



WAVOO WAJEEHA WOMEN'S COLLEGE
OF ARTS AND SCIENCE, KAYALPATNAM
(Affiliated to Manonmaniam Sundaranar University, Tirunelveli)
Run by Wavoo SAR Educational Trust
(Minority Institution)



DEPARTMENT OF MATHEMATICS

Association Report

(2019-2020)

INAUGURATION OF ASSOCIATION

The Inauguration of the Mathematics Association was held on 25.07.2019 in our college premises. Mrs. K. Anita Blessie Rani M.Sc., M.Phil., SET was selected as Convenor, J.S. Siraj Muwaffiqa of III B.Sc., Mathematics and M. Santhana Priya of II B.Sc., Mathematics are selected as Secretary and Joint Secretary respectively.

THE FIRST MATHEMATICS ASSOCIATION MEETING

The first Mathematics Association Meeting was held on 21.08.2019 at 11.00 a.m. The chief guest Dr. K. Bageerathi M.Sc., M.Phil., Ph.D., Assistant Professor of Mathematics, Aditanar College of Arts and Science, Tiruchendur gave a lecture on “Application of Mathematics in Real Life Situation” for UG and PG Mathematics Students.



Figure 1: The first Mathematics Association Meeting

NUMERICAL ABILITY TEST

To test and enhance the Numerical knowledge, the Department conducted a Numerical Ability Test for all Mathematics Students on 12.09.2019 at 10 a.m.

NATIONAL CONFERENCE

A National Conference on Pure and Applied Mathematics - NCPAM was conducted on 25.09.2019. The Resource person, Prof. Mr. G. Ganesan, Former Principal Adikavi Nannaya University, Rajahmundry, Andhra Pradesh gave a lecture on “Mathematical Aspects in Intelligent Computing”. The Resource person Dr. Mr. G. Thangaraj , Professor, Department of Mathematics, Thiruvalluvar University, Vellore gave a lecture on “Fuzzy Topological Space”. The Resource Person for the final session, Dr. Mrs. S. Ramachandran, Associate Professor of Mathematics(Rtd) ,Vivekananda College, Agasteeswaram gave a lecture on “Ulam’s Graph Reconstruction Conjecture and Related Problems”. 145 students and research scholars from 19 institutions participated in the conference and 30 of them presented their research papers. Also accepted papers are published in the special issue of **International Journal of Mathematics Trends and Technology (IJMTT)**



Figure 2: National Conference on Pure and Applied Mathematics - NCPAM

NATIONAL MATHEMATICS DAY

The National Mathematics Day was celebrated on 20.12.2019. The Chief Guest Dr. C. Sekar M.Sc., M.Phil., Ph.D Assistant Professor of Mathematics, Post Graduate Extension Centre, Manonmaniam Sundaranar University, Nagercoil gave a lecture on the topic “Numbers Rule the World”. On the same day, the Association conducted various competitions to bring out the talent of Mathematics students, namely,

1. Poster Presentation
2. Paper Presentation
3. Pencil Drawing



Figure 3: The National Mathematics Day

ALUMNAE CONTRIBUTION OF THE CONFERENCE

Our Department alumnae M.Sc Mathematics (Batch: 2017-2019) donate Rs.1400/- for the National Conference snacks



Figure 4: Donate money by our Alumnae (M.sc Maths 2017-2019 Batch)

MATHEMATICS ASSOCIATION

S. No	Date	Event	Chief Guest / Resource Person
1	21.08.2019	Application of Mathematics in Real Life Situation-GUEST LECTURE	Dr. K. Bageerathi M.Sc., M.Phil., Ph.D., Assistant Professor of Mathematics, Aditanar College of Arts and Science, Tiruchendur
2	12.09.2019	Numerical Ability Test	-----
3	20.09.2019	National Conference	<ul style="list-style-type: none"> ➤ Prof. Mr. G. Ganesan, Former Principal Adikavi Nannaya University, Rajahmundry, Andhra Pradesh ➤ Dr. Mr. G. Thangaraj , Professor, Department of Mathematics, Thiruvalluvar University, Vellore ➤ Dr. Mrs. S. Ramachandran, Associate Professor of Mathematics(Rtd) ,Vivekananda College, Agasteeswara.
3	20.12.2019	National Mathematics Day	Dr. C. Sekar M.Sc., M.Phil., Ph.D Assistant Professor of Mathematics, Post Graduate Extension Centre, Manonmaniam Sundaranar University, Nagercoil

ANNEXURE – I

WINNERS OF MATHEMATICS ASSOCIATION (2019-2020)

Numerical Ability Test (12.09.2019)

S.No	Name	Class	Place
1	M. Gomathi	III B.Sc Mathematics	I
	S. A. Siti Fouziya	III B.Sc Mathematics	
2	K. M.S. Ahamed Marzooka	II B.Sc Mathematics	II
3	K. Priyanka	II M.Sc Mathematics	III
	A.Rahmath Fathima Shifa	II M.Sc Mathematics	

ANNEXURE – II

NATIONAL MATHEMATICS DAY WINNERS (20.12.2019)

Pencil Drawing

S.No	Name	Class	Place
1	S. H. Nalifa Fahmitha	I B.Sc Physics	I
2	N. Pushpalatha	III B.Sc IT	II
3	M. Gayathri	III B.A Tamil	III

Poster Presentation

S.No	Name	Class	Place
1	J.S. Siraj Muwaffiqqa	III B.Sc Mathematics	I
	P. Jamal Jasmine	II B.Sc Mathematics	
2	M. N. Balkees Aafiya	II B. Com	II
	K.S.L. Shaik Rilwana	II B. Com	

Paper Presentation

S.No	Name	Class	Place
1	S. Sweetlin Mathiya	I B.A English	I
	R. Anushiya	I B.A English	
2	A.M. Aysha Shareefa	II B. Com	II
	A.Sithi Naeema	II B. Com	

ANNEXURE -III

FIRST MATHEMATICS ASSOCIATION

NOTICE

Mathematics Association

We are happy to inform you that our Mathematics Association Meeting will be held on 21.08.2019, Wednesday at 10.30 a.m. in our college seminar hall.

Chief Guest:

Dr. Mrs. K. Bageerathi M.Sc., M.Phil., Ph.D.

Associate Professor,

Department of Mathematics

Aditanar College of Arts and Science

Tiruchendur

Topic : “Application of Mathematics in Real life situation”


Convenor

Date : 20.08.2019


R.C.Vasuthi
Principal

ANNEXURE – IV

NATIONAL MATHEMATICS DAY

CIRCULAR

Department of Mathematics

We are happy to inform you that the Department of Mathematics has planned to celebrate the "National Mathematics Day" by conducting the following competitions on 20.12.2019 at 10.30 a.m. in our college seminar hall.

S.No	Competition	Topic
1	Poster Presentation	Life History of Srinivasa Ramanujan
2	Paper Presentation	Contributions of Ramanujan
3	Pencil Drawing	Sketch of Srinivasa Ramanujan

Two participants per team are allowed to participate in each competition from each department. Participants should enroll their names to Mrs. K. Anita Blessie Rani, Assistant Professor, Department of Mathematics on or before 19.12.2019.


Association Secretary
Date: 17.12.2019


R. C. Venkatesh
Principal



**WAVOO WAJEEHA WOMEN'S COLLEGE
OF ARTS AND SCIENCE, KAYALPATNAM**

DEPARTMENT OF MATHEMATICS

ORGANISES

NATIONAL MATHEMATICS DAY

ON

NUMBERS RULE THE WORLD

Chief Guest: Dr. C. Sekar
Assistant Professor of Mathematics
Post Graduate Extension Centre
Manonmaniam Sundaranar University

DATE: 20-12-2019
TIME: 10.30 a. m
VENUE: Seminar Hall

ANNEXURE – V

NATIONAL CONFERENCE (NCPAM-19)

**WAVOO WAJEEHA WOMEN'S COLLEGE
OF ARTS AND SCIENCE
(Minority Institution)**
Ran by : WAVOO SAR EDUCATIONAL TRUST
Established in : 2006
Address : 1, Nizampatnam, Sommerville
Tirumalai Road, Kavali, Andhra-628204
Website: www.wavoojeehacollege.in
Phone: 04639-280900, 281500



**National Conference
on
Pure and Applied
Mathematics
(NCPAM-19)**
25.09.2019, Wednesday

Organized by
DEPARTMENT OF MATHEMATICS
Email: wavoo.maths@gmail.com

About the College and Department
Wavoo Wajeeha Women's College of Arts and Science was established in the year 2006 by Alj Wavoo Sar Educational Trust. The main objective is to provide higher education to the girls in the rural areas, bringing out their inherent abilities to make them highly qualified, educated and technically competent individuals. The college has 72 dedicated faculty members and around 1500 students. The college is located in kavali which is 5 kms from Tirumalai.

The Department of Mathematics was established in the year 2006 and upgraded to Post graduate Department by starting M.Sc. programme in the year 2016. The team consists of 8 dedicated faculty members. In order to bring out the talents of the students and to make students the department conducts an Annual Association Meetings at regular intervals. The students of the Department who have participated and demonstrated their academic talents immensely, will be honoured with certificates and prizes. The objective of the Department is to enable the students to have a thorough understanding of the Mathematical concepts and terminology used in the field of science.

About the Conference
Mathematics plays a pivotal role in Scientific and Industrial advancement. Nowadays there is a growing awareness among youngsters to engage in research on pure and applied mathematics. The main objective is to provide a platform to bring together the experts, researchers and resource persons for the discussion of soft computing, Topology and Graph Theory. This conference is being organized with the following objectives:

• Promoting research scope in this field, to enhance the knowledge of participants in the topics.

Call for Papers
We invite original research papers in any branch of pure and applied mathematics from Academic and Research scholars, students, Abstract and full paper (MS Word, Font size:12, Font: Times New Roman, line Space: 1.5, paper size: maximum 15 pages) should be submitted through e-mail: maths@wavoojeehacollege.in

Accepted Papers
Accepted Papers will be published as a special issue of *International Journal of Mathematics Trends and Technology (ISSN: 2231-5373)* and Google Scholar.

Last date for submission of abstract:
12.08.2019

Last date for submission of paper:
13.09.2019

Last date for submission of full paper:
18.09.2019

Registration fee:
For students : Rs.150/-
For faculty / Research Scholar : Rs.200/-
With paper presentation : Rs.250/-
For invited paper in proceedings of SNY Journal (ISSN: 2231-5373) : Additional Rs.600/-

Programme Schedule
Registration : 9.00 a.m. - 10.00 a.m.
Inaugural function : 10.00 a.m. - 10.30 a.m.
Session-I : 10.30 a.m. - 11.40 a.m.

Mathematical aspects in Intelligent Computing
Prof.G.Ganesan
From the Chair
Adikavi Nayanar University, Rajahmundry,
Andhra Pradesh
Title : **Graphs and Topological Space**
Session-I : (10.40 a.m. - 11.30 a.m.)
Session-II : (11.30 a.m. - 1.00 p.m.)

Fuzzy Topological Space
Dr.G.Thirumalai
Professor, Department of Mathematics,
Dean UG & PG, Thirumalai University,
Vellore
Title : **Graphs and Topological Space**
Session-I : (1.00 p.m. - 2.00 p.m.)
Session-II : (2.00 p.m. - 3.00 p.m.)

**Ulam's Graph reconnection
conjecture and related problems**
Dr.S.Ramachandran,M.Sc,Ph.D.,
Associate Professor of Mathematics/Reddi
Vidya Vihar, Andhra Pradesh
Paper Presentation
Tea Break : 3.10 p.m. - 3.20 p.m.
Valedictory Session : 3.20 p.m. - 4.00 p.m.

General Information
➤ Only female students can participate
➤ Male students research scholars are only permitted for paper presentation
➤ Kindly confirm your participation by mail or call us before 15.08.2019
➤ Spot Registration will be accepted
➤ Participants should bring their college ID card or Bonafide certificate
➤ The registration fee includes Conference Kit, Tea Break, Valedictory Function
➤ No TADA will be provided
➤ For further details contact:
Dr. Mrs. A.Sudha 8807114948
Mrs. K. Kalairini 8893124323

**WAVOO WAJEEHA WOMEN'S COLLEGE
OF ARTS AND SCIENCE, KAVALPATHAM
National Conference on
Pure and Applied Mathematics
NCPAM-19
25.09.2019**

Session : 10.00 a.m. - 11.30 a.m.
Chairperson : Prof. G. Ganesan, M.Sc., M.Phil., M.Ph.D.,
Associate Professor of Mathematics
President over the Session : Alhaj Wavoo S. Seyed Abdur Rahman
Secretary : Prof. G. Ganesan
In the Presence of : Prof. G. Ganesan
Haji. Hafiz Wavoo S. S.A. Ahmed Isaque Aslam, M.A., A.Ashari(Egypt)
Assistant Secretary
Inaugural Address : Dr. A. Sudha, M.Sc., M.Phil., Ph.D.,
Head of the Department of Mathematics
Inaugural Address : Dr. R.C. Gorai, M.A., Ph.D., D.G.T.,
Principal
Felicitations : Dr.Mrs. Mary Henry, M.A., Ph.D.,
President
Memento Presentation : Alhaj Wavoo S. Seyed Abdur Rahman
Founder - President

Session : 10.00 a.m. - 11.30 a.m.
Introducing the Resource Person : Prof. G. Ganesan, M.Sc., M.Phil., M.Ph.D.,
Associate Professor of Mathematics
Resource Person : Prof. G. Ganesan
Dr. A. Sudha, M.Sc., M.Phil., Ph.D.,
Head of the Department of Mathematics
Dr. R.C. Gorai, M.A., Ph.D., D.G.T.,
Principal
Dr.Mrs. Mary Henry, M.A., Ph.D.,
President
Alhaj Wavoo S. Seyed Abdur Rahman
Founder - President

Topic : MATHEMATICAL ASPECTS IN INTELLIGENT COMPUTING
Tea Break : 11.40 a.m. - 11.50 a.m.

Session : 10.00 a.m. - 11.30 a.m.
Chairperson : Prof. G. Ganesan, M.Sc., M.Phil., M.Ph.D.,
Associate Professor of Mathematics
President over the Session : Prof. G. Ganesan, M.Sc., M.Phil., M.Ph.D.,
Associate Professor of Mathematics
In the Presence of : Prof. G. Ganesan, M.Sc., M.Phil., M.Ph.D.,
Associate Professor of Mathematics
Haji. Hafiz Wavoo S. S.A. Ahmed Isaque Aslam, M.A., A.Ashari(Egypt)
Assistant Secretary
Inaugural Address : Dr. A. Sudha, M.Sc., M.Phil., Ph.D.,
Head of the Department of Mathematics
Inaugural Address : Dr. R.C. Gorai, M.A., Ph.D., D.G.T.,
Principal
Felicitations : Dr.Mrs. Mary Henry, M.A., Ph.D.,
President
Memento Presentation : Alhaj Wavoo S. Seyed Abdur Rahman
Founder - President

Session : 10.00 a.m. - 11.30 a.m.
Introducing the Resource Person : Prof. G. Ganesan, M.Sc., M.Phil., M.Ph.D.,
Associate Professor of Mathematics
Resource Person : Prof. G. Ganesan
Dr. A. Sudha, M.Sc., M.Phil., Ph.D.,
Head of the Department of Mathematics
Dr. R.C. Gorai, M.A., Ph.D., D.G.T.,
Principal
Dr.Mrs. Mary Henry, M.A., Ph.D.,
President
Alhaj Wavoo S. Seyed Abdur Rahman
Founder - President

Topic : FUZZY TOPOLOGICAL SPACE
PAPER PRESENTATION
Chairperson : Prof. G. Ganesan, M.Sc., M.Phil., M.Ph.D.,
Associate Professor of Mathematics
President over the Session : Prof. G. Ganesan, M.Sc., M.Phil., M.Ph.D.,
Associate Professor of Mathematics
In the Presence of : Prof. G. Ganesan, M.Sc., M.Phil., M.Ph.D.,
Associate Professor of Mathematics
Haji. Hafiz Wavoo S. S.A. Ahmed Isaque Aslam, M.A., A.Ashari(Egypt)
Assistant Secretary
Inaugural Address : Dr. A. Sudha, M.Sc., M.Phil., Ph.D.,
Head of the Department of Mathematics
Inaugural Address : Dr. R.C. Gorai, M.A., Ph.D., D.G.T.,
Principal
Felicitations : Dr.Mrs. Mary Henry, M.A., Ph.D.,
President
Memento Presentation : Alhaj Wavoo S. Seyed Abdur Rahman
Founder - President

Topic : ULAM'S GRAPH RECONSTRUCTION CONJECTURE AND RELATED PROBLEMS
PAPER PRESENTATION
Chairperson : Prof. G. Ganesan, M.Sc., M.Phil., M.Ph.D.,
Associate Professor of Mathematics
President over the Session : Prof. G. Ganesan, M.Sc., M.Phil., M.Ph.D.,
Associate Professor of Mathematics
In the Presence of : Prof. G. Ganesan, M.Sc., M.Phil., M.Ph.D.,
Associate Professor of Mathematics
Haji. Hafiz Wavoo S. S.A. Ahmed Isaque Aslam, M.A., A.Ashari(Egypt)
Assistant Secretary
Inaugural Address : Dr. A. Sudha, M.Sc., M.Phil., Ph.D.,
Head of the Department of Mathematics
Inaugural Address : Dr. R.C. Gorai, M.A., Ph.D., D.G.T.,
Principal
Felicitations : Dr.Mrs. Mary Henry, M.A., Ph.D.,
President
Memento Presentation : Alhaj Wavoo S. Seyed Abdur Rahman
Founder - President

National Conference on Pure and Applied Mathematics -2019
25-09-2019
BOOK OF ABSTRACTS

Organized by
The Department of Mathematics,
Wavoo Wajeeha Women's College
of Arts and Science,
Kavalpatnam,
www.wavoojeehacollege.in

**National Conference on
PURE AND APPLIED
MATHEMATICS
(NCPAM-19)**

25.09.2019

Organized by
Wavoo Wajeeha Women's College of Arts and Science, Kavalpatnam.