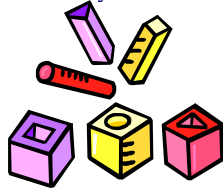# Srinivasa Ramanujan Mathematricks Club – 2008
Medhavadhanam

All are Welcome!

Sanghamitra (A non Profit organization www.sanghamitra.org)

group   cordially invites you to **'Medhavadhanam'**. Medhavadhanam is an art of expression of Math and Memory in a spectacular way. In this presentation, answers are provided to questions asked from a variety of listed topics within a minute without any external calculation aid. All calculations are done mentally.

Venue: *Thornhill Library*
12863 Willowyck Dr
St.Louis, MO, 63146

Date & Time: *Saturday, August 2nd 2008*
1:00 P.M

Guest of Honor: *Sushri Siddheshvari Devi (Didiji).*

Intro: 1:10 P.M – 1:30 P.M Medhavadhanam: 1:35 P.M - 2:45 P.M
Award Presentation: 2:50 P.M – 3:15 P.M Experiences /Vote of thanks: 3:15 P.M – 3:45P.M
Note : Bring calculators for your convenience.

Some of the topics presented during Medhavadhanam:
1. *Cube root of a number from 1 to 1000000.*
2. *Fifth root of a number from 1 to 10000000000.*
3. *Solving 4 X 4 matrix to get the sum of rows, columns and diagonals same.*
4. *Computing a day of the week for a given month, date and year (1900 – 2099).*
5. *Computing the recurring decimal places of a fraction like 1/19, 1/59, 1/79 etc.*
6. *Square of a number from 1 to 100.*
7. *Multiplication by 11.*
8. *Reminder when divided by 9.*
9. *Framing a 12 digit number, which is divisible by 13.*
10. *Computing the sum of ten Fibonacci sequenced numbers given the first two numbers and many more.*

These answers will be given without using any calculating aid and that to within a minute!

It is a feast for Kids as well as for Adults. Come and Enjoy!

Note:
❖ *Mark your calendars on August 2nd from 1 P.M. to 4 P.M.*
❖ *Bring Calculators for your convenience.*
❖ *Most of the scientific calculators can support up to 33 decimal places. Keep that in mind while verifying answers. Avadhani tells the whole recurring set of numbers (Sometimes upto 58 digits).*
❖ *Get your questions ready and ofcourse! answers also for verification, where it is needed.*