

DR. AMBEDKAR GOVERNMENT ARTS COLLEGE (AUTONOMOUS), VYASARPADI, CHENNAI-39

PG & RESEARCH DEPARTMENT OF MATHEMATICS

Event Name	: Maths Exhibition for School Students.
Date	: 02.02.2023
Time	: 9.00 a.m to 5.00 p.m
Event Location	: RUSA Building, Dr. Ambedkar Government Arts College(Autonomous),Vyasarpadi, Chennai-39
Number of Schools Registered	: 5
Number of Teams Participated	: 11

In commemoration of the Golden Jubilee Year (1973-2023) of Dr. Ambedkar Government Arts college (Autonomous), Vyasarpadi, Chennai – 39, Tamilnadu, India, PG and Research Department of Mathematics organized a one day 'Maths Exhibition for School Students' inviting school students, studying in 9th to 12th std , from Schools in the vicinity of our college , titles of the exhibits being

1. Mathematics in day to day life.
2. Role of Mathematics in Tamil Language.
3. Short-cut methods in Arithmetics.

Three staff members from the department Dr. K. Thulukkanam, Assistant Professor of Mathematics, Mr. K. Saravanan, Assistant Professor of Mathematics, and Mrs. D. Kalpana, Assistant Professor of Mathematics took charge as Organizing Secretaries for the program.

The exhibition was unveiled by our beloved Principal Dr. R. Sumathi.

The program started with an invocation song followed by an outline of the importance of the exhibition, its rules and regulations.

Eleven teams from among five schools took part in the exhibition.

All the participated teams have exhibited their beautiful, intriguing, models on the above said three topics.

Staff & students from various departments of our college visited the exhibition, observed all the displayed models, appreciated and encouraged the participants

Laudable were their works and explanations.

Meanwhile, to encourage and motivate the students, short videos on lives and works of great Indian Mathematicians like, Srinivasa Ramanujan, Sheshadri, C.R. Rao, etc., were projected on wide screen.

A team of judges comprising Dr. O.S. Babu, Associate Professor of Mathematics, Dr.A.R.Ragavan, Associate Professor of Mathematics and Dr. G. Sekar, Assistant Professor of Computer Science, have carefully observed the displayed models, lend their ears to the explanations of models by the participant students, raised doubts, posed questions with regard to the objectives and usefulness of the displayed models, and sought clarification from the students.

After carefully, consolidating the score cards of different judges, first three prize winning teams were selected,

First Prize

– Municipal Higher Secondary School, Avadi.
(Team members : J. Priyakumari – IX C, S. Gokulnath – IX B)

Second Prize

– Municipal Higher Secondary School, Avadi. (2 - Teams)
(Team 1 members : S. Mohamed Farooq - IX B, A. Mohammed Riyaz - IX C
Team 2 members : R. Devendran - IX B, N.T. Lingesha - IX C, M.H. Prakash - IX C)

Third Prize

– Government High School, Manali Newtown
(Team Members : E.K. Janani - IX C, K. Priyadarshini - IX B, R. Dharshini - IX B,
R. Bhavani - IX B)

After this, the much awaited prize distribution session began with a welcome address by Dr.A.Sarojini, HOD of Mathematics, followed by the presidential address by our Principal Dr. R. Sumathi.

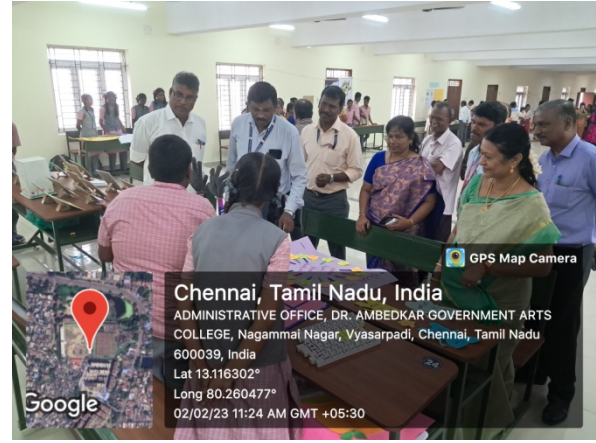
In her presidential address, she praised the initiation of the department to organize the exhibition in commemoration of Golden Jubilee Year, which also served as an outreach program. She appreciated all the students participants and encourage them to take part in many such programs and carry home the laurels.

Winners were announced by the team of judges and prizes & certificates were handed over to the respective winning teams by our Principal. Besides the winners, as a mark of appreciations, other participant students were also distributed consolation prizes & certificates.

Dr. K. Thulukkanam, Assistant Professor of Mathematics and Organizing Secretary, proposed a vote of thanks.

The program ended with National Anthem.

PHOTOS



ADMINISTRATIVE OFFICE, DR. AMBEDKAR GOVERNMENT ARTS
 COLLEGE, Nagammai Nagar, Vyasarpadi, Chennai, Tamil Nadu
 600039, India
 Latitude 13.116594641469419° Longitude 80.26029707863927°
 Local 02:15:43 PM Altitude -58 meters
 GMT 08:45:43 AM Thursday, 02.02.2023



ADMINISTRATIVE OFFICE, DR. AMBEDKAR GOVERNMENT ARTS
 COLLEGE, Nagammai Nagar, Vyasarpadi, Chennai, Tamil Nadu
 600039, India
 Latitude 13.116594641469419° Longitude 80.26029707863927°
 Local 12:46:41 PM Altitude -58 meters
 GMT 07:16:41 AM Thursday, 02.02.2023

DR. AMBEDKAR GOVERNMENT ARTS COLLEGE (AUTONOMOUS), VYASARPADI, CHENNAI-39

PG & RESEARCH DEPARTMENT OF MATHEMATICS

Event Name	: International conference on “Global Trends and Subtleties in Contemporary Mathematical Research” - IGCMR’23.
Date	: 24.03.2023
Time	: 9.00 a.m to 5.00 p.m
Event Location	: RUSA Building, Dr. Ambedkar Government Arts College(Autonomous),Vyasarpadi, Chennai-39
Number of Resource Persons	: 3
Number of Registered Participants	: 132

In commemoration of the Golden Jubilee Year (1973-2023) of Dr. Ambedkar Government Arts college (Autonomous), Vyasarpadi, Chennai – 39, Tamilnadu, India, PG and Research Department of Mathematics contemplated a one day International Conference (in Hybrid Mode) in collaboration with DST and TANSCH in the month of March 2023, inviting research papers from varied fields of Pure and Applied Mathematics, arranging talks by foreign and Indian speakers on the occasion and releasing proceedings of the conference.

This has materialized with the approval from the Principal and the date of the event fixed as **24.03.2023**, with the title of the conference as “Global Trends and Subtleties in Contemporary Mathematical Research”, and acronymed IGCMR’23. Associate Professor and HOD of Mathematics, Dr.A. Sarojini took charge as Convenor of the Conference, Dr. K. Thulukkanam, Assistant Professor of Mathematics, took charge as Organizing Secretary of the Conference and all other staff members of Mathematics Department,

- 1) Dr.O.S.Babu, Associate Professor of Mathematics
- 2) Dr.A.R.Ragavan, Associate Professor of Mathematics
- 3) Dr.J.Desdemona Kirubhavathi, Associate Professor of Mathematics
- 4) Dr.S.Karthigeyan, Assistant Professor of Mathematics
- 5) Dr.M.K.PurushothKumar, Assistant Professor of Mathematics
- 6) Mr.K.Saravanan, Assistant Professor of Mathematics
- 7) Mrs.D.Kalpana, Assistant Professor of Mathematics
- 8) Dr.G.Palani, Assistant Professor of Mathematics
- 9) Dr.D.K.Shirley Gloria, Assistant Professor of Mathematics
- 10) Mrs.J.Gnanambigai, Guest Lecturer

agreed to act as members of the Organizing Committee.

Following three speakers were invited as resource persons.

1. Dr. Balachandra Pattanaik
Professor, Department of Electrical and Computer Engineering,
College of Engineering and Technology,
Wallaga University, Nekemte, Ethiopia, Africa.
2. Dr. Balamurugan B.J.
Associate Professor, Department of Mathematics,
VIT University, Chennai.
3. Dr. Vijayakumar P
Professor of Mathematics and Controller of Examinations,
GIET University, Gunupur, Odisha.

Brochure for the event, inviting researchers and academicians for participation and presentation of papers in the fields of Algebra & Analysis, Graph Theory, Differential Equations, Mechanics & Fluid Dynamics, Fuzzy sets & Applications, Computational Mathematics, Numerical Analysis, Operations Research, Stochastic Process, Topology, etc., was widely circulated among various Higher Educational Institutions world over.

Various committees were formed within the Department for smoothly carrying out Conference related works.

Dr. G. Ramesh, Assistant Professor of Chemistry volunteered and extended an helping hand in arranging Online Registrations, Online Presentations, getting ISBN for the Conference Proceedings, and in issue of Certificates. Dr. G. Ramachandran, Assistant Professor of Chemistry, supported in seeking collaboration from TANSCH and DST , and in arranging sponsorships.

There was an overwhelming response from the researchers and students. Totally 132 have registered, of them, 84 have presented papers (offline - 26, online - 58) 30 have just participated (offline – 25, online – 05). Registrations went on till 19.03.2023. Abstracts were reviewed by expert panel for accepting papers.

Dr. Thirusangu K, Principal (incharge), HOD of Mathematics, Dean (Research & Development), S.I.V.E.T. College, Chennai, has been invited to inaugurate the conference and release the conference proceedings.

On 24.03.2023 the conference began with a huge presence of researchers, academicians, students and professors of our college. The conference was unveiled with an invocation followed by lighting of Kuthuvillaku. Dr. A. Sarojini, Convenor IGCMR' 23 and HOD of Mathematics, delivered the welcome address. Dr. K. Thulukkanam, Organizing Secretary IGCMR' 23, explained the objectives of the conference. Our beloved Principal Dr. R. Sumathi presided over the conference with her presidential address and the guests were honoured with mementoes and shawls. Following this Dr. A.R. Ragavan,

Associate Professor of Mathematics, introduced the chief guest. After this, chief guest inaugurated the conference with a beautiful inaugural address and released the conference proceedings (the compilation of all Abstracts with necessary ISBN), the first copy of which was received by the Principal.

As scheduled, the technical session's, session – 1 began with a talk by the resource person Dr. Balamurugan B.J., Associate Professor, Department of Mathematics, VIT University, Chennai, on "QSPR Analysis of Physicochemical and ADMET properties of Drugs through Topological Descriptors of Molecular Graphs".

In session – 2, the foreign resource person Dr. Balachandra Pattanaik, Professor, Department of Electrical and Computer Engineering, College of Engineering and Technology, Wallaga University, Nekemte, Ethiopia, Africa, delivered a talk on "Recent Trends and Technologies in Mathematics".

In session – 3, researchers presented the papers. Online and offline presentations took place in different halls with Chairpersons as

- 1) Dr. Annamma, Assistant Professor of Mathematics, LNG College, Ponneri.
 - 2) Dr. Lavanya, Assistant Professor of Mathematics, Bharathi Womens College, Chennai.
 - 3) Dr. Ratnakumari, Assistant Professor of Mathematics, LNG College, Ponneri.
 - 4) Dr. N. Sundaram, Assistant Professor and HOD of Statistics, Govt. Arts College for men, Nandanam,
and Co-Chairpersons as
- 1) Dr. A.R. Ragavan, Associate Professor of Mathematics, Dr. Ambedkar Government Arts college.
 - 2) Dr. O.S. Babu, Associate Professor of Mathematics, Dr. Ambedkar Government Arts college.
 - 3) Dr. G. Palani, Assistant Professor of Mathematics and Additional Controller of Examinations, Dr. Ambedkar Government Arts college.
 - 4) Dr.D.K.Shirley Gloria, Assistant Professor of Mathematics, Dr. Ambedkar Government Arts college.

After session – 3, Honourable Member Secretary of TANSCH Dr. S. Krishnasamy, graced the occasion, gave an inspiring speech, appreciating our initiative, and motivating students, teachers and researchers to involve themselves in active research and march forward to higher echelons of research.

With this the forenoon session came to an end, and Dr. D. Kalpana, Assistant Professor of Mathematics, Dr. Ambedkar Government Arts college, proposed a vote of thanks.

After the lunch break, the afternoon session (Technical session – 4) began with a talk by the resource person Dr. Vijayakumar P, Professor of Mathematics and Controller of Examinations, GIET University, Gunupur, Odisha, on "Application of Graph Labelling in Cryptography".

This was followed by session – 5, with paper presentations.

Dr. D.K.Shirley Gloria, Assistant Professor of Mathematics, Dr. Ambedkar Government Arts college, proposed a vote of thanks for this afternoon technical session.

After the end of technical session, valedictory began with a felicitation by the resource person Professor P. Vijayakumar. Following this, participants gave their valuable feedback.

Dr. K. Thulukkanam, Organizing Secretary IGCMR' 23, proposed a vote of thanks, and assured the participants/paper presenters of online certificates on submitting their feedback forms (Google forms).

The program ended with National Anthem.

PHOTOS

