

Dr.T.Venugopal – Administrative Profile

Dr.T.Venugopal, M.Sc, Ph.D, PGDCA, MIMS, MISIAM, MSCIEI, MISTE, MAMTI
Professor of Mathematics, Controller of examinations, Director (Research and Publications)
Formerly Professor and Head, Department of Mathematics, Formerly Dean (Arts and
Humanities, Permanent Invitee – Board of Management, Co-Opted Member - Academic
Council and Coordinator - Research Board
Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya
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Personal characteristics

- Result oriented individual performer and a credible team leader
- Self starter, problem solver, spiritual thinker, analytic and professional
- Reliable, conscientious, pious, courteous and peace loving
- Adaptable, Capable to work within a framework and industrious

Administrative Characteristics

- Open to choosing the best approaches to meet any challenge
- Balancing awareness so that team doesn't get overly focused or too broad
- Sensitivity to using both facts and intuition to stimulate and inspire ideas
- Ideas that are unique and imaginative as well as realistic and integrated

Administrative Brief

- ✓ Controller of Examinations of SCSVMV (Current)
- ✓ Director of Research and Publications of SCSVMV (Current)
- ✓ Member, Board of Management of SCSVMV (Two terms of two years each)
- ✓ Member, Planning and Monitoring Board, SCSVMV (For two years)
- ✓ Dean (Faculty of Arts and Humanities) of SCSVMV (For Two Years)
- ✓ Member, Internal Planning Committee (For Two years)
- ✓ Head, Department of Science and Humanities for five years
- ✓ Head/Head i/c, Department of Mathematics of SCSVMV for ten Years
- ✓ Member, Selection committee for recruitment of teaching Staff many times
- ✓ Member, Staff Grievance Redress cell of SCSVMV many times
- ✓ Chief Superintendent of Scsvmv Examinations many times
- ✓ Chairman/Member, Various Committees, SCSVMV many times
- ✓ UGC Statistical Nodal Officer, SCSVMV for two terms of two years each
- ✓ Chief Warden, University Hostels (Boys & Girls) for five years
- ✓ Responsible for rehabilitation & development of University Press for three years

Administrative Profile

Positions Held / Holding in SCSVMV - 54

1. **Controller of Examinations** (Current)
2. **Director of Research and Publications** (Current)
3. **Permanent Invitee, Board of Management** (Current)
4. **Member, Board of Studies in Mathematics** (Current)
5. **Co-Opted Member, Academic Council** (Current)
6. **Coordinator, Research Board** (Current)
7. **Coordinator, Research Promotion Team** (Current)
8. **Member, Planning and Monitoring Board** (2016-2018)
9. **Dean (Faculty of Arts and Humanities)** (2016-2018)
10. **Chairman, Students' Cabinet Advisory Committee** (2016-2017)
11. **Member, Internal Planning Committee** (Current)
12. **Chairman, Teaching Staff Grievance Redressal committee** (2016)
13. **Nodal Officer, UGC/MHRD All Indian Survey on Higher Education** (2012-2014)
14. **Director (University Press)** (2013 – 2016)
15. **Head, Science and Humanities** from April 2004 to May 2009
16. **Head, Department of Mathematics** from December 1997 to March 2004 and from June 2009 to July 2013
17. **Nodal Officer for UGC / MHRD** from July 2003 to April 2005
18. **Chairman, Board of Studies** in Science & Humanities April 2004 to May 2009
19. **Chairman, Board of Studies**, in Mathematics during 2012-2013
20. **Chairman, Annual Report Preparation Committee** 2013, 2014, 2015
21. **Chairman, Disciplinary Committee** during Tarunyam (Youth Festival of the University) in February 2007, February 2008
22. **Chairman, Enquiry Committee** to enquire into the untoward incidents happened in hostel and to recommend further action in March 2008
23. **Chairman, Preliminary Board of studies in Hindi** in March 2007
24. **Chairman, Result Passing Board** in May 2001
25. **Chairman, XII Plan Proposal Committee** in March 2012
26. **Chairman, Scholarship Scrutiny Committee** in May 2013
27. **Chief Warden, University Boys and Girls Hostels**, coordinating the residential wardens from 2004 to 2009
28. **Secretary, Entrance Examination Cell** from April 2004 to April 2006
29. **Chief Superintendent, All India Admission Test** in June 2003
30. **Chief Superintendent, University Examinations** in November 2000, February 2005, July 2005, May 2008
31. **Additional Chief Superintendent**, University Examinations in May 2004
32. **Convener, Transport and Accommodation Committee** during the inauguration of PG Block by Honorable President of India and union ministers in June 2003 and in 3rd, 4th, 5th, 6th Convocations and during the UGC committee (X plan) visit in November 2002 during January 2000 to January 2003
33. **Member, Academic Council** from January 1999 to December 2000 and from 2005
34. **Member, Academic Staff Audit committee** in 2009
35. **Member, Admission Committee** of the University in from 2006 to 2009
36. **Member, Board of Management** (The apex body of the University) from November 2005 to October 2007

37. **Member, Board of Studies** in Science & Humanities from February 2000 to June 2004
38. **Member, Doctoral Committee** of the University, from September 2001 to August 2008
39. **Member, Editorial Board of the University Newsletter**, Chandrika from 2004 to 2009
40. **Member, Grievance Redressal committee** in June 2007, February 2012
41. **Member, Library Committee**, from 1999 to 2013
42. **Member, Pay Fixation & Career Advancement Committee** from 2006 to 2010
43. **Member, Reception and Accommodation Committee** constituted for the smooth conduct of the seminar on Sanskrit: The Protector of Indian Culture in August 1999
44. **Member, Research Wing** from December 2011 to July 2013
45. **Member, Result Passing Board** from 2002 to 2013
46. **Member, Staff Enquiry Committee** to enquire into the violation of service rules and misconduct by an employee of the University and to recommend further action as per the terms in Service Rules in August 2008
47. **Member, Staff Selection Committee** of the University from 2002
48. **Member, Student Enquiry Committee** To enquire into the untoward incidents happened in hostel and to recommend further action in April 2006 , November 2006
49. **Member, Coordination Committee**, 11th Convocation of the University in February 2008
50. **Member, Disciplinary Committee** during Tarunyam (Youth Festival of the University), in February 2009, February 2010, March 2011
51. **Member, Hospitality & Coordination Committee** during the UGC committee (XI plan) visit in April 2010
52. **Member, Organizing Committee**, National Science Day Talks from 2002 to 2013
53. **Member, Organizing Committee**, National Seminar on Emerging trends in Basic Sciences on 19.03.2010
54. **Member, Advisory Committee**, National Workshop on Writing Scientific Proposals and Papers for Quality Research on 14.02.2013

Programs Conceived, Coordinated and Convened - 7

1. Demonstrative Workshop on "Simulation of cloud computing Protocols" by Dr.R.Saravan, Director, School of Information Technology, VIT University, Vellore under the auspices of SAMVIT (Special Academic Motivational Value Induction Talk) on 25.02.2016
2. SAMVIT (Special Academic Motivational Value Induction Talk) on 07.04.2014 Talk by Dr.G.Subba Rao (Principal of Geethanjali Institute of Science and Technology, Nellore) on Frontiers of Research in Technology – Focus on Mechanical Engineering
3. National Mathematics Day Talk 2012 – Mathematics: The Queen of Engineering Discipline (A Computer Vision, and Machine Learning Perspective) by Dr.V.Chandrasekaran, Head, Department of Mathematics and Computer Applications, Sri Sathya Sai Institute of Higher Learning, Prasanthi Nilayam on 28.01.2013
4. Two day workshop on solving Linear Programming Problems with Microsoft Excel at Scsvmv, Kanchipuram on 23.04.2012 & 24.04.2012 (as Convener and Coach)
5. Two day workshop on self development for educators (Faculty Development Program) in association with Sri Sathya Sai Organizations and Sri Sista Srinivasa Murthy, Chief Coach, Institute of Human Values and Leadership at Scsvmv, Kanchipuram on 18.02.2012 & 19.02.2012

6. National Mathematics Day Talk 2011 – Elliptic Curve Cryptography by Dr.R.Saravanan, Dean, School of Information Technology, VIT University, Vellore on 29.02.2012
7. UGC Sponsored Hindi Workshop (Introduction, Conversation & Review) at Scsvmv, Kanchipuram by a team of Hindi Professors lead by Dr.Subramanian (who had the rare privilege of introducing Hindi to Jagadguru Pujyasri Jayendra Saraswathi Swamigal of Sri Kanchi Kamakoti Peetam) on 30.03.2009

Major Accomplishments at Scsvmv - 18

1. **Curriculum and Syllabus:** First person to be appointed in the Engineering Division and has played a vital role in designing the curriculum and syllabus in Mathematics and shaping the Department of Mathematics
2. **Branch Specific Mathematics Papers:** Motivated and lead the team of Mathematics Staff to design Mathematics Papers specific to each engineering branch, with applications, in consultation with respective Heads and Deans, a first of its kind in Universities.
3. **Weekly Math Colloquium:** Initiated weekly talks by member of the Department of Mathematics on applications of Mathematics. The talks are arranged with a view to create a collection of applications of Mathematics to Engineering and Management which can be used to introduce mathematical concepts to Engineering and Management Students
4. **Mathematics through Computer:** Introduced the concept of teaching Mathematics through open source software, an effort towards multimedia teaching. Conducting workshops on teaching and learning Mathematics through computer.
5. **Mathematics Department:** Instrumental in forming separate departments of Mathematics, Physics, Chemistry and English from the Department of Science and Humanities.
6. **MOU Signed with SSKV College:** Instrumental in motivating the authorities of SSKV Arts and Science College for Women, Kanchipuram to sign an MOU with Scsvmv to collaborate in the area of Mathematics.
7. **Hindi Department:** Initiated the process of opening a Hindi department, in response to letters from UGC, by conducting a preliminary board of studies on Hindi, sending a proposal to UGC on opening a Hindi Department and UGC granted Rupees One Lakh to purchase Books and to conduct a workshop for Hindi Department. Recommended and arranged purchase of general Hindi Books worth Rs.50, 000/- on topics of general interests. Identified a team of experts and convened a workshop on Hindi to introduce spoken Hindi for the benefit of eighty of our University staff. Each participant was provided with Hindi self-learning books worth Rs.400/-. All appreciated the choice of materials, experts and very idea of the workshop. UGC subsequently approved funds to provide one Professor, one Reader and one Lecturer during 2008 – 2012 and to open up the department of Hindi.
8. **Science Association:** Conceptualized the idea of Sankara Vignam Parishad (Science Association), deliberated its Logo, motto, vision and mission, initiated National Science Day Talks in Scsvmv and the yearly magazine “Vision of Science”
9. **Bridge Course:** Induced the concept of bridge course for new entrants in B.E course, an initiative under the banner of Sankara Vignam Parishad

10. **Lab Manuals:** Motivated our Physics and Chemistry Staff to author lab manuals for use of first year B.E students of our University, first of its kind in this University.
11. **Engineering Primer:** Motivated, encouraged and guided the teaching assistants of Science & Humanities to bring out the bridge course material and five years latter to bring our a book – Primer to Engineering Students
12. **Infrastructural Development:** Planned the infrastructural development of the department by carefully & extensively preparing the budget & utilizing it effectively, succeeded in pooling all staff at one room with computing facilities, effected the formation of air-conditioned Physics & Chemistry research laboratories, expanded the student laboratories double their size.
13. **Software for Student Database:** Recognized the programming talents of an instructor in Physics, and utilized his services in developing software to maintain, update and retrieve (in desired formats) the personal and academic data of first year B.E students.
14. **Document Based Counseling:** Introduced the concept of document based counseling for I year B.E students and established a hierarchy system of counselors, mentors, monitors, advisors and finally the Head and has put a number of erring students on the right track.
15. **Student Personal Files:** Introduced the system of personal files for each student of I year B.E., that would contain all details pertaining to the student, like, +2 Marks, Internal and External Exam results, Attendance, Curricular, Extracurricular and Cultural contributions, Minutes of meeting with parents, counseling details, comments on his behavior, sincerity, regularity & interests. These personal files are to be handed over to the Heads of the respective departments when the student goes to the second year for follow-up.
16. **Student Control:** Established student control through a system of constant monitoring and through constant personal touch with students' parents via e mail/phone throughout the year.
17. **Research Wing:** Served as an active member of the research wing in setting it up, formulating procedures and streamlining the file and data base maintenance through a software package prepared under my guidance. The Research Wing is now known for its speedy and transparent process
18. **Publications Wing:** Conceived and implemented the ways and means to revive the University Press which was thought as a sick unit. Now after revival the University Press is catering to all the printing needs of the entire university. Operations Research and Service Operations Management Techniques were effectively used in revitalizing the University Press.
19. **Tamil Department:** Took efforts to bring in Tamil Department by recruiting suitable doctorates, aided them in designing curriculum and syllabus for UG, PG, M.Phil, Ph.D and Diploma courses in Tamil and to admit reasonable number of students.

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Mobile: +919578137581, Personal Email : venugopal.t@kanchiuniv.ac.in
Official Emails: coe@kanchiuniv.ac.in, dorp@kanchiuniv.ac.in



Personal characteristics

- Result oriented individual performer and a credible team leader
- Self starter, problem solver, spiritual thinker, analytic and professional
- Reliable, conscientious, pious, courteous and peace loving
- Adaptable, Capable to work within a framework and industrious

Teaching characteristics

- Teaching meticulously to attentive, inattentive or even lethargic students
- Teaching applicable mathematics to students with no base in mathematics
- Teaching with sense of humor / entertainment / values / anecdotes / quotes
- Teaching Mathematics through Excel / Open Source Software / Case Studies

Personal objectives

- To be a motivator for students, colleagues and friends alike
- To be a spiritual counselor to those in distress / anguish
- To help break barriers between colleagues / friends
- To deliver talks on Value Education / Educare

Teaching objectives

- To aid engineering and management students to learn mathematics comfortably
- To encourage faculty to teach mathematics with a strong bias towards applications
- To facilitate faculty to teach mathematics through software
- To conduct workshops, as coach, on Teaching Mathematics through Software

Academic Brief

- ✓ Best outgoing PG student of St.Xaviers College, Palayamkottai
- ✓ Passed CSIR-UGC National Eligibility Test for lectureship and fellowship
- ✓ Passed PGDCA, Certificate course in Hindi and Simple Spoken Sanskrit Course
- ✓ Highly commended doctoral thesis, many publications and paper presentations
- ✓ Recipient of prestigious CSIR Junior & Senior Research Fellowship
- ✓ Interdisciplinary research interests with Management, Computers & Sanskrit

- ✓ Guided & guiding many scholars to M.Phil Dissertation & Ph.D Thesis
- ✓ Life member in many professional societies
- ✓ Reviewer / Editorial Board Member of many research journals
- ✓ Teaching experience of nearly sixteen years at University level
- ✓ Courses taught M.E/MCA/MBA/M.Phil/M.Sc/B.E/BCA/B.Sc/BSCS/B.Ed
- ✓ Chairman, Board of studies in Mathematics, SCSVMV for many years
- ✓ Member, Board of Studies in Mathematics
- ✓ Member, Academic Council of SCSVMV
- ✓ Member, Research Board of SCSVMV

Personal Profile

Name	Thothathri Venugopal
Fathers Name	Narayanan Thothathri
Date of birth	12 th April, 1967
Age	50 Years as on 12 th April 2017
Languages Known	Tamil, English, Hindi (To Speak, To Read and to Write Working knowledge of Sanskrit, Learning Telugu)
Marital Status	Married - Blessed with a composed wife and an understanding son
Interests	Collecting and reading books / ebooks in Mathematics and Spirituality Own library of about 500 books in these subjects Delivering talks on Mathematics and Value Education Conducting workshops on Mathematics with software as coach
Qualifications	M.Sc., Ph.D., PGDCA. CSIR-UGC (NET) <ul style="list-style-type: none"> • Passed SSLC in 1982 from Mahatma Gandhi High School, Villupuram • Passed HSC in 1984 from Municipal Higher Secondary School, Cuddalore • Passed B.Sc(Maths) in 1987 from Periyar Arts College, Cuddalore • Passed M.Sc(Maths) in 1989 from Saint Xaviers College, Tirunelveli • Passed CSIR-UGC (NET) in 1991 from CSIR-UGC, New Delhi • Passed Hindi Certificate Course in 1992 from Central Hindi Directorate • Passed PGDCA in 1995 from Madurai Kamaraj University, Madurai • Awarded Ph.D (Maths) in 1998 from Madurai Kamaraj University, • Passed Simple Spoken Sanskrit course in 2002 from SCSVMV
Awards	Best Teacher Award from SCSVMV 2014
Fellowships	CSIR Junior Research Fellowship from November 1992 to October 1994 CSIR Senior Research Fellowship from November 1994 to October 1997

Life Memberships

IMS - Indian Mathematical Society (L/2011/60)
ISIAM - Indian Society for Industrial and Applied Mathematics (V9)
ISTE – International society for Technical Education (LM 93018)
AMTI – The Association of Mathematics Teachers of India (L13065)
St.Xavier’s College Alumni Association (LM479)

Editorial Board Member	International Journal of Applied Mathematics & Statistical Sciences (IJAMSS) International Journal of humanities and Social Sciences (IJHSS) Asia Mathematica
Reviewer	International Journal of Advanced Intelligence Paradigms (IJAI) International Journal of Computing Science and Mathematics (IJCSM) International Journal of Mathematics in Operational Research (IJMOR)
Occupation	Professor of Mathematics, Director of Research and Publications, Dean (Arts and Humanities)
Experience	20 Years in teaching Mathematics and administration
Courses Taught	M.E/MCA/MBA/M.Phil/M.Sc/B.E/BCA/B.Sc/BSCS/B.Ed
Papers Taught	Engineering Mathematics (All Semesters) Numerical Analysis, Business Statistics, Quantitative Techniques, Operations Research, Management Science (using Excel) Service Operations Management, Managerial Decision Making Discrete Mathematics, Automata Theory Probability & Statistics Methodology of Teaching Mathematics Mathematical Modeling and Research Methodology
Ph.D Thesis	Studies in Integral Transforms of Generalized Functions
Research Guide	Dr.V.Karunakaran, Madurai Kamaraj University, Madurai
Research Guidance	Guided 21 research scholars to M.Phil Dissertation Guided 8 research scholars to Ph.D Thesis (6 awarded, 2 submitted) Guiding 1 Part-Time research scholars to Ph.D Thesis Guiding 1 Full-Time research scholar to Ph.D Thesis
Research Interests	Inter Disciplinary <ul style="list-style-type: none">✓ Operations Research Modeling✓ Business Statistics Modeling✓ Interrelation between Mathematics and Management / Computers✓ Discrete Mathematics, Applied Graph Theory✓ Ancient Indian Mathematics and Vedic Mathematics✓ Teaching Methodology and Techniques✓ Mathematics Education, Education in Human values

Publications**International - 27, National – 4, Books - 2**

1. **Mathematical Analysis of Mechanical Properties of Idol Making Stones**, Global Journal of Pure and Applied Mathematics.ISSN 0973-1768 Volume 13, Number 2 (2017), pp. 683-690 (with A.Gayathri)
2. **Algorithmic study of optimizing the network model of Kanchipuram Siva Temples**, Accepted for publication in ICTACT Journal of Management Studies, 2017 (with V.K.Radhakrishnan)
3. **Application of Monte Carlo Simulation Technique in Whole Sale Vegetable Purchase by Dealers** Accepted for Publication in International Journal of Pure and Applied Mathematics (IJPAM), 2017 (with Indira Priyadarshini)
4. **Numerical and Experimental Analysis of Optical Property of Polymers (PEG & PPG) –** International Journal of Mathematics Trends and Technology , Volume 34 No.3, June 2016 (with A.Gayathri)
5. **Optimization of Kanchipuram Divyadesam network – A Novel Algorithmic approach –** International Journal of Recent Scientific Research (IJRSR) ISSN 0976-3031, Volume 7(1) January 2016 (with V.K.Radhakrishnan)
6. **Jaina logic and Rules of inference – A Prologue -** Global Journal of Pure and Applied Mathematics (GJPAM) ISSN 0973-1768 Volume 12,Number 1 (2016) (with R.Malathi)
7. **Application of first order differential equations in Electric circuit theory by using direction field with ICT -** Global Journal of Pure and Applied Mathematics (GJPAM) ISSN 0973-1768 Volume 12,Number 1 (2016) (with J.Sengamalaselvi)
8. **Mathematical approach to design an online multilayer feed forward neural network and its model on laboratory work -** Journal of International Academic Research For Multidisciplinary, ISSN: 2320-5083, Volume 3, Issue 12, January 2016 (with G.Gajendran)
9. **Mathematical approach to design a batchmode Multilayer Feedforward Neural Network and its model on type 2 diabetes -** Global Journal of Pure and Applied Mathematics (GJPAM) ISSN 0973-1768 Volume 12,Number 1 (2016) (with G.Gajendran)
10. **Implementation Of Information And Communication Technology In The Three Dimensional Graphical Representation By Using The Open Source Mathematics Software Geogebra”** in the “ *International Journal of Business Intelligence & innovations* ” (ISSN:2348 4705, Special Volume Issue 3) pages : 141-149. January 2016
11. **Application of Information and Communication Technology with Share Grin 40 Software in the Field of Network Computations by Using Programme Evaluation - Review Technique And Critical Path Method –** International Journal of Scientific Research, Volume : 5, Issue : 2, February 2016, ISSN No 2277 – 8179 (with J.Sengamalaselvi)
12. **Jaina logic is best for Artificial Intelligence -** International Journal of Business Intelligence & Innovations, Special volume issue 3 , pp 132-140 ISSN No :2348 4705, January 2016 (with R.Malathi)
13. **The Jaina Logic Way of Wumpus World -** International Journal of Engineering Science Invention Research & Development; Vol. II Issue VI December 2015 (with R.Malathi)
14. **A Comparative Analysis of Ultrasound Velocity in Binary Liquid systems of PPG by Mathematical and Experimental Methods –** Accepted for publication in Physics Procedia, Elsevier in August 2015 (with A.Gayathri)
15. **The Implementation Of ICT On Various Curves Through Winplot -** International Journal Of Current Engineering And Scientific Research (IJCESR), Issn (Print): 2393-8374, (Online): 2394-0697, Volume-2, Issue-6, 2015. (with J.Sengamalaselvi)

16. **Analysis of speed of acoustic waves in binary liquid systems through mathematical and experimental methods** – Indian Journal of Science (An International Weekly Journal for Science ISSN 2319 – 7730 EISSN 2319 – 7749, 2015, 13(36), 1-4. (with A.Gayathri)
17. **The Effectiveness of Information and Communication Technology in Education** - Proceedings of International Conference on Enhancing Excellence, Equity and Efficiency in Higher Education organized by Tamil Nadu Open University, Chennai during 7th & 8th November, 2014. ISBN 978-93-313-2522-8 November 2014, Volume-III. Pages. 331-336 (with J.Sengamalaselvi)
18. **A Pilot Study Of The Use Of Geogebra - An Information And Communication Technology Tool** - International Research journal of Arts and Education, ISSN:2349-1353, ISBN:978-93-84124-20-5, Volume-I, Issue , pages 415-418, November-2014.
19. **On Combined Approach for mining FSG in Transactionized Graph Datasets** - IOSR Journal of Computer Engineering (IOSR-JCE), e-ISSN: 2278-0661, p- ISSN: 2278-8727 Volume 16, Issue 3, Ver. VI (May-Jun. 2014), PP 105-113 (with K.Rajendran and A.V.Sriharsha)
20. **Evaluation of Performance of the Students in Engineering Colleges Overtime – A case study** in International Journal of Current Engineering and Technology (ISSN 2277 – 4106), Vol.3, No.3 (August 2013) (with Pavanakumari)
21. **A Generalized Cauchy Initial Value Problem** has been accepted for publication in the Journal Vriksha – A National Journal Published by Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya (Deemed to be University), Kanchipuram (with M.Adhithya)
22. **Strongly Multiplicative Labeling in the Context of Graph Operations** International Journal of Computational and Applied Mathematics. ISSN 1819-4966 Volume 7, Number 4 (2012), pp. 485-495 (with M.Muthusamy)
23. **Strongly Multiplicative Labeling for Some Graphs** in the International Journal of Algorithm, Computing and Mathematics Vol.5 No.3, ISSN: 0974-3367, 2012 (with M.Muthusamy)
24. **Evaluation of Value Education in Engineering Colleges Using Analytical Hierarchy Process** in the Proceedings of the National Conference on Applications of Mathematics in Engineering Sciences (NCAMWS) – 2011, Published by AUCE(A), Andra University, Pages 157 – 161, ISBN 978-81-909853-0-7 (with A.Pavanakumari)
25. **Comprehensive Analysis of Complex Data Structures for Graph Data Mining** in the Journal of Theoretical and Applied Information Technology – An international journal published by Little Lion Scientific Research & Development Islamabad, Pakistan, Vol.23, No.1 January 2011, Pages 16-20, ISSN: 1817-3195, EISSN: 1992-8615) (with K.Rajendran, A.Rama Mohan Reddy)
26. **Graph-based Modeling for Graph Data Mining** in the Proceedings of the International Conference on Challenges and Applications of Mathematics in Science and Technology (CAMIST) Jan 11-13, 2010 conducted by National Institute of Technology, Rourkela and Published by Macmillan – Advanced Research Series, 2010, Pages 104 – 110, ISBN: 10:0230-32875-X, 13:978-0230-32875-4 (with A.V.Sriharsha, A.Rama Mohan Reddy, K.Rajendran)
27. **A Survey of Frequent Sub-Graph Mining** in the Intelligent systems and communications – A book published by IKON Books, New Delhi, Pages 346-350, 2009, ISBN: 978-81-908497 (with A.V.Sriharsha, A.Rama Mohan Reddy, K.Rajendran)

28. **Sanskrit and Phase Structure Grammars** in the Proceedings of the national seminar on Bharatiya Heritage in Engineering and Technology held at Indian Institute of Science, Bangalore during May 11-13, 2006 (with Debajyothi Jena)
29. **A new space for Fourier transforms** in Integral transforms and special functions – An international Journal Published by Taylor & Francis, Vol.9, No.2, Pages133-149, 2000, ISSN: 1065-2469 Impact Factor: 0.831 (with V.Karunakaran)
30. **Convolution transform for generalized functions in Integral transforms and special functions** – An international Journal Published by Taylor & Francis, Vol.8, No.3-4, Pages 217-232, 1999, ISSN: 1065-2469, Impact Factor: 0.831 (with V.Karunakaran)
31. **The Weierstrass transform for a class of generalized functions** in Journal of Mathematical Analysis and Applications – An international journal published by Elsevier, 220, Pages 508-527, 1998, ISSN: 0022-247X, Impact Factor 1.345 (with V.Karunakaran)
32. **Vilayattaga Vizhukkalvi (Entertaining Educare)**, a book published by Sri Sathya Sai Books & Publications Trust, Tamil Nadu, which is used to impart value education to rural children using the five teaching techniques of Sri Sathya Sai Education in Human Values viz Quotation, Story Telling, Group Activity, Silent Sitting and Group Singing
33. **Hornbook of Basic Computing**, a book on rudiments of basic computing published by SCSVMVUniveristy (Along with R.Malathi)

Books under Preparation - 5

1. **Visual Higher Secondary Mathematics** (with open source software Geogebra) (along with Dr.J.Sengamalaselvi)
2. **Excel Based Operations Research** – A book on Operations Research through Excel, an effort towards paperless teaching & learning, an outcome of lectures to several batches of students at SMOT Business School, Chennai
3. **Merry Mathematics through Computer** – A book on teaching and learning mathematics with the aid of open source software, an effort towards rendering mathematics easy
4. **Living with Diabetes – The Sai Way**, A practical advice on managing diabetes, with a doctor as Coauthor
5. **Valluvan KuRaLum, Bhagawan Kuralum** – A booklet on selected Kurals and equivalent sayings of Sri Sathya Sai Baba as couplets in Tamil

Paper Presentations – 26

1. **Algorithmic study of optimizing the network model of Kanchipuram Mutt Shrines** in the International Conference on Functional Materials (ICFM 2017) at the Department of Physics, SCSVMV, Kanchipuram on 03.03.2017 (By V.K.Radhakrishan) (Received Best Poster Presentation Award)
2. **Restricted transportation modeling of wholesale vegeable procurement** in the International Conference on Functional Materials (ICFM 2017) at the Department of Physics, SCSVMV, Kanchipuram on 03.03.2017 (By S.Indira Priyadarshini)
3. **Jaina Logic and decision support system** in the International Conference on Functional Materials (ICFM 2017) at the Department of Physics, SCSVMV, Kanchipuram on 02.03.2017 (By R.Malathi)

4. **Role of geogebra in the hard spots of higher education through optic math** in the International Conference on Functional Materials (ICFM 2017) at the Department of Physics, SCSVMV, Kanchipuram on 02.03.2017 (By J.Sengamalaselvi)
5. **Numerical acoustic and molecular interaction studies of holy liquids** in the International Conference on Functional Materials (ICFM 2017) at the Department of Physics, SCSVMV, Kanchipuram on 02.03.2017 (By A.Gayathri) (Received Best Poster Presentation Award)
6. **Impact of visual math among higher education students using open source software** in the International Conference on Functional Materials (ICFM 2017) at the Department of Physics, SCSVMV, Kanchipuram on 02.03.2017 (By J.Sengamalaselvi)
7. **Algorithmic study of optimizing the network model of Kanchipuram Siva Temples**, in the National Conference on NXTGEN developments on Computer Science and Mathematics at Shree Chandraprabhu Jain College, Minjur, Chennai on 29.09.2016 (By V.K.Radhakrishnan) (Received Best paper cash award)
8. **Enactment of ICT in Discrete and continuous Distributions by the open source Mathematics software Geogebra** in the International Conference (ICRATES-2016) at Department of Mathematics, C. Abdul Hakeem college of Engineering and Technology, Vellore on 27.07.2016
9. **Implementation of ICT in Statistics by using the open source software Geogebra** in the International conference of Data analysis and Mathematical Modelling, Aarupadai Veedu Institute of Technology, Vinayaka Missions University held on 05.05.2016
10. **Impact Of Information And Communication Technology In Teaching Mathematics With Geogebra and Winplot Open Source Mathematics software** in the National conference of pure and Applied Mathematics, Department of Mathematics, VIT-University, Vellore on 12.03.2016.
11. **Jaina logic is best for Artificial Intelligence** in the National Conference on Recruitment, Reward and Retention held on 21.01.2016, organized by Department of Business Administration, The New College (Autonomous), Chennai – 600 014, Tamilnadu.
12. **Implementation Of Information And Communication Technology In The Three Dimensional Graphical Representation By Using The Open Source Mathematics Software Geogebra** in the National Conference on Recruitment, Reward and Retention held on 21.01.2016, organized by Department of Business Administration, The New College, Chennai – 600 014, Tamilnadu
13. **Jaina logic and Rules of inference – A Prologue** in National Conference on Mathematical Techniques and its Applications, SRM University, Department of Mathematics on 04.01.2016.
14. **Application of first order differential equations in Electric circuit theory by using direction field with ICT** in the National conference on Mathematical Techniques and its Applications, SRM University, Chennai on 04.01.2016
15. **The Implementation of ICT on various curves through win plot** in the Third International Conference On Management, Engineering, Science, Humanities And Technology, Organized By Technical Research Organisation India, Bangalore On 24.05.2015.
16. **Analysis of speed of acoustic waves in binary liquid systems through mathematical and experimental methods** in the International Conference on Frontier Areas of Physics (INACFAP 2014), Conducted by Department of Physics,

- Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya (Deemed to be University), Kanchipuram during 18.12.2014 and 19.12.2014
17. **The Effectiveness of Information and Communication Technology in Education** in the International Conference on Enhancing Excellence, Equity and Efficiency in Higher Education, Tamil Nadu Open University, Chennai on 07.11.2014.
 18. **A Pilot Study of the Use of Geogebra As an Information and Communication Technology Tool** in the International Conference on Arts, Education & Contemporary Studies, International Multidisciplinary Research Foundation, Pondicherry on 14.11.2014.
 19. **Optimization of Intelligent Routing and Re-Routing of Efficient Path in VoIP** in the International Conference held on 22.03.2014 at Ranippettai Engineering College, Vellore.
 20. **Evaluation of Value Education in Engineering Colleges Using Analytical Hierarchy Process** in the National Conference on Applications of Mathematics in Engineering Sciences (NCAMWS) – 2011 during 29th to 30th June, 2011 at AU College of Engineering (A), Andra University
 21. **Analytical Hierarchy Process As A Tool For Selecting And Evaluating Subjects** in the International Conference on Challenges and Applications of Mathematics in Science and Technology (CAMIST) Jan 11-13, 2010 at National Institute of Technology, Rourkela, Orissa, India
 22. **Comprehensive Analysis of Complex Data Structures for Graph Data Mining** in Third International Conference on Data Management ICDM2010, March 11-12, 2010, at Institute of Management Technology, Ghaziabad
 23. **A Survey of Frequent Sub-Graph Mining** in the Two day National Conference on “Intelligent systems and communications” NCISC 2009 in NCISC 2009, Sri Padmavathi Mahila Visvavidyalayam, Tirupati -517502 on December 3-4, 2009
 24. **Sanskrit and Phase Structure Grammars** in the National seminar on Bharatiya Heritage in Engineering and Technology, Indian Institute of Science, Bangalore on May 11-13, 2006
 25. **Entire Solution to Generalized Heat Equation** in the International conference on current trends in differential equations and dynamical systems, Indian Institute of Technology, Kanpur, on December 15-17, 2001
 26. **A New Space for Fourier Trans forms** in the 62nd annual conference of the Indian Mathematical Society, Indian Institute of Technology, Kanpur on December 22-25, 1996

Programs Attended - 28

1. **Statistical Techniques and Tools in Research Methodology** conducted by Don Bosco College of Engineering, Goa from 06.11.2017 to 10.11.2017
2. **Excellence in Education Conference** arranged by ‘The Hindu’ at Taj Coromandel, Chennai on 12.08.2016 as a delegate representing SCSVMV
3. **Conference on “Making India a Global Center for Higher Education” at Lalith Asoak**, Bangalore as a delegate representing SCSVMV on 22.03.2016 arranged by Education Promotion Society for India
4. **Education Experts Committee meeting** at Madras Chamber of Commerce & Industry (MCCI) on 05.01.2016 representing SCSVMV.
5. **International Symposium on Computational Science** at Sri Sathya Sai Institute of Higher Learning, Prashanthi Nilayam from 12.12.2015 to 15.12.2015

6. **International Workshop on Computer Vision and Machine Learning** at Sri Sathya Sai Institute of Higher Learning, Prashanthi Nilayam from 10.12.2014 to 13.12.2014
7. **One day workshop on Recent Trends in Curriculum Design and Development** on 25.01.2014, organized by The Center for Curriculum Design and Development, SCSVMV
8. **National Workshop on Writing Scientific Proposals and Papers for Quality Research** on 14.02.2013, at SCSVMV
9. **An Overview of Wolfram Mathematica v9.0 and SystemModeler** an online seminar organized by G.T.Enterprises, Bangalore on 11.01.2013
10. **International Workshop on Computer Vision and Machine Learning** at Sri Sathya Sai Institute of Higher Learning, Prashanthi Nilayam from 20.12.2012 to 23.12.2012
11. **Using SAGE for Engineering Mathematics** at VIT University, Chennai Campus on 28.04.2012
12. **Instructional workshop on Mathematical modeling and simulation**, sponsored by DST New Delhi at Kalasalingam University, Srivillipuththur during 07.07.2010 – 14.07.2010
13. **National Seminar on Emerging trends in Basic Sciences** at SCSVMV on 19.03.2010
14. **National seminar on emerging trends and challenges in higher education in India** at SCSVMV on 21.08.2009
15. **National Seminar on Graph Theory, Algorithms and Networks/Systems** at SCSVMV during 20.07.09 and 21.07.09
16. **Short Term Course for Research Guides** at UGC Academic Staff College, Bharathiar University, Coimbatore during 27.01.2009 – 31.01.2009
17. **Workshop on Automatic Processing of THE Natural Language** at SCSVMV during 16.02.2008 – 17.02.2008
18. **National Workshop on MATLAB and its applications** at National Institute of Technical Teachers Training & Research, Chennai during 01.12.2007 – 02.12.2007
19. **Seminar on Facets of Consciousness** at SCSVMV during 02.03.2007 – 03.03.2007
20. **National seminar on Bharatiya Heritage in Engineering and Technology** at Indian Institute of Science, Bangalore on 11.05.2006 – 13.05.2006
21. **Regional seminar on Intellectual Property rights** at SCSVMV during 09.03.2005 – 10.03.2005
22. **Orientation Program in Information Technology** at UGC Academic Staff College, Bharadhidasan University, Trichirappali during 03.12.2003 – 30.12.2003
23. **International conference on current trends in differential equations and dynamical systems** at Indian Institute of Technology, Kanpur during 15.12.2001 – 17.12.2001
24. **The 62nd annual conference of the Indian Mathematical Society** at Indian Institute of Technology, Kanpur during 22.12.1996 – 25.12.1996
25. **Workshop on Lie theory, special functions and distributions** at Banaras Hindu University, Varanasi during 01.02.1995 – 05.02.1995
26. **IISc-TIFR Short Term Visitors program** at TIFR Centre, Indian Institute of Science Campus, Bangalore during 09.07.1994 – 23.07.1994
27. **Symposium on mathematical methods and applications** at Indian Institute of Technology, Madras on 22.12.1993

28. **Summer school on Geometric measure theory and second order partial differential equations** at Indian Institute of Science, Bangalore during 28.07.1993-16.07.1993

29. **IISc – TIFR Mathematics Program (with honorarium)** at TIFR Centre, Indian Institute of Science Campus, Bangalore during 01.08.1989 – 31.07.1990

M.Phil Guidance – Completed 21;

No	Degree	Year	Name	University	Title of Dissertation
1.	M.Phil	2005	Jayachitra	Bharathiar University	Finite Dimensional Wavelet Theory
2.	M.Phil	2007	A.Parasuraman	Alagappa University	Generalized Fourier Transform
3.	M.Phil	2008	J.Sengamalaselvi	Alagappa University	Input output analysis – A mathematical perspective
4.	M.Phil	2007	P.Senthil Kumar	Alagappa University	Discrete wavelet transform – Lifting technique and filter bank approach
5.	M.Phil	2007	A.Karthikeyan	Alagappa University	Generalized convolution transform
6.	M.Phil	2007	N.Arivuchezhian	Alagappa University	Generalized Weierstrass transform
7.	M.Phil	2012	S.Srividhya	SCSVMV	Applications of graph colouring through GRIN
8.	M.Phil	2012	K.Mahalakshmi	SCSVMV	Applications of Linear Programming through Spreadsheets
9.	M.Phil	2013	S.Bhagyalakshmi	SCSVMV	Finite Fields
10	M.Phil	2013	P.Anitha	SCSVMV	Optimization of intelligent routing and re routing of efficient path in VoIP
11	M.Phil	2014	S.Komala	SCSVMV	Introduction to Wavelets – A finite dimensional perspective
12	M.Phil	2014	M.Adithya	SCSVMV	Sanskrit and theoretical computer science
13	M.Phil	2012	S.Anbarasi	SCSVMV	Finite Automata using JFLAP
14	M.Phil	2011	K.Santi	SCSVMV	Applications of Discrete Calculus
15	M.Phil	2012	A.Shakeela	SCSVMV	Web Mining
16	M.Phil	2012	M.Sivam	SCSVMV	Clustering with graph
17	M.Phil	2010	M.Saravanan	SCSVMV	Applications of wavelets in Poisson equations and text to speech systems
18	M.Phil	2010	Sangeetha	SCSVMV	Applications of wavelets in Signal Processing
19	M.Phil	2011	V.K.Radhakrishnan	SCSVMV	Application of wavelets in Genetic Sequence Analysis
20	M.Phil	2014	T.V.Shirley	SCSVMV	A Generalized Representation Theorem
21	M.Phil	2016	Gayathri	SCSVMV	A study on Monoids and Automata

Ph.D Guidance: Completed 6; Thesis Submitted 2;Current 2;

1.	Ph.D completed in 2014	M.Muthusami	SCSVMV	A study on strongly multiplicative labeling by using some graph operations (Awarded)
2.	Ph.D completed in 2015	M.K.Balaji	SCSVMV	A study on certain analytical properties of some subclasses of starlike functions with negative coefficients (Awarded)
3.	Ph.D completed in 2015	K.Rajendran	SCSVMV	Fast Frequent Subgraph Mining on Transactionized Graph Data (Awarded)
4.	Ph.D completed in 2017	G.Gajendran	SCSVMV	Mathematical approach to design Multilayer Feedforward Neural Network and its model on Laboratory works (Thesis under preparation)
5.	Ph.D completed in 2016	R.Malathi	SCSVMV	Design of knowledge discovery and decision support system using Jaina logic
6.	Ph.D completed in 2016	J.Sengamala Selvi	SCSVMV	A study on effectiveness of ICT with Geogebra and Winplot as learning tools
7.	Thesis Submitted in 2018	K.Radhakrishnan	SCSVMV	Development of optimized network for tourism and queuing management in temples
8.	Thesis Submitted in 2018	R.Parthasarathy	SCSVMV	Mush convection under constraints
9.	Ph.D completed in 2017	A.Gayathri	SCSVMV	Mathematical and experimental studies on wave propagation in few liquid and solid systems with special reference to traditional practices in Hindu temples
10	Current (Full Time) – First Doctoral Committee Completed	Indira Priyadarshini	SCSVMV	Study of Vegetable Super Markets – An operations Research Approach with case studies
11	Current – First DC Completed	S.Rajendran	SCSVMV	A Study on The Effectiveness of Teaching High School Mathematics Using Memory Aids – Case studies in Tirunelveli

Dr.T.Venugopal – Outreach Profile

Dr.T.Venugopal, M.Sc, Ph.D, PGDCA, MIMS, MISIAM, MSCIEI, MISTE, MAMTI
Professor of Mathematics, Controller of examinations, Director (Research and Publications)
Formerly Professor and Head, Department of Mathematics, Formerly Dean (Arts and Humanities,
Permanent Invitee – Board of Management, Co-Opted Member - Academic Council and
Coordinator - Research Board

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Teaching characteristics

- Teaching meticulously to attentive, inattentive or even lethargic students
- Teaching applicable mathematics to students with no base in mathematics
- Teaching with sense of humor / entertainment / values / anecdotes / quotes
- Teaching Mathematics through Excel / Open Source Software / Case Studies

Teaching objectives

- To aid engineering and management students to learn mathematics comfortably
- To encourage faculty to teach mathematics with a strong bias towards applications
- To facilitate faculty to teach mathematics through software
- To conduct workshops, as coach, on Teaching Mathematics through Software

Outreach Brief

- ✓ Editor, Sri Sathya Sai Newsletter, Kanchipuram District for two years.
- ✓ Member, Doctoral Committees in Universities / Colleges
- ✓ Evaluator, Ph.D / M.Phil theses in Mathematics / Computer Science in Universities
- ✓ Member of Board of Studies in Colleges / Universities
- ✓ Talks in seminars arranged by Sri Sathya Sai Organizations.
- ✓ Orientation talks to teachers on teaching methodology
- ✓ Lectures on Mathematics & Spirituality in schools & colleges
- ✓ A Judge at Yearly Seminar on Human values at Sri Sathya Sai Institute of Educare
- ✓ Visiting Faculty to Business Schools and Colleges
- ✓ Workshops (as coach) on software oriented Mathematics teaching
 - ❖ Applied Operations Research through Microsoft Excel®
 - ❖ Applied Business Statistics thorough Microsoft Excel®
 - ❖ Applied Engineering Mathematics through open source software
 - ❖ School and College Mathematics through open Source software
 - ❖ Automata Theory through JFLAP

Outreach Profile

Lecture Series - 3

1. **Visiting faculty at SMOT Business School**, Chennai (Affiliated to St.Marys University, Canada) teaching PGDBA students, through Microsoft Excel, hands-on sessions of
 - a. **Operations Research** from 31.05.2010 to 11.06.2010 (24 Hours)
 - b. **Managerial Decision Making** from 24.07.2010 to 23.08.2010 (28 Hours)
 - c. **Service Operations Management** from 29.08.2010 to 05.09.2010 (16 Hours)
 - d. **Operations Research** from 04.09.2010 to 20.11.2010 (36 Hours)
 - e. **Managerial Decision Making** from 05.05.2011 to 23.07.2011 (30 Hours)
 - f. **Service Operations Management** from 06.05.2011 to 23.07.2011 (30 Hours)
 - g. **Quantitative Analysis for Business** from 19.08.2012 to 25.11.2012 (36 Hours)
2. **Delivered weekly lectures to the Mathematics Teachers** of SSKV Matriculation Higher Secondary School, Kanchipuram during the academic year 2005 – 2006 and helped them to comprehend the various aspects of revised school mathematics by introducing them to advanced topics in Higher Mathematics.
3. **Delivered daily lectures to B.Ed students of SCSVMV** on Methodology of Teaching Mathematics from August 2007 to June 2008

Demonstrative Workshops - 3

1. **Operations Research through Excel** – Half a day demonstrative Workshop on solving Operations Research Problems with Microsoft Excel at V.V.Vanniaperumal College for Women (Autonomous), Virudhunagar on 06.09.2014 to Cluster of Colleges Audience
2. **Excel Usage in Business Decisions** – One day demonstrative workshop to PGDBA students of SMOT Business School (Affiliated to St.Mary's University, Canada) on 30.07.2012- Conducted the sessions as Coach
3. **Basic Excel Workshop** – Two day demonstrative workshop to PGDBA students of SMOT Business School (Affiliated to St.Mary's University, Canada) on 07.08.2010 and 09.08.2010- Conducted the sessions as Coach

Hands on Workshops - 6

1. **Linear Programming using Excel, Graph Theory using GRIN, Automata Theory using JFLAP, Microsoft Mathematics** at the National workshop on Math with Open Source Software (NWMOSS 2015) on 04.09.2015
2. **Automata Theory using JFLAP** – Half a day workshop on learning automata theory with JFLAP at V.V.Vanniaperumal College for Women (Autonomous), Virudhunagar on 06.09.2014 inaugurating the PG Computer Science (SF) Association - Conducted the sessions as Coach
3. **Automata Theory using JFLAP** – One day workshop on learning automata theory with JFLAP at V.V.Vanniaperumal College for Women (Autonomous), Virudhunagar on 04.07.2014, a part of the UGC sponsored National Level Workshop on Analytical Tools for Researchers in Commerce and Computer Science - Conducted the sessions as Coach

4. **Operations Research through Excel** – One day National workshop to introduce learning operations research through Excel at Sri Sankara Arts and Science College, Enathur, Kanchipuram on 08.03.2013 - Conducted the sessions as Coach
5. **Linear Programming with Excel** – Two day workshop on solving Linear Programming Problems with Microsoft Excel at SSKV Arts and Science College for Women, Kanchipuram on 07.08.2012 & 08.08.2012 - Conducted the sessions as Coach
6. **Linear Programming with Excel** – Two day workshop on solving Linear Programming Problems with Microsoft Excel at SCSVMV, Kanchipuram on 23.04.2012 & 24.04.2012 - Conducted the sessions as Coach

Talks - Mathematical - 19

1. **Appetizers for Statistics** - Talk during Winter School on Mathematics on 03.02.2018 at Department of Mathematics, SCSVMV.
2. **Appetizers for Engineering Mathematics** - Talk to engineering students of VIT, Vellore as Expert Guest Lecture on 02.11.2017 afternoon in Homi Bhabha Gallery (Silver Jubilee Tower)
3. **Appetizers for Engineering Mathematics** - Talk to engineering students of VIT, Vellore as Expert Guest Lecture on 02.11.2017 forenoon in Dr.Ambedkar Auditorium (Technology Tower)
4. **How to learn calculus (Advanced Mathematics – For that matter)** - Talk delivered at Inauguration of Mathematical Association (SIGMA) at Dr.MGR Janaki Ammal Arts and Science College for Women, Chennai on 20.07.2017
5. **Calculus and its applications** – Talk to UG/PG Mathematics students at ‘Spectra Mathematica’ on 22.03.2017 at SCSVMV.
6. **Calculus and its applications** – Talk to engineering students of VIT, Vellore as Expert Guest Lecture on 11.11.2016 forenoon in VOC gallery (TT Gallery II)
7. **Calculus and its applications** – Talk to engineering students of VIT, Vellore as Expert Guest Lecture on 11.11.2016 afternoon in Dr.Ambedkar Auditorium (Technology Tower)
8. **Mathematics in Computing** - Quality Enrichment Programme I (QEP 2016) Under the auspices of Sankara Ganaiha Sastra Parishad at Department of Mathematics, SCSVMV, Kanchipuram on 24.04.2016
9. **Trends in Discrete Mathematics** – Talk delivered at National Seminar on Emerging Trends in Applications of Mathematics at Dr.MGR Janaki Ammal Arts and Science College for Women, Chennai on 16.09.2015
10. **Consultancy using Operations Research** – Talk delivered exclusively to staff of Department of Mathematics, V.V.Vaniaperumal College on 06.09.2014 (between two other sessions) followed by an active discussion.
11. **The Essence of Computing** – Talk delivered to staff and students of Sacred Heart College of Arts and Science, Reddiapatti, Dindigul while inaugurating associations of their Mathematics and Computer Departments on 06.09.2013 followed by an interaction with staff and students.
12. **An introduction to Business Modeling with Excel** - Talk delivered to staff and students of SSKV Arts & Science College for Women, Kanchipuram while inaugurating their Mathematical Association “Mathematica” on 07.08.2012
13. **Switching Circuit Applications** - Talk delivered to staff and students of SSKV Arts & Science College for Women, Kanchipuram while inaugurating their Mathematical Association “Mathematica” on 28.09.2011

14. **Applied Abstract Algebra** - Talk delivered to staff and students of Sri Sankara Arts and Science College, Kanchipuram while inaugurating their Mathematical Association "Ramanujan Forum" on 27.07.2011
15. **Industrial Careers for Graduates in Mathematics** - Talk given to participants of seminar on "The role of Mathematics in career prospects" arranged by SSKV Arts and Science College for Women, Kanchipuram on 28.03.2009
16. **Sanskrit, Phase Structure Grammars and Object oriented approach** - Talk given to the participants of a UGC sponsored refresher course for Sanskrit faculty at Sri Chandrasekharendra Saraswathi Viswa Maha Vidyalaya, Kanchipuram on 22.12.2005
17. **Understanding Mathematics** - Presidential address delivered on the occasion of inauguration of "Mathematics Association" at S.S.K.V Matriculation Higher Secondary School, Kanchipuram on 25.11.2005
18. **Sanskrit and Computers** - Talk given to the participants of a UGC sponsored refresher course for computer science faculty at SCSVMV , Kanchipuram on 28.02.2005
19. **Graph Theory for Computer Science** - Talk given to the participants of a UGC sponsored refresher course for computer science faculty at Sri SCSVMV, Kanchipuram on 31.08.2004

Talks - General - 44

1. **Do Nothing: Be an Instrument in the Divine Hands** - Special Address on the occasion of Sri Sathya Sai Aaradhana Mahotsavam at Sundram Temple, Chennai on 24.04.2017 arranged by Sri Sathya Sai Organizations, Tamil Nadu.
2. **Quality in Research** – Talk at workshop on Research, Innovation and Intellectual Property Rights in SCSVMV on 24.03.2017
3. **Practical tips to realize Divinity in everybody** – Talk on the occasion of 50th Anniversary of Sri Sathya Sai Samithi, Chengalpet on 25.12.2016 as Chief Guest.
4. **Spirituality and pulses** – Invited talk during the National Seminar on Chemistry of Pulses at SCSVMV on 21.10.2016
5. **Simple Values** – Talk delivered while inaugurating Sri Sathya Sai Vidhya Jyothi at Venkateswara Middle School, Chrompet, Chennai on 15.08.2015, an initiative of Sri Sathya Sai Organizations, Tamil Nadu.
6. **Be Nothing; Be an Instrument** – Talk delivered at Altitudes-2016 (National Level Mathematical Festival) at Ganesh Auditorium, SRM University, Chennai on 17.02.2016 as Chief Guest
7. **Research and Academics** – Talk delivered at Shri Shankarlal Sundarbai Shasun Jain College for Women, Chennai on the inauguration of Third National Conference on Recent Advances in Computing and Communications on 14.10.2015
8. **Importance of Learning Hindi** – Talk delivered in Hindi at Hindi Day Celebrations on 14.09.2015 at SCSVMV as Chief Guest.
9. **Get in touch with the infinite to get research ideas** – Valedictory address at the First International Conference on Computing and Information Technology, Sairam Institute of Technology, Sai Leo Nagar, West Tambaram, Chennai on 14.08.2015
10. **Kaliyug ke Avathaar** – Special Address on the occasion of Sri Sathya Sai Aaradhana Mahotsavam at Sundram Temple, Chennai on 24.04.2015 arranged by Sri Sathya Sai Organizations, Tamil Nadu.
11. **Master the mind to become a Mastermind** – Talk delivered at Altitudes-2015 (National Level Mathematical Festival) at Ganesh Auditorium, SRM University, Chennai on 17.02.2015 as Chief Guest.

12. **Get in touch with the infinite as Ramanujam** – Presidential talk on ‘Ramanujam Day’ at SSKV Matriculation Higher Secondary School, Kanchipuram on 22.01.2014
13. **Practicing Human Values in Education Sector** – Talk delivered at the Seminar on ‘Practicing Human Values in (Medical, Educational, Legal, Corporate and Administrative) Professions at Sundaram Temple, Chennai on its 34th Anniversary, arranged by Sri Sathya Sai Organizations, Tamil Nadu on 18.01.2015
14. **Serve man to serve God** – Talk at the inauguration the NSS Camp of the Students of SSKV Arts and Science College for Women, Kanchipuram at Damal Village on 23.02.2014
15. **The power of thought** - Talk at the inaugural function of the “Sath Sang” at Sri Sankara Arts and Science College, Enathur, Kanchipuram on 13.06.2013
16. **Five Elements and Five Senses** - Talk in a summer course on Spirituality & Indian Culture to Balvikas students at Kalaimagal Tuition Center, Kanchipuram on 02.05.2012
17. **Eight steps from Zero to Hero** - Talk delivered at the conference hall in Prashanthi Nilayam to a group of youth and devotees from Tamil Nadu, which was on a Pilgrimage to Prashanthi Nilayam on 25.08.2008
18. **Sai’s Message to Youth** - Talk delivered at the conference hall in Prashanthi Nilayam to a group of youth and devotees from Tamil Nadu, which was on a Pilgrimage to Prashanthi Nilayam on 26.08.2008
19. **Nature: The Best Teacher** - Talk delivered at the conference hall in Prashanthi Nilayam to a group of youth and devotees from Tamil Nadu, which was on a Pilgrimage to Prashanthi Nilayam on 27.08.2008
20. **Advice to Youth** - Concluding remarks at the District Youth Conference, Kanchipuram District, Sri Sathya Sai Organizations, Tamil Nadu on 24.06.2007
21. **Guide to Youth: See Good, Do Good & Be Good** - Talk in a summer course on Spirituality & Indian Culture to school students at Sri Ramakrishna Mission Vidyalaya Girls Higher Secondary School, Chengalpattu on 06.04.2007
22. **Living: The Sai Way** - Address to a gathering of first year B.E students at Dhanalakshmi college of Engineering, Chennai on 10.11.2006
23. **Seven Inner Qualities of a Sevadai** - Address at the district level conference of Sri Sathya Sai Seva Organisations, Tirunelveli District at Sri Sai Balagurukulam Matriculation School, Tirunelveli preceded by an interaction with Bal Vikas Teachers on the five methods of Teaching on 24.09.2006
24. **Unity, Purity and Divinity in mans spiritual journey** - Address at the district level conference of Sri Sathya Sai Seva Organisations, Tirunelveli District at Sri Sai Balagurukulam Matriculation School, Tirunelveli on 25.06.2006
25. **Prema and Seva in day to day life** - Address at the district level conference of Sri Sathya Sai Seva Organisations, Tirunelveli District at Sri Sai Balagurukulam Matriculation School, Tirunelveli on 25.06.2006
26. **Prema and Seva in day to day life** - Address at the district level conference of Sri Sathya Sai Seva Organisations, Kanchipuram District at Madras Institute of Technology, Chennai on 23.04.2006
27. **Religion of Love** - Address as Chief Guest at a seminar on “Unity of Faiths” held at Padma Seshadri Bala Bhavan Senior Secondary School, T.Nagar, Chennai on 16.10.2005
28. **Love is Selflessness** - Special Address given on the occasion of the 9th Anniversary of Sri Sathya Sai Seva Samithi, Parvathy Nagar, Chennai on 28.08.2005

29. **Live a life that matters** - In a seminar “Education Towards Human Excellence” organized by Sri Sathya Sai Seva Organisations Chatram Bharathi Higher Secondary School, Kadayam on 31.07.2005
30. **Values for human excellence** - In a seminar “Education Towards Human Excellence” organized by Sri Sathya Sai Seva Organisations Chatram Bharathi Higher Secondary School, Kadayam on 31.07.2005
31. **Live a life that matters** - In a seminar “Education Towards Human Excellence” organized by Sri Sathya Sai Seva Organisations Ramayya Pillai Higher Secondary School, Ilanji on 30.07.2005
32. **Values for human excellence** - In a seminar “Education Towards Human Excellence” organized by Sri Sathya Sai Seva Organisations Ramayya Pillai Higher Secondary School, Ilanji on 30.07.2005
33. **Introduction to Unity of Faiths** - In a seminar on “Unity of Faiths” organized by Sri Sathya Sai Seva Organizations at ARC Marriage Hall, Kanchipuram on 24.07.2005
34. **Ten Commandments from Gita** - At the 147th IAS Study Circle, Chennai on 27.03.2005
35. **Leadership** - In a seminar “Education Towards Human Excellence” organized by Sri Sathya Sai Seva Organisations at TVS Higher Secondary School, Thirukarungudi, Tirunelveli on 26.12.2004
36. **Spirituality in Daily Life** - In a seminar “Education Towards Human Excellence” organized by Sri Sathya Sai Seva Organisations at TVS Higher Secondary School, Thirukarungudi, Tirunelveli on 26.12.2004
37. **Constant Integrated Awareness** - Talk to the Teachers of Sri Sathya Sai Bala Gurukulam Matriculation School, Tirunelveli followed by a Question/Answer Session on Teaching Methods on 18.11.2004
38. **The Four Fs** - Talk to the Students of Sri Sathya Sai Bala Gurukulam Matriculation School, Tirunelveli on 17.11.2004
39. **Life and Teachings of Sri Sathya Sai Baba** - Talk in a Refresher Course on Sri Sathya Sai Educare for the students of Srivatsa Vishwanathan Vivekananda Vidhyalaya, Chitlapakkam, Chennai on 09.10.2004
40. **Spiritual Based Leadership** - In a seminar “Education Towards Human Excellence” organized by Sri Sathya Sai Seva Organisations at Sairam Polytechnic College, Tambaram, Chennai on 28.08.2004
41. **Parenting** - Key Note Address given during an Induction Programme for First Year Students & Parents at Sri Sairam Polytechnic College, Tambaram, Chennai on 05.07.2004
42. **Sri Sathya Sai Educare** - At the IAS Study Circle, Chennai on 28.02.2004
43. **Prize to the Prize Givers** - Presidential Address given in a Felicitation to prize winning students at S.S.K.V Matriculation Higher Secondary School, Kanchipuram on 19.02.2004
44. **Value Based Education** - In a seminar “Education Towards Human Excellence” organized by Sri Sathya Sai Seva Organisations at Padma Seshadri Bala Bhavan Senior Secondary School, T.Nagar, Chennai on 14.02.2004