DEPARTMENT OF MATHEMATICS

SRI CHANDRASEKHARENDRA SARASWATHI VISWA MAHAVIDYALAYA (SCSVMV)

(Deemed to be University u/s 3 of UGC Act 1956)   (Accredited with "A" Grade by NAAC)

Enathur, Kanchipuram-631561.

GANITH VAARTHA

ABOUT THE DEPARTMENT

The Department of Mathematics, established in 1994, aims to impart state of the art knowledge, practical skills in the latest advancements in the respective domain to achieve excellence in both academic and research perspectives. The department fosters excellence in B.Sc., M.Sc., and research programs (M.Phil. and Ph.D) and acts as a supporting department to all courses B.Sc.(CS), B.C.A, M.C.A and department has qualified and goal-oriented 21 faculty members who are actively involved in diverse areas such as Algebra, Graph Theory, Queuing Theory and Operations Research. Interdisciplinary research is also encouraged. The department is strengthened by a faculty team of 21 members among which 15 are doctorates and 2 faculty members have submitted their theses. So far 23 Ph.D degrees have been awarded and more than twenty five scholars are pursuing research under the department. The focus on research promotes the publications and 237 research papers were published in the last five years.

GREETINGS FROM DEPARTMENT CHAIR

It is a great pleasure to extend my heartfelt greetings to the readers of the fourth edition of Ganitha Vaartha, department news letter. I sincerely hope that you will enjoy reading about the accomplishments of our faculty. The Newsletter is published twice in a year. This issue contains the activities about our department from January to June, 2018. I am very happy to share that five of our staff members have defended their thesis during this period. The department is regularly organizing workshops, seminars, quality enrichment programs, research colloquiums etc., to be familiar in the latest trends in Mathematics and Career guidance programs and skill development courses are introduced for our students to face the competitive world. The department has organized an International Conference on Pure and Applied Mathematics, Winter Refresher Course and Helix in this period. The department is conducting various competitions such as Quiz, Paper Presentation, Logo Matchy, Words Worth, What Comes Next?, Doodles, Android Games etc., to bring out the talents of the students and also our students are encouraged to actively participate in various competitions organized by other departments.

FACULTY TEAM

Dr. K. Srinivasa Rao

Sl.No.	Name	Designation	Area of Specialization
1.	Prof.Dr.T.Venugopal	Professor	Functional Analysis
2.	Prof.Dr.K.SrinivasaRao	Professor & Head	Algebra
3.	Dr.N.Saradha	Assistant Professor	Graph Theory
4.	Dr. R.Malathi	Assistant Professor	Multi Valued Logic
5.	Dr. D.Vijayalakshmi	Assistant Professor	Graph Theroy
6.	Dr. E.Geetha	Assistant Professor	Fluid Dynamics
7.	Dr. R.Mageswari	Assistant Professor	Graph Theory
8.	Dr. P.Nagarajan	Assistant Professor	Queuing Theory
9.	Mr. P.Balaji	Assistant Professor	Petri Nets
10.	Dr. S.Vijayabarathi	Assistant Professor	Algebra
11.	Dr.K.Pramila	Assistant Professor	Fuzzy Set Theory
12.	Dr.J.SengamalaSelvi	Assistant Professor	Applied Mathematics using ICT
13.	Mr.V.K.Radhakrishnan	Assistant Professor	Operations Research
14.	Dr. A.Dhanalakshmi	Assistant Professor	Graph Theory
15.	Dr.K.Bharathi	Assistant Professor	Operations Research
16.	Dr.T.N.Kavitha	Assistant Professor	Algebra
17.	Dr. A.Gayathri	Assistant Professor	Mathematical Physics
18.	Mrs.B. Amudha	Teaching Assistant	Real Analysis
19.	Mr. K.Saravanan	Teaching Assistant	Graph Theory
20.	Ms. R. Kalaiarasi	Teaching Assistant	Real Analysis
21.	Mrs .A. Shakila	Teaching Assistant	Graph Theory

PROGRAMS ORGANIZED BY THE DEPARTMENT
INTERNATIONAL CONFERENCE ON PURE AND APPLIED MATHEMATICS

The Department of Mathematics organised an International Conference on Pure and Applied Mathematics (ICPAM 2018) on 19th and 20th February 2018. 135 participants registered for the event. ICPAM 2018 began with the welcome address by Prof. Dr. K. Srinivasa Rao and a briefing by Mrs. D.Vijayalakshmi on the objectives of the conference. The presidential address was delivered by the Vice Chancellor Dr.V.S.Vishnu Potty, which was followed by the Inaugural address by Dr. G. Srinivasu, the Registrar of the University. Prof Dr. T. Venugopal (COE & Director.Research and Publications) felicitated the gathering. The inaugural session ended with the proposal of vote of thanks by Dr. E.Geetha

On 19.02.2018, the academic session consisted of inspiring lectures by

Prof. Dr Ismail Naci Cangul, Uludag University, Bursa, Turkey,
Prof. Dr J. K Verma, IIT, Bombay,
Prof. Dr P. Srinivasa Rao, IIT, Dhanbad and
Mr. K.Srinivasa Raghava, Member, All India Ramanujan Mathematical Club

Prof. Dr. Bivudutta Mishra, BITS-Hyderabad

On 20.02.2018 the academic session consisted of lectures by
Prof. Dr. A. Jayalakshmi, (Retd.) SCSVMV, Kanchipuram
Dr. Jaya subba Reddy, S.V.University, Tirupati.
Dr. Vichian Laohakosol, Kasetsart University,
Prof. Dr S. Sreenadh, S.V.University,Tirupati and
Dr. Muthucumaraswamy, S.V.College of Engineering, Chennai, on recent development in mathematical fields.

Prof. Dr. S. Balaji, Dean, Faculty of Science delivered the valedictory lecture and distributed certificates to the participants. Dr. A. Dhanalakshmi compiled and presented the Conference report and Dr. A. Gayathri proposed the vote of thanks.

WINTER REFRESHER COURSE IN MATHEMATICS

The Department of Mathematics organized a Winter Refresher Course in Mathematics during February 1 - 3, 2018. Prof. Dr K. Srinivasa Rao, Professor and Head, Department of Mathematics and the convener of the programme welcomed the gathering. Prof. Dr S. Balaji, Dean, Faculty of Science and Prof. Dr T. Venugopal, Controller of Examinations and Director, Research & Publications delivered the felicitation lectures. The organizing secretaries, Dr. R. Malathi and Mr. V.K. Radhakrishnan, introduced the speakers.

THE PROGRAMME COMPRISED LECTURES ON :

Abstract Algebra by Prof. Dr K. C. Raajasekar, Assistant Professor of Mathematics,
Presidency College, Chennai;

Real Analysis by Prof. Dr V. Thangaraj, Retired Professor and Director of Mathematics,
RIASM, University of Madras, Chennai;

Graph Theory by Prof. Dr R. Sampath Kumar, Professor and Head, Department of Mathematics,
Annamalai University, Chidambaram;

Probability & Random Processes by Prof. Dr S. Udayabaskaran, Professor of Mathematics,
Vel Tech University, Chennai;

Statistics by Prof. Dr T. Venugopal, Professor of Mathematics, Controller of Examinations,
Director, Research & Publications, SCSVMV;

Linear Algebra by Prof. Dr K. Srinivasa Rao, Professor and Head, Department of Mathematics, SCSVMV

Prof. Dr Mahendra K. Gupta spoke on How to prepare for NET, GATE, M.Sc, PhD Entrance Examinations. The programme targeted the Post – graduate students and final year under –graduate students with an aim to create interest in the fields of Abstract and Applied Mathematics. About 100 students participated in the programme.

WORLD MATHEMATICS DAY - HELIX-18
(AN INTERCOLLEGIATE MATHEMATICS MEET)

The World Mathematics Day was observed on 23rd March, 2018 with an invited lecture on 'Power of Mathematics' by Dr. C. Vijayalakshmi,   Professor of the Mathematics, VIT, Chennai. Previously, the convener of the programme, Prof. Dr. K. Srinivasa Rao, Professor and Head, Department of Mathematics delivered the welcome address and Dr. J.Sengamalaselvi, organizing secretary of the programme introduced the speaker. Prof. Dr. S. Balaji, Dean, Faculty of Science and Prof. Dr T. Venugopal, Controller of Examinations and Director, Research & Publications offered felicitations . A number of competitions such as Power Point Presentation, LOGO Matchy, Words Worth, What Comes Next?, Doodles, Quiz, Android Games, Correlate were held for students. The events were judged by faculty members from various departments.

OUTREACH PROGRAMMES

1. Dr. K.Srinivasa Rao, delivered a talk on Mathematical Applications at the Department of Mathematics, S.S.K.V. College of Arts and Science for Women, Kizhambi, Kanchipuram, Tamilnadu on 8th January, 2018

2. Dr.J.Sengamalaselvi and Dr. T.N.Kavitha, Assistant Professors of Mathematics, served as Resource persons in the National workshop on 'Math with open source software' organized by the Department of Mathematics, Kanchi Shri Krishna Arts and Science College, Kilambi, Kanchipuram on 01.02.2018.

3. Dr.K.Srinivasa Rao, Professor & Head, Department of Mathematics, delivered an invited talk on Hosoya Polynomial and Wiener Index of Concatenated Octachains at International Conference in Mathematics, Computers & Physical Sciences-2018, organized by International Multidisciplinary Research Foundation, Chandigarh, Chandigarh Academic Chapter, India, during 22-24 February, 2018

4. Dr.K.Srinivasa Rao, Professor & Head, Department of Mathematics, chaired the Paper Presentation session at International Conference in Mathematics, Computers & Physical Sciences-2018, organized by International Multidisciplinary Research Foundation, Chandigarh, Chandigarh Academic Chapter, India, during 22-24 February, 2018.

5. Mrs.D.Vijayalakshmi, Assistant Professor of Mathematics was the chief guest for the one day seminar MATRIX - 2018 organized by the Department of Mathematics, Annai Teresa Arts and Science College, Mangalam, Thirukazhukundram, Kanchipuram on 27.02.2018. She also served as a Resource person in the seminar

6. Mrs.D.Vijayalakshmi, Dr.A.Dhanalakshmi, Mrs. K.Bharathi Assistant Professors of Mathematics participated as Resource persons in a programme conducted by Government High School, Musaravakkam, Kanchipuram on 9th March 2018 for encouraging the students to face the examinations without fear and to motivate them to enhance their performance in mathematics

7. Dr.K. Srinivasa Rao, delivered an Invited talk on MATLAB at the Department of Mathematics, Sri Venkateswara University, Tirupati on the eve of Pi Day Celebrations on 14th March 2018

8. Dr. J.Sengamalaselvi, Assistant Professor of Mathematics, delivered an invited lecture on Geometry and graph representation of Higher Secondary Mathematics education through visual math on 14.03.2018 at the Government High School, Vaiyavoor, Kanchipuram.

9. Dr.R.Malathi, Dr.J.Sengamalaselvi and Dr.T.N.Kavitha, Assistant Professors of Mathematics, acted as the Resource Persons in the National workshop on Math with open source software in the Wisdom Women's Arts and Science College, Anakkavoor, Cheyyar on 28.03.2018
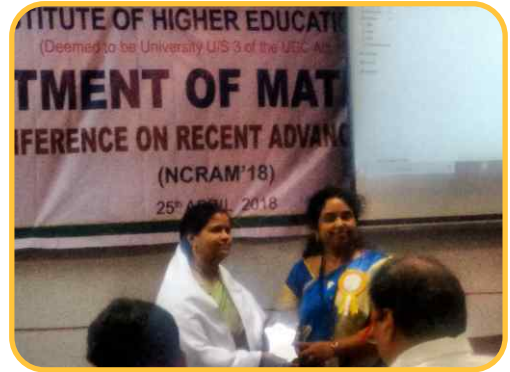

10. Dr. K.Srinivasa Rao, delivered a guest Lecture on Complex Analysis at the Department of Mathematics, Adhi College of Engineering and Technology, Sankarapuram, Puliambakkam Post, Tamilnadu on 20th April, 2018

11. Dr. K. Srinivasa Rao, delivered a lecture on MATLAB and Its Applications at the Department of Mathematics, Kasetsart University, Bangkok, Thailand on 23rd May 2018

12. Dr. J.Sengamalaselvi, Assistant Professor of Mathematics, acted as a Chair Person in the National Conference on Recent Advances in Mathematics(NCRAM-18) in the St.Peter's University of Higher Education and Research Institute, Avadi on 25.05.2018

13 Dr.P.Nagarajan and Mrs.R.Mageswari organized the following NSS Programmes

(i) NSS special camp at Vaiyavoor Government Hr. Sec. School from 08/03/2018 to 14/03/2018.The NSS volunteers usefully interacted with the villagers.

(ii) Visit to Sivanandar Saraswathi Sevashram at Kattankulathur on 21.04.18.

DEPARTMENT ACTIVITIES

1. Mrs N.Saradha defended her thesis entitled as Studies in Graph theory with special reference to equivalence sets SCSVMV, Kanchipuram, on 02.04.2018.
2. Mrs.K.Pramila defended her thesis entitled as Ranking the Alternatives with Risk Analysis and Confidence Levels in Fuzzy Multi Criteria Decision Making Problems (FMCDM) at SCSVMV, Kanchipuram, on 18.04.2018.

3. Mrs. D.Vijayalakshmi defended her thesis entitled as Application of Graph theoretical methods in Protein Analyses at SCSVMV, Kanchipuram, on 23.04.2018.

4. Mrs.R.Mageswari defended her thesis entitled as Study of Protein Characteristics Using Graph Theoretical Techniques and Contact Maps at SCSVMV, Kanchipuram, on 23.04.2018

5. Three doctoral committee meetings of external candidates were conducted during the months of January-June 2018.

6. Mrs.K.Bharathi defended her thesis entitled as Evolutionary Algorithm in Multi Objective Optimization at VIT, Chennai, on 20th of June 2018.

7. Industrial Visit: 31 students from B.Sc & M.Sc -Mathematics. Visited High Field Tea factory at Coonoor on 07.04.18 and 08.04.18. The faculty members Dr.P.Nagarajan, Mr.V.K.Radhakrishnan, Mrs.B.Amudha, and Ms.R.Kalaiarasi.

JOURNAL PUBLICATIONS

1. T.Venugopal, S.Indira priyadarshini, Optimal Distribution of Vegetables from a Group of Dealers to Different Whole Sale Customers on a Typical Day International Research Journal of Mathematical Sciences,Vol.7,Issue 1, 2018

2. A.Kanchana, K.Srinivasa Rao, Distinct Minimized Equation from Unique Boolean Function in Simple Truth Table Logic, International Journal of Pure and Applied Mathematics, ISSN: 1311-8080 ,Volume 116,No.23, pp: 115-119

3. N.Saradha, V. Swaminathan, P.Anjali Triple Connected Complementary Tree Equitable Domination, International Research Journal of Mathematical Sciences,Vol.7, Issue 1, 2018, PP 340-343. ISSN: 2278-8697.

4. N.Saradha, V. Swaminathan , S.Arumugam Global Triple Connected Complementary Acyclic Domination, International Research Journal of Mathematical Sciences,Vol.7, Issue 1, 2018, PP 78-80, ISSN: 2278-8697.

5. N. Saradha,V. Swaminathan, K.Amudhavalli,.Strong efficient triple connected domination , International Research Journal of Mathematical Sciences,Vol.7, Issue 1, 2018, PP 316-.319, ISSN: 2278-8697.

6. R.Malathi & Babu.N, Perfect and Efficient Edge Domination in Graphs, International Research Journal of Mathematical Sciences,Vol.7, Issue 1, 2018, PP 299-304, ISSN: 2278-8697.

7. R.Malathi & Balamurugan.D, Connected Domatic Number of a Graph, Mathematical Sciences International Research Journal,Vol.7,Issue 1, 2018 PP 295-298, ISSN: 2278-8697.

8. R.Malathi & Bangarappa.G, Unique Minimum Edge Domination in Trees,.Mathematical Sciences International Research Journal,Vol.7,Issue 1, 2018, PP 292-294, ISSN: 2278-8697.

9. Vijayalakshmi. D, Hemalatha .S, Protein Similarity/ Dissimilarity study using Moment Vector by Non – Homologous method. Mathematical Sciences International Research Journal Vol 7 Spl issue 2018 ISSN 2278 – 8697, 81-85.

10. Vijayalakshmi. D, Anandraj. T, Comparative Analysis of Methods for Protein Similarity and Dissimilarity using Graphical Representation. Mathematical Sciences International Research Journal Vol 7 Spl issue 2018 ISSN 2278 – 8697, 1-7.

11. Vijayalakshmi. D, Geethanjali. P, Similarity/ Dissimilarity study of Protein in Non homologous way using Root Mean Square. Mathematical Sciences International Research Journal Vol 7 Spl issue 2018 ISSN 2278 – 8697, 73-77.

12. Vijayalakshmi. D, Shakila.B, Measurement of Similarity/ Dissimilarity study of Protein using polarity of Amino acids. Mathematical Sciences International Research Journal Vol 7 Spl issue 2018 ISSN 2278 – 8697, 53-57.

13. Mageswari.R, Meena.V, Finding Residues Residing at the Protein Core and Protein Surface Using Graph Theoretical Techniques, International Research journal of Mathematical Sciences, Vol.7,Issue 1, 2018, PP 192-195, ISSN: 2278-8697.

14. Mageswari.R, M.Kalpana, Finding Graph of the Protein from its Contact Map, International Research journal of Mathematical Sciences, Vol.7, Issue 1, 2018, PP 196- 200, ISSN: 2278-8697.

15. Mageswari.R, Similarity / Dissimilarity of Protein Structures Through Strength of Nodes, International journal of Mathematical Sciences,2018, PP 219-224, ISSN: 2278-8697.

16. E.Geetha, M.Anushalini, R.Muthucumaraswamy, Impact of Thermal radiation on an unsteady copper-water nanofluid flow past over an infinite vertical plate with variable temperature, International Research Journal of Mathematical Sciences, Vol.7, Issue 1, 2018, PP. 8 – 16, ISSN 2278 – 8697.

17. E.Geetha, Effects of thermal radiation of an unsteady convectiveAl2O3 nanofluid flow past on vertical plate in a porous medium, International Research Journal of Mathematical Sciences, Vol.7, Issue 1, 2018, PP 56 - 64, ISSN 2278 – 8697.

18. E.Geetha, Effects of Heat transfer of an unsteady nanofluid flow past over an isothermal vertical plate in the presence of thermal radiation, International Research Journal of Mathematical Sciences, Vol.7, Issue 1, 2018, PP 65 - 72, ISSN 2278 – 8697.

19. E.Geetha, Magneto Hydrodynamic effects on a transient Al2O3 nanofluid past over an vertical plate, International Research Journal of Mathematical Sciences, Vol.7, Issue 1, 2018, PP 148 - 156, ISSN 2278 – 8697.

20. P.Balaji D.Dinakar ,Analysis of Marked Graph of Cases of Deadlock Using Sign Incidence Matrix and Their Conversion into Digraphs, International Research Journal of Mathematical Sciences, Vol.7, Issue 1, 2018,PP 252-257, ISSN 2278 – 8697.

21. P.Balaji   G Balamurugan ,Analysis of Marked graph of cases of assembling plan using Sign Incidence Matrix and its conversion into digraphs, International Research Journal of Mathematical Sciences, Vol.7, Issue 1, 2018, PP 258-263, ISSN 2278 – 8697.

25. P.Balaji I Davidraj, Analysis of Marked graph with equivalent critical place using Sign Incidence Matrix and its conversion into Digraphs, International Research Journal of Mathematical Sciences, Vol.7, Issue 1, 2018,PP 264-270, ISSN 2278 – 8697.

26. P.Balaji M Devarajulu ,Digraph of the Marked graphs of a Machine that process one job at at a time and basic Schema of Production State, International Research Journal of Mathematical Sciences, Vol.7, Issue 1, 2018, PP 271-274, ISSN 2278 – 8697 .

27. P.Balaji I Davidraj, Analysis of Digraphs of NON_Deadlock free FMS and Machining station with Four Machines and Two Robots, International Research Journal of Mathematical Sciences, Vol.7, Issue 1, 2018, PP 275-278, ISSN 2278 – 8697.

28. Vijayabarathi.S, Annihilator ideals of Pre A*-algebra, International Research Journal of Mathematical Sciences, Vol.7, Issue 1, 2018, PP 372-376, ISSN 2278 – 8697.

29. Vijayabarathi.S, Laplace expansion in Rhotrix, International Journal of Mathematical Archieve(2018) 9(4),PP 45-48.

30. K.Pramila,"Solving Integer Programming Problems Using MATLAB", Mathematical Sciences International Research Journal , Vol 7 Issue 1, 2018, PP.123-130, ISSN 2278 – 8697.

31. K.Pramila, P.SebastiSuganya, " Cost Effective and Very Cost Effective Bipartition of Few Families of Graph", Mathematical Sciences International Research Journal , Vol 7 Issue 1, 2018 PP 100-106, ISSN 2278 – 8697.

32. K.Pramila, D.Ramya, "Application of Graph Theory in Traffic Control Problem",Mathematical Sciences International Research Journal ,Vol 7 Issue 1,2018, PP 241-245, ISSN 2278 – 8697.

33. J.Sengamalaselvi, T.Latha, T.Venugopal ,Optic Math of linear programming problem and Graphical method using   the open source   software, International Research Journal of Mathematical Sciences, Vol 7 Issue 1,2018, PP 137-142, ISSN 2278-8697.

34. J.Sengamalaselvi, V.Nalini, T.Venugopal, Visual Math of Secondary Mathematics Education in the Area of Geometry using Geogebra, International Research Journal of Mathematical Sciences, Vol 7 Issue 1,2018,PP 143-147, ISSN 2278-8697.

35. J.Sengamalaselvi, K.Murugasen, An Analytical Method for finding Critical path in a Fuzzy project Network , International Research Journal of Mathematical Sciences, Vol 7 Issue 1,2018, PP 131-136 ,ISSN 2278-8697 .

36. J.Sengamalaselvi, Visual Graph of Higher Secondary Mathematics Education using the open source Software , International Journal of Engineering Sciences and Technology, Vol .7   Issue 6, 2018, PP 406 -411 , ISSN:2277- 9655.

37. V.K. Radhakrishnan, Exhibiting Railway Junctions as Steiner Points, International Research   Journal of Mathematical Sciences, Vol 7 Issue 1,2018, PP 44-47 ,ISSN 2278-8697 .

38. V.K. Radhakrishnan, J. Senthilkumar, Object Oriented Approach to Travelling Salesman Problem International Research Journal of Mathematical Sciences, Vol 7 Issue 1, 2018, PP 237-240 ,ISSN 2278-8697.

39. V.K. Radhakrishnan, B. Shanmugam,Nurse Scheduling Problem using Linear Programming Problem for Day-wise Schedule in Journal of Statistics and Mathematical Engineering, Vol. 4, Issue 1 (2018), PP 1-7.

40. Dhanalakshmi.A, Sivakumar. C,Kekule Indices of Circumcoronene, Mathematicsl Science international research journal, Vol.7, Issue 1,2018, PP 107-111, ISSN 2278-8697.

41. Dhanalakshmi.A, Thamarai Lakshmi.S, Computational Method Of An Incompressible Viscous Couettee Flow By Means Of Crank Nicolson Technique And Thomas Algorithm, Mathematicsl Science international research journal, Vol. 7, Issue 1, 2018,PP 112-118, ISSN 2278-8697.

42. K.Bharathi, C.Vijaylakshmi, Evolutionary Analysis for Optimization Model with the Design of Job Shop Scheduling, Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 03-Special Issue, 2018,   PP 1119-1123, ISSN 1943-023X

43. K.Bharathi, C.Vijaylakshmi, Design and Review of Optimization using Evolutionary, Mathematical Sciences International Research Journal, ISSN: 2278 - 8697 (printed version), Vol. 7 Issue 1, 2018, PP 157-160, ISSN 2278-8697.

44. T. N. Kavitha, A. Jayalakshmi, Some relations on a right near idempotent semigroup, Mathematical Sciences International Research Journal, Vol 7, issue 1,2018,PP 335-340,ISSN 2278-8697,.

45. M.Uma Priya, T. N. Kavitha, Application of Neuro- Fuzzy controller in finding the Quality of Jaggery, Mathematical Sciences International Research Journal, Vol 7, issue1, 2018, PP 344-349, ISSN 2278-8697

46. T. N. Kavitha, A. Jayalakshmi, A Special case of near idempotent semigroup, Journal of Global Research and Mathematical Archives, Vol 5, issue 5, 2018, PP 335-340, 2018, ISSN 2320- 5822.

47. A.Gayathri, A study on higher order triangular sum numbers of polyhedral and graceful graphs, Mathematical Sciences International Research Journal, Vol 7, issue -1,2018, PP 48-55, ISBN: 2278-8697.

48. A.Gayathri, T.Venugopal, A Numerical study of comparative analysis of Experimental and Theoretical viscosities of Binary mixtures of few polymer systems, Mathematical Sciences International Research Journal, Vol 7, issue -1,2018, PP 350-354 , ISBN: 2278-8697.

CONFERENCE PROCEEDINGS (FULL PAPER) PUBLICATIONS

1. Gnanasakthi.S , K.Srinivasa Rao, Inducing Pre A*-Algebras, Proceedings of International Conference on Pure and Applied Mathematics, 2018, PP 231-236 , ISBN 978-93-87088-01-6.

2. R.Malathi, T.Venugopal, Three Valued Logic on Complex Logical Variables, 2018, PP 497-504, ISBN: 978-93-87088-01-6.

3. A.R.Shoba, R.Malathi, Properties Relating to The Notions of Fuzzy Graph, Proceedings of International Conference on Pure and Applied Mathematics, 2018, PP 493-496, ISBN: 978-93-87088-01-6

4. Vijayalakshmi. D, Anandraj. T, Evaluation of Methods of Protein Similarity and Dissimilarity study using Graphical Representation. Proceedings of the International Conference on Pure and Applied Mathematics – 2018, PP 209-216, ISBN 978-93-87088-01-6.

5. Nagarajan.P and Kishore Kumar N and Muniappan R , An M/GK/1 queue with unreliable server and with compulsory vacation Two stages of service, Delay time, proceeding of International Conference on Pure and Applied Mathematics, 2018. PP 309-320, ISBN 978-93-87088-01-6

6. Nagarajan.P Krishnaveni V, An M/GK/1 with unreliable server, compulsory vacation and with delay time, proceeding of International Conference on Pure and Applied Mathematics, 2018. PP 321-330, ISBN 978-93-87088-01-6

7. Nagarajan.P and Lakshmi, An M/GK/1 queue with unreliable server, Bernoulli vacation, Two stages of service and with Delay time, proceeding of International Conference on Pure and Applied Mathematics, 2018. PP 331-342, ISBN 978-93-87088-01-6.

8. Vijayabarathi.S,A.Palanivel, Power of Rhotrix, Proceedings in the first International conference on Pure and Applied Mathematics, PP 135-138 ISBN: 978-93-87088-01-6.

9. Vijayabarathi.R.Rajesh, Transcendental number is countable, Proceedings in the first International conference on Pure and Applied Mathematics, PP 139-142, ISBN: 978-93-87088-01-6

10. Vijayabarathi.S,M.Raja, Odd mean and even mean labeling is countable, Proceedings in the first International conference on Pure and Applied Mathematics, PP 143-148, ISBN: 978-93-87088-01-6.

11. V.K. Radhakrishnan, M. Sivakumar, Nurse Shift Schedule using Linear Programming Model, Proceedings of International Conference on Pure and Applied Mathematics, ISBN: 978-93-87088-01-6.

12. V.K. Radhakrishnan, T. Venugopal, Optimisation of Weighted-Node Network Problems, Proceedings of the National Conference on Recent Developments in Mechanical Engineering and Modern Techniques, ISBN: 978-93-81208-60-1.

BOOK PUBLICATIONS

1. Vijayabarathi.S Analytical Geometry 2D& 3D published by SCSVMV Press, ISBN:978-93-87088-20-7, edition-1, vol-1.

2. T.N.Kavitha A Text Book of classical Algebra published by SCSVMV Press, ISBN:978-93-87088-15-3, edition-1, vol-1.

SUMMARY OF ACADEMIC ACHIEVEMENTS DURING JANUARY-JUNE 2018

Number of Publications	No.of seminars/workshops etc.,organized by the department	No.of paper presented in national/international conferences	No.of seminars/workshops etc., attended	No.of outreach activities	Awards received
62	3	82	10	12	1

Any criticism, opinions and encouragement will be highly appreciated by the editors of the Newsletter