

Dr. K. Vishnu Namboothiri
Assistant Professor
Department of Mathematics
Government College, Ambalappuzha
Alappuzha

Smt. Priya K
Assistant Professor
Department of Mathematics
St. Joseph's College, Devagiri
Kozhikode

Organizing Committee

Patron Dr. Manikantan Nair V
Principal
Dr. G. N. Prakash
Head of the Department
Co-ordinator Smt. Jismy M. J.
Members Smt. Jeepamol J. Palathingal
Sri. Albert Antony T
Dr. Jomy John
Smt. Magi P. M.
Dr. Sathian M. K.
Sri. Krishnadas K.
Kum. Nikhitha P. B.
Sri. Jinto E. J.

Registration

Those who wish to participate in the NMD are requested to contact the Co-ordinator, on or before 26th July 2018.

Col. ct

Smt. Jismy M. J
(Mob. No. 9562253217)
email: pmgcmaths@gmail.com

Programme

27th July 2018 (Friday)

Registration 9.00 am to 10.15 am
Inauguration 9.30 am to 10.00 am
Session 1 10.00 am to 11.15 am
Dr. K. P. Naveena Chandran
Tea Break 11.15 am to 11.30 am
Session 2 11.30 am to 1.00 pm
Quiz Competition
Smt. Priya K
Lunch Break 1.00 pm to 2.00 pm
Session 3 2.00 pm to 3.30 pm
Dr. Vishnu Namboothiri K
Tea Break 3.30 pm to 3.45 pm
3.45 pm to 4.30 pm
Valedictory Session and Prize
Distribution

Mathematik-Tag-Feier
(National Mathematics Day
Celebrations)
July 27, 2018

Organized by



Department of Mathematics
Panampilly Memorial Government
College, Chalakudy

Sponsored by

Kerala State Council for Science,
Technology and Environment
(KSCSTE)

Supported by

Department of Science & Technology,
Government of India

Sir/Madam,

The Department of Mathematics, Panampilly Memorial Government College, Chalakudy celebrates the National Mathematics Day in recognition of the contributions of the legendary Indian Mathematician Sri. Srinivasa Ramanujan by conducting lectures and a quiz programme on 27th July 2018 sponsored by Kerala State Council for Science, Technology and Environment (KSCSTE) with support from Department of Science & Technology, Government of India. We solicit the esteemed presence and active participation of students and faculty from your institution.

With warm regards,

Dr. Manikantan Nair V.
Principal

Dr. G. N. Prakash Smt. M. J. Jismy
Head of the Department Co-ordinator

About the College

Panampilly Memorial Government College, Chalakudy, established in 1975, is wholly owned and managed by the Government of Kerala. It marked the fulfillment of a long cherished dream of the people of this semi-urban highland geographical entity. The college is situated at Potta, 6 km away from Chalakudy town.

About the Department

The Department of Mathematics started functioning in 1998. In 2012, the department was upgraded with PG in Mathematics. The department frequently conducts national level seminars/workshops. Currently the department

offers graduate and post-graduate courses in Mathematics. From August 2016 onwards, the department has been organising a monthly lecture series MATHLET (Mathematical Analysis Through Hearty Lectures by Eminent Teachers) for PG students.

About the KSCSTE

The Kerala State Council for Science, Technology and Environment (KSCSTE) is an autonomous body under the ministry of S & T, Kerala, constituted in November 2002 as an agency for change and development through science and technology. Formerly it was the Science, Technology and Environment Committee (STEC). It was established in 1972 in concurrence with the Science Policy of Government of India. The council promotes and activates programs for increasing the stock of knowledge in science, and fine tunes policies which are significant for the sustained development of humanity.

About NMD

In recognition of the contributions of the legendary Indian mathematician, Sri. Srinivasa Ramanujan, the Union Government of India, in 2012 decided to celebrate December 22, birthday of Srinivasa Ramanujan, as the National Mathematics Day (NMD) every year. The basic objective of celebrating NMD is to spread the message of the importance of mathematics for the development of humanity. With support from KSCSTE, the department is celebrating the event on 27th July, 2018 by conducting two lectures and a quiz competition. All the lectures particularly aim at generating awareness and inculcating inter-

est among student community in the field of mathematics. Lectures of these kind shall prove highly beneficial in the dissemination of knowledge.

About the Quiz Competition

As part of the National Mathematics Day Celebrations the Department of Mathematics is conducting an Inter-Collegiate Quiz Competition on July 27th, 2018. The terms of participation are as follows.

- The registration will be from 9 am to 10 am.
- Students of any affiliated college/school are eligible to participate in the contest. Participation will be on team basis, comprising two members per team.
- There is no registration fee for participation.
- The contest will be in two phases
 1. The preliminary written phase at 10.15 am.
 2. The oral final phase at 11.30 am.
- Only four teams that rank the highest in the preliminary phase will make their way to the final phase.

Those who wish to participate in the quiz competition may send the details of participation from the college/school concerned on or before 26th July, 2018.

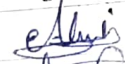
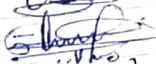


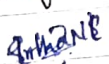

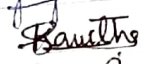
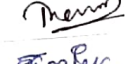
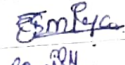

Invited Speakers

Dr. K. P. Naveena Chandran
Former Professor and Head
Department of Mathematics
Government College, Chittur, Palakkad

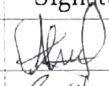
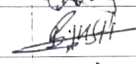

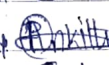


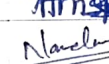


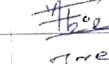

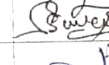

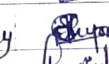
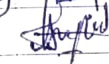






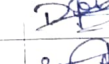
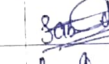
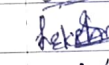
P.M. GOVT. COLLEGE CHALAKUDY
NATIONAL MATHEMATICS TAG-FEIER

Sl.No.	Name		Signature	Register Number	
1	Sreedev Thilak	christ college		M38	9 ✓
2	Jeevin Varghese	Irinjalakuda			
3	Amithkumar k.s	S.N. college Nattika		M37	11 ✓
4	Amalraj k.R	S.N college Nattika			
5	christy shaji	SH college chakikudy		M36	8 ✓
6	Devika. M.S	SH college chalakudy			
7	Ashly Shayan	SH college chalakudy		M35	7
8	Aragha. E.D	SH college chakikudy			
9	Aragha P.S.	Carmel College Mala		M34	5
10	Lakshmi priya k.s.	Carmel College Mala			

**P.M. GOVT. COLLEGE, CHALAKUDY
NATIONAL MATHEMATICS TAG-FEIER**

Sl.No.	Name	College	Signature	Register Number	
11	Alwin P.B	Pmge chalakudy		M18	4
12	Ajith Mohandas	"			
13	Anagha AH	Christ collage Irinjialakuda		M19	7
14	Anjana M Das	"			
15	Sojitha N's	Pmge chalakudy		M20	8
16	Joylin Joy	Pmge chalakudy			
17	Kavitha Thulakan	"		M21	1
18	Thasnimol K.A	"			
19	Jesmiya Joy Alven	"		M22	8
20	Christy Judeson	"			

**P.M. GOVT. COLLEGE, CHALAKUDY
NATIONAL MATHEMATICS-TAG-FEIER**

Sl.No.	Name	College	Signature	Register Number
21	1. Amal Santhosh	Mother College		M2 6
22	2. JUSTIN BABU P	MOTHER COLLEGE		M3 7
23	3. Gneeshma T.S	P.M.G.C. Chalakudy		M3 7
24	4. Ankitha Merlin	P.M.G.C. Chalakudy		M3 7
25	5. Swathy P.B	"		M4 8
26	6. Athira T.S	"		M4 8
27	7. Nandana A.B	"		M5 8
28	8. Lakshmi P.P.U	"		M5 8
29	9. ATHIRA SUBASH	"		M6 8
30	10. TRESA TOMY	"		M6 8
31	11. Suvarna Surendran	"		M7 7
32	12. Athira M.M	"		M7 7
33	13. Swathy M.L.O.U	PMGC Chalakudy		M8 6
34	14. Athira K.G	"		M8 6
35	15. Sreenath K.R	"		M9 5
36	16. Pranav T.S	"		M9 5
37	17. mu: mustafa rmo	"		M10 2
38	18. Sai Krishna K	"		M10 2
39	19. JESTO ANTO	"		M24 7
40	20. DAVID DAVIS	"		M24 7
41	21. Sandra V.S	"		M23 4
42	22. Lekshmi Sahanandan	"		M23 4
43	23. Jithesh Dina	"		M11 7
44	24. Dinon	"		M11 7

From,

Smt. Jismy M. J.
(Coordinator NMD Celebrations)
Assistant Professor
Department of Mathematics
P. M. Govt. College, Chalakudy

To,

Dr. Anilkumar C.
Principal Scientist and Head
Science Education Division,
KSCSTE, Sasthra Bhavan
Pattom P O, Thiruvananthapuram
Pin 695 004

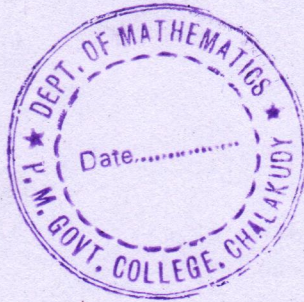
Through the Principal

Ref: No. C-42/NMD/2017/KSCSTE from Dr. Anilkumar C., Principal Scientist and Head Science Education Division dated 13-07-2018.

As per the above reference, we have conducted MATHEMATIK-TAG-FEIER (National Mathematics Day Celebrations) on 27th July 2018. The report and detailed expenditure statement with UC of the programme is enclosed herewith. Even though you have allotted only an amount of Rs 10,000/- we expended a sum of Rs 20,276/- towards this programme. I request you that you may be good enough to sanction a sum of Rs. 20,276/- (allotted amount Rs 10,000/- + excess expenditure Rs. 10,276/- = Total Rs. 20,276/-).

Expecting a favourable reply.

Chalakudy,
30/08/2018



Jismy M J
(Coordinator NMD Celebrations)
Assistant Professor
Department of Mathematics
P. M. Govt. College, Chalakudy

Enclosures

1. Report of the (MATHEMATIK-TAG-FEIER), National Mathematics Day celebrations.
2. Photographs
3. Official bank account details of Principal
4. Audited Statement of expenditure.
5. Utilisation Certificate

Report of the Mathematik-Tag-Feier (National Mathematics Day Celebrations) conducted by the Department of Mathematics, Panampilly Memorial Government College, Chalakudy on 27th of July 2018 sponsored by Kerala State Council for Science, Technology and Environment (KSCSTE) and supported by Department of Science and Technology (DST), Government of India.

In recognition of the contributions of the legendary Indian mathematician, Sri. Srinivasa Ramanujan, the Union Government of India has decided to celebrate December 22, birthday of Srinivasa Ramanujan, as the National Mathematics Day every year since 2012. In connection with this the Department of Mathematics had sent a proposal to the Director, Kerala State Council for Science Technology and Environment (KSCSTE) for conducting Mathematik-Tag-Feier(National Mathematics Day Celebrations) on 10th of August 2018. Since our proposal was accepted we constituted an organizing committee and contacted resource persons from various universities/colleges within Kerala in this field. Since the University examinations were to commence from 10th August, we preponed the programme to 27th July 2018.

Dr K. P. Naveenachandran, (Retd) Professor and Head, Department of Mathematics, Government College, Chittur, Palakkad, *Dr Vishnu Namboothiri K*, Assistant Professor, Department of Mathematics, Government College, Ambalappuzha and *Sri. Shajeeb P U*, Assistant Professor, Department of Mathematics, Government Victoria College, Palakkad agreed to deliver invited talks on the occasion. Also *Kumari Priya K*, Department of Mathematics, St. Joseph's College, Devagiri, Kozhikode agreed to conduct the quiz programme.

About 60 invitation letters were sent by post to various schools, colleges and institutes in nearby areas of Chalakudy and various Universities all over Kerala. Many other department heads, principals of colleges and lecturers were personally met and given the invitation letter. Invitations were circulated within the college also. Brochures were sent through e-mail about the celebrations to all colleges under the University of Calicut. Publicity was given by displaying banners, through daily news papers and also over phone.

On Friday, the 27th of July 2018, registration started at 9.00 a.m. 107 participants registered during the day including resource persons, teachers and students from various institutions. For the registered participants note pads and pens were distributed. The college seminar hall, department seminar hall and room No 22 were the venues for the celebrations.

At 9.30 am inaugural session started with prayer by *Kumari. Sreelakshmi S L*. *Dr G N Prakash*, Assistant Professor and Head of the Department of Mathematics welcomed the gathering. In the absence of our Principal *Dr V Manikantan Nair*, *Dr N Sreerekha*,

Vice Principal and Associate Professor of English presided over the function. In her presidential address she highlighted the importance of National Mathematics Day celebrations. She also narrated the contributions of Sri Srinivasa Rmamanujan to Mathematics.

The chief guest, *Dr Vishnu Namboothiri K*, Assistant Professor, Department of Mathematics, Government College, Ambalappuzha inaugurated the NMD celebrations. In his inaugural speech he remembered the contributions of legendary mathematician Sri Srinivasa Rmamanujan to mathematics community. He briefed the history of Sri Srinivasa Rmamanujan and motivated the audience. Also in his speech he appreciated the efforts of KSCSTE for supporting programmes like this through financial assistance. *Dr Jomy John*, Head of the department of Computer Science of this college offered felicitations. *Smt. Jismy M J*, Assistant Professor of Mathematics and Coordinator of NMD expressed vote of thanks. Inaugural session concluded at 9.50 a.m.

The session I of the NMD celebrations started at 09.50 am in the department seminar hall. In this session *Dr Vishnu Namboothiri K*, Assistant Professor, Department of Mathematics, Government College, Ambalappuzha delivered his talk on “*Restricted Partitions*”. The first session concluded at 11.20 a.m. after the interaction of the participants with the resource person.

At the same time the preliminary round of Quiz competition was held at room number 22. 22 teams consisting of 44 students from 8 colleges participated in the preliminary round. The preliminary round started at 10.15 a.m. and concluded at 11 a.m. Four teams from S. N. College, Nattika, S. H. College, Chalakudy, Christ College, Irinjalakuda and P. M. Government College, Chalakudy entered into the final stage of the quiz competition.

Tea and snacks were served in the first year MSc Mathematics class room.

After the tea break, the second session, the final stage of the quiz competition started at 11.30 a.m. in the college seminar hall. *Kumari Priya K* from the department of mathematics, St. Joseph’s College, Devagiri was the quiz master. The competition was held in six rounds. *Sri. Anilkumar K S* and *Sri. Amal Raj K R* from S. N. College, Nattika won the first prize. *Kumari Christy Shaji* and *Kumari Devika T. S.* from S. H. College, Chalakudy won the second prize. The competition and corresponding session concluded at 1.00 p.m. after the feedback of students with the quiz master.

Lunch was served to all resource persons in the college canteen.

Session III of the NMD celebrations started at 1.30 p.m. in the department seminar hall. In this session *Dr K. P. Naveenachandran*, (Retd) Professor and Head, Department of

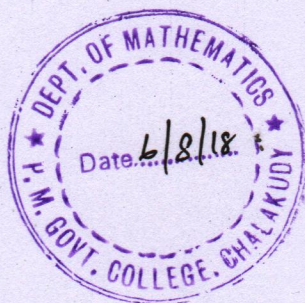
Mathematics, Government College, Chittur, Palakkad delivered his talk on "Geometry and Topology". The participants interacted with him and the session concluded at 3.00 p.m.

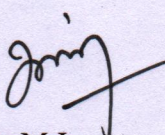
The fourth session of the NMD celebrations started at 3.00 p.m. in the department seminar hall. In this session Sri. *Shajeeb P U*, Assistant Professor, Department of Mathematics, Government Victoria College, Palakkad delivered his talk on "Algebra". The participants interacted with him and the session concluded at 4.30 p.m.

Tea and snacks were served in the first year MSc Mathematics class room.

The Valedictory Session commenced at 4.40 p.m. with prayer by *Kumari Geethika P R*. The session was presided over by the head of the department *Dr G N Prakash*. *Sri. Albert Antony T*, Assistant Professor of Mathematics, P. M. Government College, Chalakudy welcomed the gathering. *Dr K. P. Naveenachandran* and *Sri Shajeeb P U* appreciated the conduct of the NMD celebrations and congratulated the efforts taken by the organizing committee to conduct this kind of programme in this remote area to take part in the National Mathematical Day celebrations. The certificates were distributed to the resource persons and participants in this ceremony. Cash prize comprising of Rs. 1000 for the first and Rs. 750 for second winning team in the quiz competition along with mementos were distributed in this occasion. *Dr Deepa K. S*, Associate Professor, Department of English of this college congratulated winners and appreciated the department for conducting this type of worthwhile programme. *Dr Sathian M K*, Assistant Professor of Mathematics, P. M. Government College, Chalakudy expressed vote of thanks and gratitude to all for making the programme a success. He also thanked Kerala State Council for Science, Technology and Environment (KSCSTE) for their financial support and Department of Science and Technology (DST), Government of India for their constant encouragement. The ceremony concluded at 5.00 p.m.

Date 06-08-2018
Chalakudy




Jismy M J
(Coordinator NMD Celebrations)
Assistant Professor
Department of Mathematics
P. M. Govt. College, Chalakudy

ELECTRONIC CLEARING SERVICE FACILITY FOR RECEIVING PAYMENTS

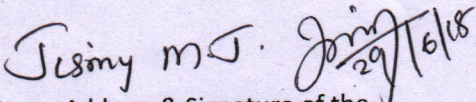
Details of Account Holder

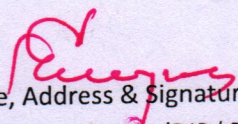
Name of the Institution/ Person	P. M. Government College, Chalakudy
Contact Address	Potta P.O - 680722 Thrissur (Dist)
Mobile number of Co-ordinator (mandatory) Telephone No./ Fax No.	9562253217
E-mail ID of the DIR/ REG/ AO/ FO	pmgcprincipal@gmail.com

Bank Account Details

Institution/ Individual Account Name (As per Bank record)	PRINCIPAL PMG COLLEGE
Account No. (SB/CC)	67058970600
IFS Code	SBIN0070168
Branch Name	SBI CHALAKUDY
Branch Address	CHALAKUDY P.O Pin 680307
MICR No.	680002960

Certified that the Institute's /person's account is in NEFT /RTGS enabled branch. I hereby declare that the particulars given above are correct and complete.


 Name, Address & Signature of the
 PI/Coordinator: *Asst. Professor*
Dept of Mathematics
P.M. Govt. College, Chalakudy
 Date: 29-06-18


 Name, Address & Signature of the
 Competent Authority (DIR/ REG/ AO/ FO)

പ്രിൻസിപ്പാൾ
 പി.എം. ഗവ. കോളേജ്
 ചാലക്കുടി



**Kerala State Council for Science, Technology and Environment
National Mathematics Day celebrations-2018**

Statement of Expenditure

Programme : MATHEMATIK-TAG-FEIER(National Mathematics Day Celebrations)

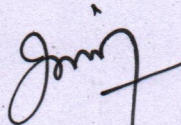
Date : 27th July 2018

**Venue : Seminar Hall, Department Seminar Hall and Room No 22,
P.M.Govt. College, Chalakudy**

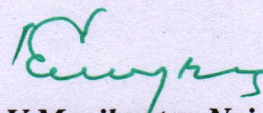
**Organized by : DEPARTMENT OF MATHEMATICS, PANAMPILLY
MEMORIAL GOVERNMENT COLLEGE, CHALAKDUY**

Receipts	Amount (Rs)	Payments	Amount (Rs)
1. Amount sanctioned from KSCSTE (to be received)	10,000/-	Honorarium for Resource Persons	8000
2. Advance from Coordinator	10276/-	Organizing expenses	4302
		Publicity Materials	2705
		Travel expenses	3442
		Refreshments	1296
		Others	531
Total	20276	Total	20276

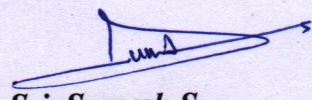
Certified that I have exercised all kinds of checks to see that the grant has been utilized for the purpose for which it was sanctioned by KSCSTE vide Council Order No. C-42/NMD/2017/ KSCSTE dated 13-07-2018.


Smt. Jismy M J

**Name & Signature
of Co-ordinator**


Dr. V Manikantan Nair

**Name & Signature
Head of the Institution**


Sri. Sumesh S

**Name & Signature
of Head Accountant**

Date 30/08/18

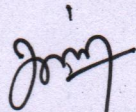


**പിൻസീസൽ
പി.എം. ഗവ. കോളേജ്
ചാലക്കുടി**

**Kerala State Council for Science, Technology and Environment
National Mathematics Day celebrations - 2018**

UTILIZATION CERTIFICATE

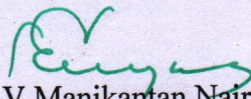
Certified that out of Rs. 10,000/- sanctioned by Kerala State Council for Science, Technology and Environment vide Council Order No. C-42/NMD/2017/KSCSTE dated 13-07-2018, towards financial assistance for the conduct of **organizing Mathematics Day (NMD) 2017 celebrations**, an amount of Rs. 20,276/- was utilized for the purpose for which it was sanctioned, leaving a balance of Rs. Nil at the close of 27-07-2018 as shown in the Statement of Expenditure annexed.



Smt. Jismy M J

*Name & Signature
of Co-ordinator*

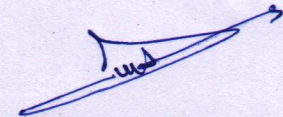
Date 30/08/18



Dr. V Manikantan Nair

*Name & Signature
of Head of the Institution*

Principal
P.M. Govt. College
Chalakyud



Sri. Sumesh S

*Name & Signature
of Head Accountant*

Office Seal with date 30/08/18

