









Government of Puducherry
TAGORE GOVERNMENT ARTS AND SCIENCE COLLEGE
Pondicherry

DEPARTMENT OF MATHEMATICS

cordially invite you for the One Day National Seminar on

 New Avenues for Mathematical Sciences

Presidential Address

Dr. Sasi Kanta Dash

Principal, TGASC

Keynote Address on

DATA SCIENCE Dr. Padi. Tirupathi Rao

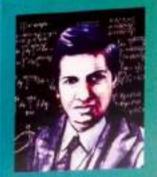
Dean, Ramanujan School of Mathematical Sciences
Pondicherry University

Special Address on

SCOPE OF MATHEMATICS Dr. T. N. Shanmugam

Founder Dean

University College of Engineering, Kanchipuram Constituent College of Anna University, Chennai







Venue: Bharathiyar Conference Hall, TGASC

Date: 3/5/2023

Time: 9.30 a.m

TAGORE GOVERNMENT ARTS AND SCIENCE COLLEGE Puducherry

DEPARTMENT OF MATHEMATICS

National Seminar on

NEW AVENUES FOR MATHEMATICAL SCIENCES

REPORT

The department of Mathematics organized National Seminar on "NEW AVENUES FOR MATHEMTICAL SCIENCES" on 3/5/2023. The objective of the seminar is to enlighten the student of mathematics about the advantage of studying mathematics and various opportunities available for Mathematics students. Further to enrich them with the knowledge of newly emerging avenues for mathematics and the skill required to enter and to become successful in those fields.

Apart from the students of our college, the students and the faculties from other colleges of Pondicherry participated in the Seminar. The colleges which participated are

- 1. Bharathidasan Government College for Women, Pondicherry
- 2. Kanchi Mamunivar Government Institute for Postgraduate Studies and Research, Pondicherry
- 3. Perunthalaivar Government Arts College, Pondicherry
- 4. Idhaya College for Women, Pondicherry
- 5. Saratha Gangatharan College, Pondicherry.

Totally 125 participants attended the Conference and benefited.

Dr. Sasi Kanta Dash, Principal, Tagore Government Arts and Science College, delivered Presidential address and motivated the participants.



Dr. Padi. Tirupathi Rao, Dean, Ramanujan School of Mathematical Sciences, Pondicherry University delivered Keynote Address on Data Science. The presentation is an inspirational one and an eyeopener for many of the participants. The speaker explain in simple words, the basics of Data Science and various aspects. He had conveyed why the Data Science is so popular and about the career prospects in Data Science.



Dr. T. N. Shanmugam, Founder Dean, Constituent college of Anna University, Kanchipuram deliberated about Scope of Students who study Mathematics. He had nicely narrated the various avenues of mathematics and the skill which are required to venture into those new avenues.



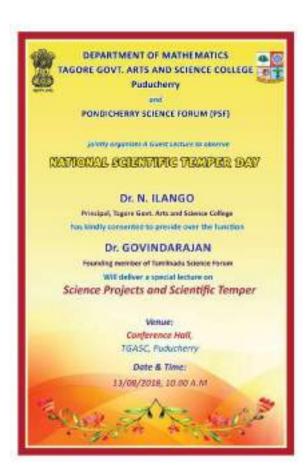
Overall, the seminar served its purpose of enlightening the participants about the career of mathematics students.

TAGORE GOVERNMENT ARTS AND SCIENCE COLLEGE Puducherry

DEPARTMENT OF MATHEMATICS

NATIONAL SCIENTIFIC TEMPER DAY

REPORT





All India People's Science Network (AIPSN) gave a nationwide call to observe 20th August, the day of assassination of Dr. Narendra Dabholkar, as National Scientific Temper Day (NSTD) to propagate scientific temperament and to stop unprecedented attack on SCIENCE, SCIENTIFIC TEMPER and RESEARCH in India. National Scientific Temper Day is observed on 13th August 2018 in the College. The program is organised by the Department of Mathematics in association with Pondicherry Science Forum(PSF).

Dr. N. Ilango, the Principal of the College, presided over the function. In his presidential address, the Principal emphasized the need to develop Scientific Temper. The Chief Guest of the day, Dr. Govindarajan, Founding member of Tamilnadu Science Forum delivered special lecture on Science Projects and Scientific Temper. The speaker with his expertise on Scientific Temper has inspired the audience by his excellent speech. The interaction by the speaker supported with suitable examples enthused audience to believe in and practice Scientific Temper. Nearly 100 students from various departments participated and benefited.









S. Damodaran Associate Professor and Head Department of mathematics TGASC, Puducherry

MATHFEAST'18

REPORT

An Intercollegiate Competition for students of Mathematics

Date: 29/8/2018 Venue: Department of Mathematics and Conference hall of

TGASC.

Department of Mathematics of Tagore Government Arts and Science college conducted an **Intercollegiate competition** *MATHFEAST'18* for the students of Mathematics of Puducherry and Karaikal region. The purpose of conducting such a competition was to provide the students of Mathematics a platform to exhibit their skills and to get exposure to Mathematical concepts in a novel way. The Aim of the competition was to initiate healthy competition among students thereby enhancing their ability to learn the art of problem solving.







Our College

Tigore Government Arts and Science College, established in the year 1961, is a permier institution in the Union Verritory of Puthatherry, Stri. Fandit Javaharlai Nehru had the hundrion store of our College on the Birth Centerary of our potron Shri Rabindounath Tagore. In a span of 57 year it has blossomed into a full-fledged institution offering courses in a wide range of disciplines at the Graduate level. The College has earned the honour of being recognised as a quality institution by the University of Madris. From the year 1986, the College is affiliated to the Pondicherry University. Our College has been reacceedited with B Grade by the NAAC and is the only NIRF sertified Gost. College in the Union Territory of Pondicherry with rank in the band 100-150.

Our Department

The Deportment of Mathematics was started in the year 1962 with the undergradume course. The postgradume course was started in the year 1970 It was later shifted to KMCPGS in the year 1984. Many of our alumni are in rite positions. Some of our faculty mainbers are alumni of the department.

Purpose

MathfeataB provides a platform for the students of Mathematics to exhibit their skills and to get exposure to unabematical concepts in a morel way. The event atom to initiate a locality competition among the students of Mathematics thereby enhancing their ability to think analytically and to learn the set of problem solving.

Competitions

The competitions feeladed in the Mathfeartift are

- Mathematics Quiz.
- a: Presingularing
- 3. Quantitative aptitude
- 4. Immorative and Propertation

Each college can send two students for each of the competitions. The students must be from either II year or III year E.Sc Mathematics. No student is allowed to take part in more than one immediate.



Mathematics Quiz

The participants have to register as a two member team. The contestants have to take a screening test as individual in the preliminaries. Based on the total score of the mumbers of summ, there tooms will be selected for the final. Quir will be on various topics of mathematics and it will include visual and rapid for rounds.

Pazzle solving

The intention of this content is to encourage minosity and lateral filmining. This will be a sentral test consisting of inminiboggling mathematical puzzles which are to be crucked in a specified time.

Quantitative Aptitude

In the present competitive world, students need to enhance their skills in various aspects. One of them is to exact in Quantitative optimide. With this perspective, Quants aptitude is figuring in Mathibustis.

Innovative seal Presentation

To encourage the studients to come was with these own ideas in understanding and developing mathematical concepts, this event has been accommodated in Mathieuteaux.

Organizing committee:

Patron: Dr.N.Ilango, Principal, TGASC

Convenor: Mr.S.Damodaran, HOD

Mathematics,TGASC

Secretary: Ms.V.Thulasi @Premakumari Associate prof. Mathematics ,TGASC

Joint Secretary: Mrs.A.Shanthi ,Associate Professor & Mrs.K.Valarmadi ,Asssistant

Professor Mathematics ,TGASC

Co ordinators:

Innovative Oral presentation:

Mr.V.Balakrishnan Asssistant Professor of Mathematics ,TGASC

PUZZLE: Ms.K.Ramani Asssistant Professor of Mathematics ,TGASC

Quants Apptitude: Mrs.M.Thenmozhi Asssistant Professor of Mathematics ,TGASC

Quiz: Mrs.M.Geetha Asssistant Professor of Mathematics ,TGASC

Judges: Dr.A.Muthu Ganapathi Subramanian & Dr.Gopal Sekar , Associate Professors , Department of Mathematics ,KMCPGS



A section of the Participants



Participants:

Nearly 250 students from 7 colleges participated .

The Participant colleges were:

1. Avvaiyar Govt. College for Women
2. Bharathidasan Govt. college for women
3. Achariya Arts and Science college 4.
Idhaya College for Women 5. Saradha
Gangadharan College 6. Perunthalaivar
Kamarajar Arts and Science College
7. Tagore Govt. Arts and Science college.



Inauguration:

The program was inaugurated at 9.00 a.m with the ceremony of lighting of kuthuvilakku by Dr.N.Ilango Principal ,TGASC and all the faculty members of the participant colleges .

. Dr. N. Ilango, Principal, Dr. Sekar Head of Physics Department, Dr. Mourougan Head of Computer Science Department, TGASC, Dr. Dhaneshwar Prasad Head of the Department of Mathematics, KMCPGS and various faculty members of participant colleges and KMCPGS felicitated the participants .











Competitions:

Participants Presenting innovations in their Ideas





Engrossed in Quiz





Puzzle and Quants time

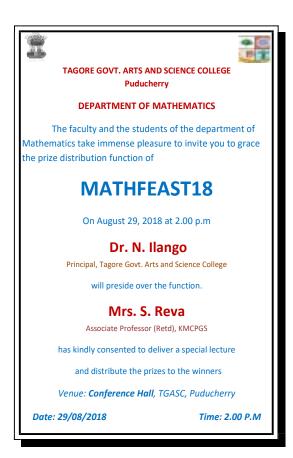




Competition Winners:

| COMPETITION | WINNERS | COLLEGE |
|--------------------|------------------------------------|--|
| PUZZLE | J. Jenniffer , II B. Sc Maths | Idhaya College for Women |
| | V.Mohanraj, II B. Sc Maths | Saradha Gangadharan C ollege |
| | V. Vaijenthi , III B. Sc Maths | Tagore Govt. Arts and Science College |
| | M. Hemalatha , II B. Sc Maths | Tagore Govt. Arts and Science College |
| QUANTS APTITUDE | J. Jestine , III B. Sc Maths | Tagore Govt. Arts and Science College |
| | T. Leha , III B. Sc Maths | Idhaya College for Women |
| | D. Mylan, III B. Sc Maths | Achariya college of Arts and Science. |
| | C. Vasanthakumar , III B. Sc Maths | Perunthalaivar Arts and Science College. |
| Innovative Oral | I. Lydwin Mary , III B. Sc Maths | Bharathidasan Govt. college for Women. |
| Presentation | S. Harikrishnan, II B. Sc Maths | Saradha Gangadharan college |
| QUIZ | K. Deepa, III B. Sc Maths | Bharathidasan Govt. college for Women. |
| | R. Nagavalli ,III B. Sc Maths | Bharathidasan Govt. college for Women. |
| | M.Ilanchezhian, III B. Sc Maths . | Tagore Govt. Arts and Science College |
| | N. Nishanthini , III B. Sc Maths | Tagore Govt. Arts and Science College |

Prize Distribution function:



Ms. V.Thulasi, Associate professor of Mathematics welcomed the gathering.



Principal Dr.N. Ilango presided over the function and advised the students on the pitfalls of over dependence on cell phone.



Dr.R. Vasanthakumari, Director, KMCPGS felicitated Mrs. Reva, Retired Professor of Mathematics and the Chief Guest of the function.



Ms. Thulasi honouring Our Chief Guest Mrs. Reva



Chief Guest Mrs. Reva Madam gave away the prizes to the winners

















TGASC - Winners , Overall Championship , Mathfeast 18



Mr.S.Damodaran , Head of the department of Mathematics delivered the vote of thanks



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