

NRI page

- Saakshi.

Medhavadhanam

Date : July 28, 2007 Time : 10 A.M.

Venue : Thornhill Library.

On July 28th morning 10 A.M., Thornhill Library premises was busy and little kids running here and there. Out of them Seven kids were about to take a special role in the event about to start. Their parents, friends, relatives, brothers and sisters were happy and excited to see them on the stage. Due to inexperienced organizers the program started 15 minutes late. The chief guest of the program, Smt. Smitha Rajan (a well known Mohiniyattam, Kathakali and Bharata Natyam artist & teacher), arrived the program well before time despite her busy schedules. Mrs. Surekha Machiraju (Avadhani's wife) invited Chief guest onto stage and introduced her to the audience. Later Smt. Smitha Rajan spoke about the importance of a Teacher, how to respect a teacher, Teacher-Student relation etc. and explained and expressed in few words about Sri Srinivasa Ramanujan Mathematics Club.



Smt. Smitha Rajan

The responsibility of organizing program is mostly taken by the parents of 'Srinivasa Ramanujan Mathematics Club participants'. This shows their interest towards the program. Thanks to Mr. M.V. Krishnarao, his wife Smt. Madhavi, Mr. Srinivas Kompalli, his wife Smt. Praveena, Mr. Sreekanth Gutala, his wife Smt. Jaya Lakshmi, Mr. Ramakanth Vogirala, his wife Smt. Lakshmi, Mr. Kamesh Kadiyala, his wife Smt. Madhavi, Mr. Satya Baragada, his wife Smt. Phani Baragada, Smt. Jugesh Anand, her mother, Mr. Pranesh, his wife Smt. Rama Rayachoti, Mr. Ravi Pasupuleti, his wife Smt. Lakshmi, Smt. Manjula and many more who contributed for the success of the event. While deeply involving in the program, the witnessed Saakshi might have missed some names. Please forgive him with open heart.

After that Krishna Rao invited Sreenivasa rao Ainapurapu, the person who organized Mathematics Club (Avadhani for today's program), onto stage. He spoke about Sanghamitra and Srinivasa Ramanujan Mathematics Club.

He mentioned Mahatma Gandhi's quotation "**You should be the change that you want to see in the Society (World).**" In which he replaced 'World' with 'Society', which is 'Sangha', the community we live in. He expressed that the 'WE' used frequently is not self respect, but representation of the group. He also explained that Sanghamitra,

daughter of the great emperor Ashoka, traveled while spreading Buddhism in Burma, Cambodia and other places.



Audience watching the program with anxiety.

He expressed that Sanghamitra means friend of Society and is a non profit organization working towards universal brotherhood. He stated that If our hand gets hurt, tears come out of our eyes and questioned “Where is the link?” and answered that the link is ‘Oneness’. That is how our society should be. If a family or person in the neighborhood needs help, we should extend our hand to support that family or person.

He further says “Mother always wishes her baby’s’ (sons’ & daughters’) growth and wellness. She always gives, but never expects anything in return. Giving is a privilege. That is the foundation for Sanghamitra.”

Sreenivas expressed gratitude to our lineage of masters by remembering them “Vedic scriptures are not a property of any one person. Mathematical formulae are given to us from our masters Thousands of years ago, this is not our credit. We should thank our ancestors for their generosity. In Vedas , some Mathematical formulae are there in encrypted format. When read it is prayer, but the formulae are there in encrypted format. We should remember Jagadguru Sankaracharya Sri. Bharati Krishna Teertha (1884 - 1960) for his great work of decrypting those formulae and brought out 16 simple formulae. It is said that after Bharati Krishna’s original 16 volumes of work expounding the Vedic system were lost and finally in his final years he wrote a single volume which



Avadhani Sreenivasa rao Ainapurapu

was published 5 years after his death. Human computer Smt. Shakuntala Devi and Sri. Srinivasa Ramanujan are the inspiration for this program.”

He gave overall view of Sanghamitra activities

- It is bringing an online Quarterly magazine in Telugu for the last Three years and bringing English version starting October 2007 Edition (with limited articles). It can be viewed @ <http://www.sanghamitra.org> and feedback is most welcome.

- Srinivasa Ramanujan Mathematics Club is been conducted for the last Three years.
- Supporting Students financially by paying their college/school fee, books, cloths etc.
- Supporting elders morally and financial on need basis.

Finally he encouraged audience saying “Today’s dream of Sanghamitra is going to be Tomorrows reality if every one of us become part of Sanghamitra”, while audience were clapping with a heart felt joy. He mentioned about other activities happening in St. Louis, some of them being teaching Telugu, Carnatic vocal to kids etc. He expressed good wishes to Mr. Sreekanth (Teaching Telugu), Jaya Lakshmi (Carnatic Vocal), Telugu Association of St. Louis (organizing Telugu classes) and proudly announced that all of them are part of Sanghamitra. On behalf of Sanghamitra, Sreenivas requested for more volunteers to teach Mathematics for different age groups.

Later Mrs. Jaya Lakshmi invited all the kids participating in Avadhanam onto stage. After they sat in their respective places, they started answering the questions from audience without using paper and pen, that too within a minute time. Srinivasa Teja Vogirala answered multiplication of the form $999A \times 999 B$ (where $A + B = 10$); Upagya Kompalli calculated the remainder when divided by 9 for a given number (maximum upto 10 digits); Rucha Shukla figured out the numbers given the difference of squares of two consecutive numbers; Savitha Baragada answered the product of a given number (upto 5 digits) with 11; Sravya Ainapurapu found the cube roots of given numbers (upto 1000000); Divya Gutala did 5 row addition; Satya Anand formed a 6 digit number (For a 3 digit number from audience, he adds another 3 digits) which is always divisible by 11



Mr. Sreenivas with the participants of Medhavadhanam. Starting from left Divya Gutala, Sreenivasa Teja Vogirala, Upagya Kompalli, Sreenivasa Rao Ainapurapu, Sravya Ainapurau, Rucha Shukla, Satya Anand and Savitha Baragada.

and made audience spell bound. Sreenivas answered questions like finding fifth root of a given number; solving 4 x 4 and 3x3 matrices; framing an 8 digit number which is divisible by 7; finding a day given Year (1900 to 2099), Month and Day; framing a 12 digit number which is divisible by 13 (He adds 3 more digits to the audience 3 digits for two times to form 12 digit number.); finding the recurring decimal places for a fraction of the form $1/29$, $1/79$, $1/49$ etc. Audience were thrilled when he solved 4 x 4 matrix (See the adjacent picture) and also when he wrote 42 decimal places for a fraction $1/49$. After this Smt. Smitha Rajan awarded certificates to all participants.

19	26	2	7
6	3	23	22
25	20	8	1
4	5	21	24

In the above figure, the sum of any column or any row or any diagonal comes to 54.

Hear the experience of two of the participants (Upagya Kompalli & Divya Gutala) in their own words in the article "Expression of Experience".

*Counting the requests we received for Mathematrix articles, we are providing the articles in this issue for your convenience.
Sanghamitra Team.*

Let us share something we know with our neighbours.
