



# The Association of Mathematics Teachers of India

(AMTI), Chennai

## Role of Teachers' Association In Mathematics Education

**Some associations that are heard functioning as brought to our notice through hear say only, more!**

1. **Andhra Pradesh Mathematics Teachers Association-Hyderabad**
2. **Association for Improvement of Mathematics Education-Vijayawada**
3. **Ramunjan Academy for Mathematics Education and Library-Ramachadrapuram**
4. **Maharashtra Ganith Adhyapak Mahamandal-Pune**
5. **Ganith Adhyayan Adhyapan Vikasan Sanstha-Nasik**
6. **Bhaskaracharya Prathishthan-Pune**
7. **Kerala Mathematics Teacher Association-Cochin**
8. **Delhi Association of mathematics Teachers-Delhi**
9. **Gujarat Ganith Adhyapak Mahamandal-Ahmedabad**
10. **West Bengal -Sri D.K.Sinha's association**
11. **Orissa.....**
12. **Assam.....**
13. **Pie Mathematics-Tamil Nadu**
14. **Sri Palani's attempts to publish news letter-Tamil Nadu**
15. **The community Mathematics Centre, Rishi Valley School**

.....

---

## **Contribution of Teacher's Associations towards Mathematics Education**

**The Associations of Teachers of Mathematics are heard functioning in various places. In some states more than one association also are functioning. The objectives and actions do vary. In some cases**

they publish journals, publish books and occasionally organize meets to celebrate important days.

There is need for exchange of views among associations- e.g., Assam

We have hopes of becoming a federation of associations in the country also if accepted by this forum and approved by our E.C. The Association of Mathematics Teachers of India is a registered body founded on 27th June 1965 and registered as SI43/1965 under the Societies Registration Act XXI of 1860 on 29 October 1965.

It is an academically oriented premier organization of professionals and students interested in the field of mathematics and mathematics education.

---

### **MAJOR OBJECTIVES:**

To assist practising teachers of mathematics at all levels in improving their expertise and professional skills, in making mathematics learning interesting and enjoyable.

To spot out and foster mathematical talents in the young.

To disseminate new trends in Mathematics Education.

To offer consultancy services to schools.

---

Eminent mathematicians and math educators of high calibre, service-minded and of high Integrity built the AMTI as you see it today.

The stalwarts, associated, served and working with the AMTI, could form a long list. Here are some:

---

**PADMASRI SRI S. NATARAJAN**

**A geography teacher and Headmaster, who harnessed the potentials of teachers for the welfare of the learners.**

**He started several associations including South Indian Teachers Union, Geography association, English association....**

---

**DR. A. NARASINGARAO, PRESIDENT**



**(1965-1967)**

**The first president of the AMTI with an inimitable zeal of inculcating a sense of professionalism among mathematics teachers.**

---

**PROF. TOTADRI IYENGAR**



**A great mathematician served as a storehouse of wit and wisdom.**

---

**DR P.L. BHATNAGAR, PRESIDENT (1967 - 1976)**



**A great scholar from Rajasthan, the pride of our country, a nationalist at heart.**

---

**DR SURYAPRAKASH, PRESIDENT (1976 - 1977)**



**A professor from Delhi. Under his presidentship, the model constitution was drawn and as an editor gave the journal “The Mathematics Teacher (India)” a nice get-up.**

---

**DR J.N. KAPUR, PRESIDENT (1977 - 1990)**



**The golden era of Dr JNK's influence was marked by the growth of the AMTI into a perfect all-India network.**

---

**PROF S. NARAYANAN**



**Affectionately known as 'Dynamics Narayanan', he stabilized the financial front.**

---

**PROF M.S. RANGACHARI**



**A crusader for talent-spotting and a strong bridge between school teachers and university professors.**

---

**SRI P.K. SRINIVASAN**



**A founder member, a great math-educator, a strong advocate of 'conference culture'; responsible for phenomenal increase in the popularity of the AMTI. His dream to declare 22<sup>nd</sup> December as Mathematics Day as resolved in our 38<sup>th</sup> conference and sent to the Govt. has now been recognized!**

---

**PROFESSOR K.R. PARTHASARATHY, PRESIDENT (1990 - 1994)**



**An international figure, who motivated Math Olympiad services.**

---

**PROFESSOR R. C. GUPTA - PRESIDENT (1994 -2010)**



**An authority on the History of mathematics, he set goals, guided for their implementation and contributed to their fulfillment through continuous interaction and also through personal endowments.**

---

**DR. RAJENDRA BHATIA PRESIDENT (2010- )**



**A learned professor from Indian Statistical Institute, Delhi and most sought after academician at the national level for conferences, editorship and coordination of activities of high order.**

---

## **SOME OF THE ACTIVITIES**

### **National Mathematics Talent Contests. (NMTC)**

*Last year 2010*

*42<sup>nd</sup> National Talents Examination*

***Institutions REGISTERED: 275***

***Total no. candidates - 50141***

**We hear that some private agencies conduct 'mock tests' for our talents examinations!**

---

**NMTC 43-2011**  
**STATES AND THE NO. OF INSTITUTIONS REGISTERED:**

Andhra Pradesh	173	Karnataka	9
Chhattisgarh		Kerala	
1		12	
Delhi	2	Maharashtra	
Goa	2	28	
Gujarat	7	M.P	1
H.P	1	Pondicherry	
Hariyana	22		
Jharkahand		Rajasthan	1
2		Tamil Nadu	84
		U.P	3
		West Bangal	2
		Total	332

---

**LEVELS & LANGUAGES REPRESENTED**

Languages represented & catered	Primary	Sub Junior	Junior	Inter	Senior	Total



English	<b>9142</b>	<b>17496</b>	<b>20483</b>	<b>6178</b>	<b>210</b>	<b>53509</b>
Gujarati	<b>89</b>	<b>55</b>	<b>50</b>	<b>24</b>	<b>0</b>	<b>218</b>
Hindi	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Kannada	<b>0</b>	<b>3</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>11</b>
Malayalam	<b>0</b>	<b>2</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>7</b>
Marati	<b>60</b>	<b>34</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>107</b>
Tamil	<b>1</b>	<b>7</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>28</b>
Telugu	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Total** **53880**

**Open**

**178**

**Quota**

**Total** **54058**

---

## Exposure programmes for Talented students

For aspiring talented students orientation workshops are organized once a year in general and specific before our 2<sup>nd</sup> level and / or RMO for the past at least 7 years for the selected few.



---

## Exposure programmes for Teachers

For interested teachers three day orientation workshops have been organised at Chennai for the past 7 years. Besides on invitation we go to schools also. The content will be innovative strategies of introducing concepts and introduction to non-routine olympiad type problem solving including model class with children where possible.

---

HRD Ministry, Govt. of India sponsored  
workshops organized by  
THE AMTI in different parts of the country

S.No.	Level	Place	Date
1.	Primary school mathematics	The District Institute of Education and Training, Ranipet.	5th to 8th March 1992
2.	Primary school mathematics	Kamakshi Kalyana Mandapam, Kancheepuram,	9th to 12th January 1995
3.	Middle School Mathematics	Rammathi, Ponda, Goa.	24th to 26th August 1992
4.	Middle school mathematics	Higher secondary school campus, Jeevan Bharati, Tamaliawad, Nanpura, Surat.	21st to 24th February 1996

5.	High School Mathematics	Regional College of Education, Bhubaneswar	12th to 15th October 1992
6.	High school mathematics	New English School, Honnavar, Karnataka.	29th September to 2nd October 1994
7.	Higher Secondary School Mathematics	Faith Academy, Prasad Nagar, New Delhi	27th to 30th December 1992
8.	Senior secondary level mathematics	Vivekananda Kendra Vidyalaya, Tinsukia, Assam.	20th to 23rd December 1994

### **Special Exposure programmes -Teachers**

**To decentralize Olympiad related motivation, five day residential workshops have been organized twice in Chennai.**

**Named ESTEEM -**

- E - Empowerment of**
- S - Strategies for**
- T - Talent-nurturing,**
- E - Excellence and**
- E - Enrichment in**
- M - Mathematics**

**national level professors engaged them in interactive sessions supplemented by tutorials in the evening.**

**Till now two have been conducted -**

**one for Tamil Nadu and Puduchery teachers and one for JNV teachers of southern states.**

**Special Exposure programmes -Teachers  
ESTEEM - JNVS Teachers - Southern Region**



---

## **GAT - Grand Achievement Test**

**A pre-final exposure to class XII students in Mathematics on the same pattern of public examination with about 15% thought provoking questions are conducted for the past 13 years in the first week of January. Prizes for those achieving 95% and above and pure silver medals for those getting 100% are awarded.**

**This year 4535 number of students registered. Representatives from other states can emulate the pattern, if interested**

---

## **Popular Lecture**

**To remove the acquired or forced(!) phobia towards mathematics in students and the public we have been arranging popular lectures at least thrice a year. Till now 15 lectures have been arranged in Chennai. Similar offers from other places are welcome.**



If help is extended we may organise such programmes in other stations also

---

**National Conferences arranged in different parts of the country to meet and deliberate on important issues of Mathematics Education.**

**Some of the venues were**

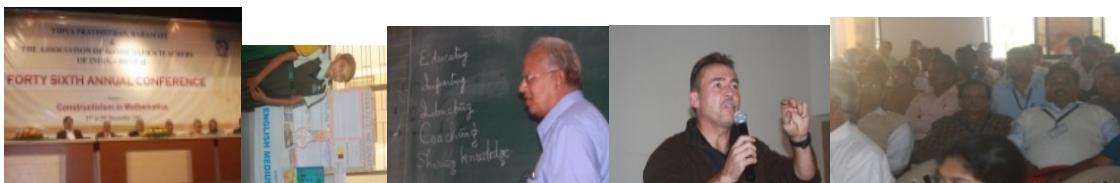
**46th V.P. Baramati  
45th Kolkata,  
44th Madurai,**

**43rd Jaipur,  
42nd Warangal,  
41st Mysore,  
40th Atul,  
39th Nasik,  
38th Rajahmundry,  
37th Delhi,  
36th Cochin,  
35th Pune,  
34th Visakhapatnam,  
33rd Goa,  
32nd Tirukoilur,  
31st Madras,  
30th Madras,  
29th Kancheepuram,  
28th Trivandrum,  
27th New Delhi,  
26th Goa,  
25th Madras,  
24th Pondicherry,  
23rd Vijayawada,  
22nd Kumbakonam,**

.....

---

Some scenes from 46<sup>th</sup> conference



Innovations in our conferences:  
Students' sessions, parallel sessions and quiz

---

**We invite you for our  
47<sup>th</sup>  
Annual Conference  
at  
Visakhapatnam,  
Andhra Pradesh**

**Please look into our website for details  
Await invitations or elicit the same by September 2012**

---

**Distinguished Mathematics Teacher Awards to enterprising and pioneering teachers of mathematics. This is awarded during our conferences. Proposals with evidences are welcome**

**Some who have already received are**

**Smt. Jebaseeli Rachel,  
Sri Kaprekar,  
Sri Sridhar Narain Prabhu,  
Sri Lalith Kishore,  
Sri M.S. Solanki,  
Smt. Lizy David,  
Sri Chandra Sekhara Sastri,  
Sri N. Ch. Pattabi Ramacharulu  
Sri D.S.N.Sastry (2011)**

---

**PERIODICALS  
“THE MATHEMATICS TEACHER (INDIA)”**



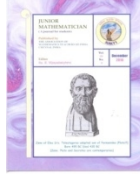
**The official Journal of the Association is published quarterly in English and is sent to members free twice a year (combining two at a time at present).**

**Articles from practising teachers are invited.**

---

---

**The Journal for students -  
JUNIOR MATHEMATICIAN**

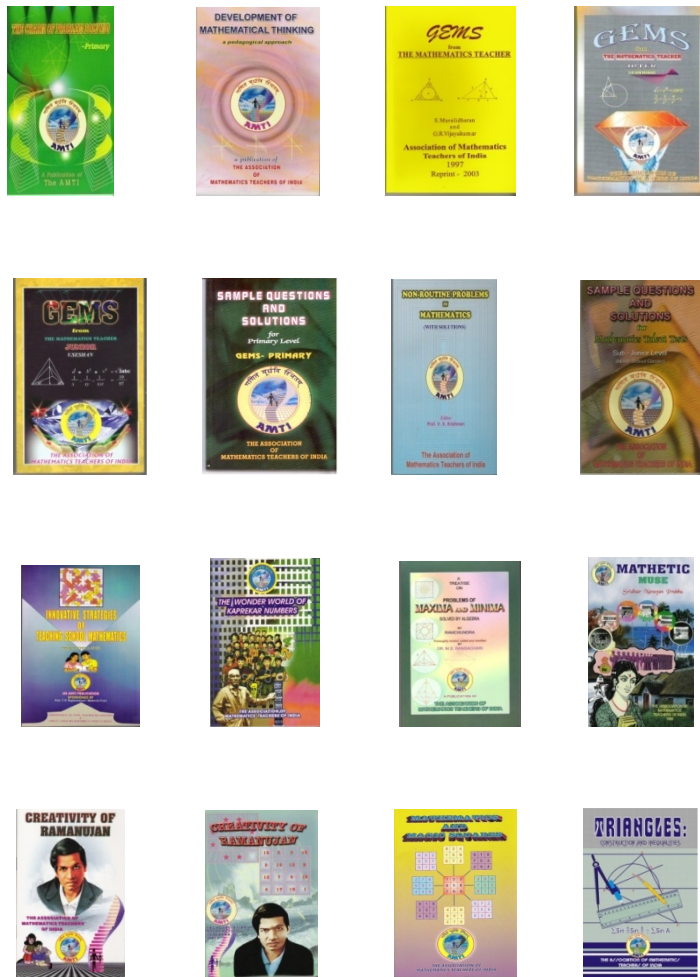


**is published tri-annually in English before the commencement of vacation(s) and is supplied only to the subscribers through the respective schools, wherever possible.**

**These journals can be brought out in regional languages also if liberal financial assistance is granted by the Govt.**

---

## PUBLICATIONS- Books




---

## MEMBERSHIP

**The Membership of the Association is open to all those interested in Mathematics and Mathematics Education. The membership fee inclusive of subscription for the Mathematics teacher is**

Period	Individual	Institutional
Life	Rs. 500/-	Rs. 1000/-
Annual	Rs. 50/-	-----

Foreign: Same amount in US \$ ***(Inclusive of postage)***



Life members are eligible to get the free supply of our journal The Mathematics Teacher for 30 years besides 10% discount on all books purchased from the AMTI.

---

**Subscription to Junior Mathematician**

Junior Mathematician Rs. 25/-

Junior Mathematician Life Membership Rs. 250/-

Foreign: Same amount in US \$ ***(Inclusive of postage)***

For bulk orders from schools of more than 50 copies, 20% discount will be allowed for annual subscription only!

---

**Donations to The Association of Mathematics Teachers of India (AMTI) are exempt from Income Tax u/s 80G of the Income Tax Act 1961 by letter no. DIT (E) No. 212 (285)/73 dated 27.11.2006 and renewed from 01-04-2010 permanently .**

---

**Exposure programmes for Teachers**

**We have proposals to run web based classes as the demand is more and available resource persons are less.**

---

A neatly planned premises with facilities for academic activities is being built on the land (nearly 10,000 sq.ft) received as donation. It is to serve as a centre of mathematics education and research. We need the support from all sections of the society for its completion. The ground floor will be ready for occupation from April 2012 starting with our 8th Teachers' workshop. Please see details published in our website.

---

**For More detail please see our  
website  
AMTI,  
B-19, Vijay Avenue, 85/37,  
Venkatrangan Street, Triplicane,  
Chennai- 600005  
E.mail- [amti@vsnl.com](mailto:amti@vsnl.com);  
[support@amtionline.com](mailto:support@amtionline.com)  
Website - [amtionline.com](http://amtionline.com)**

---

**Help us to help you**

---