

**SKNS PMC VIVEKANANDA VIDYALAYA JUNIOR COLLEGE  
PERAMBUR, CHENNAI-11**

**Celebration of GANIT (Growing Aptitude in Numerical Innovations & Training)  
Week:**

*“The pulse of the Earth is Mathematics”*

SKNS PMC Vivekananda Vidyalaya, Perambur conducted a Maths Expo ‘ Ganitha Pravaham’ on 22.12.2014 at 9.00 a.m Sri. D.T.Sudharsan Rao-Joint Secretary and Regional Officer CBSE Chennai, Dr. P.Iyamperumal M.E., Ph.D-Executive Director Tamil Nadu Science and Technology Centre, Dr. G.P.Youvaraj Ph.D-Associate Professor Ramanujam Institute for Advanced Study in Mathematics, University of Madras adorned the chairs for the inaugural function.



Sri. T. Chakravarthi-Secretary of V.E.S briefed about Ganitha Pravaham welcomed the gathering and introduced the guests of Honour. Sri. D.T. Sudharsan Rao unveiled the logo bearing the portrait of the Mathematics genius Sri. Srinivasa Ramanujan as a prelude to the inauguration. He appreciated the students for their warmth and discipline. The younger generation must be made known about the great mathematicians of our Nation through such Maths Expos. He opined that holistic education is possible through teaching, peer learning, self learning and learning through experience. An inspiring teacher can make mathematics lovable and interesting.



Dr. Iyamperumal expressed his opinion that Ganitha Pravaham kindles and ignites the young minds. Indians have contributed a lion's share in the field of Mathematics without which the discoveries would have been incomplete and impossible.

Dr. Youvaraj in his address highlighted the vital role played by the teachers in moulding the children. He felt that it is hypothetical that mathematics is a difficult subject. Mathematics is used in all walks of life practically CBSE is making a great headway to create thinkers. The study of Mathematics leads to logical and analytical thinking.

***'Gratitude is the memory of Heart'***

Principal Smt. B. UshaRani proposed vote of thanks giving a gist of the Ganit week celebration from 16<sup>th</sup> December to 21<sup>st</sup> December. She assured that Mathematics would be taught in an interesting way to develop the creativity of the students.



Mathematics is a great motivator of all humans. Mathematics has played a vital role in building up modern civilization. The study of Mathematics enhances the logical and

analytical thinking and enables better understanding of sciences. To commemorate the birth anniversary of Sri.SrinivasaRamanujan Mathematics legend, who made extraordinary contributions to mathematical analysis, number theory, infinite series and fractions and also to kindle the interest and motivate students for research work and to remove the Maths phobia, GANIT week was celebrated from 16.12.2014 to 22.12.2014.

**16.12.2014: Lecture on Mathematics by Eminent scientists:**



The Ganit week Celebration started on 16.12.2014 at 2.30 p.m. The celebration commenced with invocation. Our Principal Smt. B. UshaRani welcomed the Guest of honour and introduced him. Nearly 40 students from X, XI and XII were the beneficiaries.



Dr. T.Arivudainambi M.Sc, MCA, Ph.D Prof. Engineering College, Guindy took up the platform. He opined that teachers of Mathematics are well known for their meticulous planning and systematic approach. He motivated our students to take up research courses in Mathematics in future studies. He gave a power point presentation on the usage of Mathematics in all walks of life. He answered the questions raised by students. The programme ended with SanthiMantra.

**17.12.2014 : Essay Writing Competitions:**



On 17.12.2014 Essay writing competition was conducted for the students of IX std. The topic was ***“Mathematics Legend-Sri. Ramanujan”***.

Children were asked to write essay either in English or Tamil. The time duration was 1 hour and 30 minutes. Totally 208 children participated in this competition.

**18.12.2014: Quiz Competitions:**



On the third day of Ganit Week, a Mathematics quiz competition was conducted for class VIII. Six teams contested in the competition with each team consisting of 3 students. Three rounds of questions were asked. At the end of the third round, the winner and runner teams were declared. The prizes for winners will be given on the culmination function on 22.12.2014. The audience was the students of class VIII. The competition found to be useful for our students.

**19.12.2014: Experience sharing on innovation by teachers and students:**

Senior teachers and X std students indulged in interaction and arrived at an inference to carry out the following aspects namely assignments on High Order thinking skills, Derivation of formulae, Time Management and short cut methods to solve the problem easily.

***The following points were discussed by the students***

1. Home work correction
2. Regular assignment
3. Derivation for formulae is needed.

4. Correction process for the shortcut method
5. Tips for time management in Board Exam
6. Question paper setting by students
7. Activity based method
8. Students should be given chance to work out sums on black board
9. One of the X std students explained the shortcut method of multiplication

Teachers of X std gave their suggestions for the queries raised by students.

Smt. Kamalakshi Vijayan Senior Mathematics Teacher interacted with students by sharing her experiences.

**20.12.2014: Screening of films produced by Vigyan Prasar:**



A video on 4<sup>th</sup> dimension by Vigyan Prasar was screened to students of classes IX and X. This video created an interest in children about space and dimensions.

***22.12.2014: Origami and poster competition to be followed by a formal culmination function:***



Prizes were given to the selected posters and Origami.

***VALEDICTORY FUNCTION OF GANITHA PRAVAHAM(MATHS EXPO)-***

***DATE:22.12.2014***

***TIME: 4.00 p.m***





The valedictory function of Ganitha Pravaham started with invocation at 4.20 p.m sharp. Dr. Y. Sarada Ph.D, Professor Dept. of Mathematics, College of Engineering, Guindy, Anna University, Thiru. N. R. Srivatsan and N.R. Sharanyan, Producers of the film Ramanujam.

Shri. U. Sundar M.Sc., M.Phil, Samyuktha Prantha Boudhik Pramukh R.S.S Tamil Nadu made the school proud by their august presence. Sri. S.Ramachandran, Hon.Correspondent welcomed the gathering and introduced the eminent dignitaries.



Dr. Sarada was captivated by the efforts put in by teachers and the taught. Mathematics represents a high level of abstraction of the high minds. Decimal was first recorded in Indian Mathematics which forms the foundation of many areas of Mathematics. The

evidence of practical Mathematics can be seen in the records of Mohenjodaro and Harappa Civilization. Mathematics prevails everywhere and is indispensable. She insisted that Mathematics should be practiced and not glanced.

Shri. N.R.Srivatsan said that the invitation designed by the school stands testimony to the meticulous planning of the teachers. He appreciated the students for their vivid explanation about the exhibits. Shri. N.R. Sharanyan expressed his joy about the excellent brain of Indians. He was wonder struck by the knowledge of the students in Vedic Maths. They insisted on self introspection and realization. They spoke about the determination of Mathematics legend Srinivasa Ramanujan who faced umpteen numbers of trials and tribulations before he tasted success. He also added that one must identify one's talent and work towards it so that Society and the Country would get the optimum benefit.



Prizes were distributed to the winners of various exhibits and competitions by Shri. U.Sundarji.Smt. S. Padmini, Vice Principal of Vivekananda Vidyalaya Perambur thanked the guests profusely. The programme came to an end with Shanthi Padal.

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