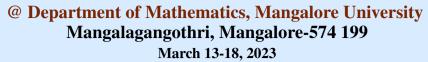
Initiation into Mathematics (InitMath)

under the aegis of Mathematics Training and Talent Search (MTTS) TRUST



(Funded by National Board for Higher Mathematics (NBHM))



manguniv.edu

BACKGROUND

mtts.org.in

The Mathematics Training and Talent Search (MTTS) programme is one of the most popular and significant training programmes in India. This programme has been running since 1993 and has made an impressive impact on the mathematical scene in the country. We receive a large number of applications from all parts of the country, but due to limitation of resources and seats, lot of deserving students do not get a chance to participate in main camps of the MTTS. In order to provide opportunities to a large number of students at regional levels, an **InitMath** (also known as mini-MTTS) programme has been initiated and runs on the same line of the main MTTS.

AIM OF THE Programme

The aim of the programme is to expose bright young students to the excitement of doing mathematics, to promote independent mathematical thinking and to prepare them for higher aspects of mathematics.

Academic Programme

Three fundamental courses in Mathematics will be taught by highly experienced faculty in MTTS teaching methodology.

The aim of the instruction is not to give routine lectures but to stimulate the participants to think and discover mathematical results on their own.

Organizers

Academic Coordinator: Dr. A. Satyanarayana Reddy Shiv Nadar Institution of Eminence, Uttar Pradesh-201314 **4** 9953936560 ≤ satya8118@gmail.com

Local Coordinator: Dr. Chandru Hegde

Asst. Professor and Chairman, Department of Mathematics, Mangalore University, Mangalagangothri - 574 199 **4** 9900815699 **∠** chandrugh@gmail.com

Eligibility & Selection

Second year undergradugate students with Mathematics as one of their main subjects. Students from the Karnataka and neighboring states will be given preference.

The selection will be on merit, based on consistent and good academic records and recommendation by a mathematics teacher.

IMPORTANT DATES

Online application starts on: February 15, 2023. Last date for online application: February 28, 2023. Date of publishing selection list: March 04, 2023.

Programme dates: March 13–18, 2023.

Application Procedure

Interested students can apply online by accessing

https://mtts.org.in/programme/im2023mngu

List of only selected participants will be displayed on the MTTS website. Sleeper class train fare or state bus fare and accommodation will be provided to the selected non local participants. Food will be provided to all the participants.

About Department of Mathematics, Mangalore University

The Department of Mathematics was started as a P.G. Centre of University of Mysore in 1968 and was initially hosted at N.I.T.K., Surathkal to cater to the needs of the districts of Dakshina Kannada, Kodagu and Udupi. In the year 1972, the Department was shifted to the new campus at "Konaje" known as "Mangalagangothri". It became a full-fledged Department of Mangalore University form 1980.

The Department offers M.Sc. and Ph.D. programmes in Mathematics. Over the years, the department is actively involved in research activities in the specialized areas like, Graph theory, Lattice theory, Algebra and Numerical Analysis. Conferences, seminars, workshops and invited talks are frequently organized to facilitate research and create academic ambience among the students. There is a good response to the M.Sc. Programme and successful students are employed in various organizations. Students are encouraged and motivated to crack NET/SLET/GATE exams by providing constant support in terms of guidance and motivation; as a result many students have successfully qualified.

ABOUT THE MTTS TRUST

MTTS-TRUST is a non-profit educational trust. The primary object of the trust is to organize all activities under MTTS umbrella and any other training camps as deemed necessary or important for the country to keep its eminence in higher mathematics. If you wish to contribute to MTTS (financial or otherwise), please get in touch with us.

www.mtts.org.in/mtts-trust

⊠ mttstrust@gmail.com

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Initiation into Mathematics (InitMath) Programme



Conducted by

Department of Mathematics MANGALORE UNIVERSITY



Report

An Initiation into Mathematics (InitMath) Programme was organized at Department of Mathematics, Mangalore University, Mangalore, Karnataka during March 13-March 18, 2023 with the aim of expose bright young students to the excitement of doing mathematics, to promote independent mathematical thinking and to prepare them for higher aspects of mathematics. The programme was sponsored by MTTS trust. The MTTS trust has sanctioned Rs. 3,05,000/- for the porgramme. The programme was first announced on 4th March-2023. Received a very good response from the students in the short span of time. Total 110 applications have been received from students of Karnataka and nearby states. The students from Karnataka and nearby states who have applied for MTTS Level O are also considered for selection. The details of applications are as follows.

State	Number of Students	Number of Students	Number of Students
State	Applied	Selected	Attended
Karnataka	81	35	34
Kerala	11	06	04
Maharashtra	02	01	01
Tamil Nadu	14	03	03
Telangana	02	01	01
Andhra Pradesh	-	04	03
Total	110	50	46

Three fundamental courses in Mathematics have been taught by highly experienced faculty in MTTS teaching methodology. The resource persons of the programme are as follows.

- 1. Dr. A. Satyanarayana Reddy, Associate Professor, Shiva Nadar Institute of Eminence, Uttar Pradesh.
- 2. Dr. B. S. Upadhyaya, Professor of Mathematics (Rtd.), Regional Institute of Education (NCERT), Mysore.
- 3. Dr. D. Sukumar, Associate Professor, Indian Institute of Technology, Hyderabad.

The program was started with a short Inaugural function, Prof. A. M. Khan, Professor of Economics and Former Registrar of Mangalore University was the chief guest. The book titled "A Foundation Course in Mathematics" was given to all the participated students together with writing materials. On all the six days classes have been started exactly at 9.00 A.M. There were 4 sessions of lecture and two sessions of discussion on every day. All students are actively participated and expressed their views in at the time of discussion sessions. Research Scholars of the department were also participated in the discussion. It was found that the students were interacting with the Resource persons, Research Scholars and Faculties of the Department at lunch hours and in the evening after the classes.

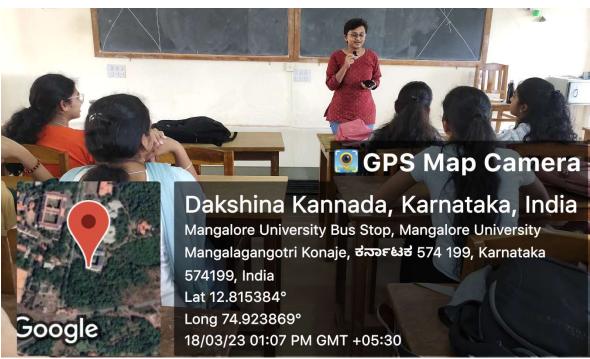


All students are allowed to access the University Library and are exposed to the facilities available in the University. After the regular classes, an arrangement was made to visit internationally recognized science research centers namely, Microtron Centre, Center for Application of Radiation and Radioisotope Technology (CARRT) and Centre for Advanced Research in Environmental Radioactivity (CARER) established by the University. Also students have visited Yakshagana Museum and Biological Shell Museum in the campus.

All the participated students expressed that they are all happy about the content of the programme, the method of teaching, arrangements of the accommodation and food. The department of Mathematics would like to express sincere thanks to MTTS trust for providing the opportunity to conduct the programme and Dr. A. Satyanarayana Reddy, academic co-ordinator of the programme for his guidance and efforts to make the programme grand success.









MANGALORE UNIVERSITY

Department of Mathematics

Initiation into Mathematics (InitMath) Program

under the aegis of Mathematics Training and Talent Search (MTTS) TRUST

List of Participants who received the Participation Certificates

Selection ID	Title	Name	Institution	Signature
IM2023-MNGU-001	Mr.	Mhaske Nitin Dhanraj	L.K.Dr. P.R. Ghogrey Science College, Dhule	Dmhaske.
IM2023-MNGU-002	Mr.	Vadla Shiva Kumar	Tara Govt. Degree And P.G College, Sangareddy	v. Slava beens
IM2023-MNGU-004	Ms.	G. Kalavathi	Silver Jubilee Government College, Kurnool	G. Kalavathi
IM2023-MNGU-005	Ms.	Kottana Krishnaveni	Silver Jubilee Government College, Kurnool	K.Knishnalmi
IM2023-MNGU-006	Ms.	Ummadi Poojitha	Silver Jubilee Government College, Kurnool	U. Poojitha
IM2023-MNGU-008	Ms.	Rishika Kashi S R	Mount Carmel College, Bengaluru	Rislika.
IM2023-MNGU-009	Ms.	Sharmada M Iyer	Mount Carmel College, Bengaluru	
IM2023-MNGU-010	Ms.	Zainab Nafeesah Rahman	M.S. Ramaiah University of Applied Sciences, Bangalore	Zaivalo N. Rahman
IM2023-MNGU-011	Mr.	Bharath A	Yuvaraja's College, Mysuru	gharath-A
IM2023-MNGU-012	Ms.	Bhuvan Bander T A	Yuvaraja's College, Mysuru	Bh
IM2023-MNGU-013	Mr.	Jagath K M	FMKMC, Madikeri	Dun de
IM2023-MNGU-014	Ms.	Nishya K R	FMKMC, Madikeri	MIKR
IM2023-MNGU-015	Ms.	Shibani P A	St. Anne's Degree College, Virajpet	Mix R

IM2023-MNGU-016	Ms.	Esha Yadhukumar	SDM College,Ujire	Esho.
IM2023-MNGU-017	Ms.	Hithashree B S	SDM College,Ujire	Buth.
IM2023-MNGU-018	Ms.	Jayaprada	GFGC Vamadapadavu	Rose
IM2023-MNGU-019	Ms.	K. Rashmitha	GFGC Vamadapadavu	ಕೆ. ರಶ್ಚಿತಾ
IM2023-MNGU-020	Mr.	Manikanta	Dr. P Dayananda Pai-P Sathisha Pai GFGC Car Street, Mangalore	Mani BH
IM2023-MNGU-021	Ms.	Tanvi N	Dr. P Dayananda Pai-P Sathisha Pai GFGC Car Street, Mangalore	Jamui N.
IM2023-MNGU-022	Mr.	Prathik	University College Mangalore	R_tuil
IM2023-MNGU-023	Ms.	Preksha P	University College Mangalore	8th
IM2023-MNGU-024	Ms.	Rakesh Kumar B	University College Mangalore	Root &
IM2023-MNGU-025	Ms.	Sneha K	University College Mangalore	
IM2023-MNGU-027	Ms.	Meghana A Rao	St. Agnes College, Mangaluru	Seglave
IM2023-MNGU-028	Mr.	G Ricky Rich	St. Aloysius College, Mangaluru	prin
IM2023-MNGU-029	Ms.	Lenisha Dsouza	St. Aloysius College, Mangaluru	Levish
IM2023-MNGU-030	Ms.	Ruth Amanda Roche	St. Aloysius College, Mangaluru	Zuth
IM2023-MNGU-031	Mr.	Vijet Ramkrishna Gayatri	Poornaprajna College, Udupi	Tay
IM2023-MNGU-033	Ms.	Sannidhi H	Poornaprajna College Udupi	Sannidhi. H.
IM2023-MNGU-034	Ms.	Valine Sonal Noronha	Poornaprajna College , Udupi	Valina &
IM2023-MNGU-035	Ms.	Rajatha	M.GM. College, Udupi	Raline & Rafatha

IM2023-MNGU-036	Ms.	V. Navya	M.G.M. College, Udupi	Navya
IM2023-MNGU-037	Ms.	Pavithra Shetty	Bhandarkars' Arts And Science College, Kundapura	Park
IM2023-MNGU-038	Ms.	Shambhavi M	Bhandarkars' Arts And Science College, Kundapura	Smf.
IM2023-MNGU-039	Ms.	Rakshitha	Bhandarkars' Arts And Science College, Kundapura	Rah
IM2023-MNGU-042	Mr.	Aruna Tholcopiyan M	Loyola College, Chennai	AM AU AU
IM2023-MNGU-043	Ms.	Deepa M	Manonmaniam Sundaranar University, Tirunelveli	M. Deepa.
IM2023-MNGU-044	Ms.	Deeksha S	PSG College of Arts & Science, Coimbatore	July .
IM2023-MNGU-045	Ms.	Henna Sherbeen P T	Sir Syed College, Taliparamba	forma
IM2023-MNGU-046	Ms.	Ashwathi A R	Government College Kasaragod	Advertical
IM2023-MNGU-048	Ms.	Fathima Hiba. P. V	KAHM Unity Womens College, Manjeri	
IM2023-MNGU-049	Ms.	Sibina	KAHM Unity Womens College, Manjeri	Baron
Local	Ms.	Erline Madtha	St. Agnes College, Mangaluru	
Local	Mr.	Pruthviraj G R	FMKMC, Madikeri	AT.
Local	-Mr.	V. Venkatesh	Canara College, Mangalore	Salas
Local	Mr.	K. Narasimha Puranik	Canara College, Mangalore	Dula.

MANGALORE UNIVERSITY

Department of Mathematics

Initiation into Mathematics (InitMath)-Attendance Sheet

Ini	tMath 2023	13-03	-2023	14-03	-2023	15-03-	2023	16-03	-2023	17-03	3-2023	18-03	-2023
SI.No.	Name	FN	AN	FN	AN	FN	AN	FN	AN	FN	AM	FN	AN
1	Mr Aruna Tholcopiyan M	AANA	W CO THE	Maria	JA CON	Wick	MELL	MEN	MEN	MOLA	Messa	Mon	Mon
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4	Ms Henna Sherbeen P T	James	Down	Nouns	Janua	Downer	Alexander	A anna	Menus	Non-	Journ	Aleme	Deme
5	Ms Fathima Hiba. P.	Jan		No.	ALL	Life	M	The stay	No.	MA	Mar.		in the
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7	Ms Vaishna T	A	<i>M</i>	B		. A	A	A)					1201
8	Ms Ashwathi Ar	Alexander	A CONTRACTOR OF THE PROPERTY O			And	A STATE OF THE STA		T A STATE OF THE S		North .		
9	Mr Mhaske Nitin Dhanraj	Domate	D. orhan	o Winhar	2 Dombas	Donage	1) plas	Music	1 mlas	EN MALE	21) Masks	Polose	e Winhade

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11	Ms Rakshitha	Pak	Rak	Rok	Rak	Pak	Pak	Pak	Pak	Rak	Pak	Pak	Pat
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14	Ms Jayaprada	Sayar	Due	Jayer (Jung	Jour	Days	Toye	Gara	Contract	Jayo	Jan (Paren
15	Mr Vishwanath Angadi	,											
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17	Ms K Rashmitha	ಕೆ.ರಶ್ತಿತಾ	ಕೆ.ರಶ್ಚತಾ	ಕೆ. ರಶ್ಚಿತ	ಕೆ.ರಶ್ವತ	ಕೆ.ರಶ್ಚಿತಾ	ಕೆ.ರಶ್ಚಿತಾ	ಕೆ.ರಶ್ಚಿಕಾ	ಕೆ.ಕ್ಮೂಶಾ	ಕೆ. ರಶ್ಮಿ ಶಾ	ಕ್.ರಶ್ರಿತಾ	ಕ್ಕ್ ಕ್ರೂತಾ	ಕೆ.ರಶ್ಚ
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24	Ms Rishika Kashi S R	Rislika,	Rise . Va	Ride ha	Rive wo	Riecha.	Riseira	pive . w	Rislina.	River	Rivila	Rise he	Rishila.
25	Ms Preksha P	Bolz	Rose .	2 C	Di	July 1	Bet	W	July 1	Por	8 de la constantina della cons	Roy	Park
26	Ms Meghana A Rao	Suphase	Leghan	Reghad	Raghae	Region	Stephoa	Reghas	Sighase	Reghan	Reghave	Sepae	Reghan
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28	Ms Sannidhi H	Sannidhil	Sannidh	L.Sannidhi	Sannidhi	W.Sannidhil	Sannidha	X.Sannidhid	,Sannishi.k	Sannidhi	Sannidhik	Sannidhil	, Sinnidhi.
29	Ms Pavithra Shetty	P	Pani.	Panil_	Qui.	Paris.	Rage .	Por la constant de la	Stand .	Pour	Favor	Fand	Pag
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32	Ms Esha Yadhukumar	John'	Capo	Edo	Capo	Color	lesh	· legha	Repo	Eghe	Leho	leghe.	leste.
33	Ms Shambhavi M	Smår.	and.	smg.	sma	Smd.	Sand	Smot	smq.	emor.	soud.	Sand.	Sud:
34	Mr Prathik Prabhakar	Quelle	(Asky	Quilly 1	Robert	Between	Quile	Barrish	Quality	Postuk	Dotale	Robert	Botuk
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37	Ms Nishya K R	ACKR	JEKR	JE KA	Maki	Milst	Nº FO	Nipp	NIXR	Nikt	Nixx	Nix.F	MYXX
38	Mr Rakesh Kumar B	90-1918	a Alfa	BARRY	B. HAR	DO-WAY	Bright	RAM	201	2011/10	DAMES.	B. H.	O'M
39	Ms Mangala Nagapati Hegde									1		.,	
40	Ms Anna Grace Joe					OBEUM							
41	Ms Valine Sonal Noronha	Valinas	9 Salines	abline	Solir	& Joline &	Maline	Valines	Valines	Valines	Valdras	Poline	Valine
42	Ms Parinitha M												
43	Ms Ummadi Poojitha	VPorjuh	J. Poojitha	J.R. 00 1/1/20	J. Roojt	J. Poojithon	J. Poojth	J. Poisithe	Rojite	J. Poojtha	Poith	1. Prejite	Pojito
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45	Ms Kottana Krishnaveni	Kkrishna	K.Kushin	-warni	KKinshar	Ky here.	Kkeyni	Margary	*Kyshi	K.Kyllin	المعادات	k. Kefferen	KHizhin
46	Mr Shiva Kant Dwivedi							,					
47	Ms Rajatha	Rajatha	Rajatha	Rojak	Rajotho	solatio.	Rojako	Faget No	Zoiglo	Rojetho	20% Ho	Lofotho	Rogar
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