



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 Muwaffiq 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 **Interntional 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. Sithi 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 Muwaffiq	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


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


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)**
Run by: WAVOO SARE EDUCATIONAL TRUST
(Affiliated to: Mannamam Sundararam University)
Tiruchendur (Tamil Nadu, India) 623004
Website: www.wavoo.wajeeha.ac.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 2009 by Alhaj Wavoo S. Seyid Abdul Rahman under Wavoo SARE Educational Trust. Its primary objective is to provide higher education to the girls in the rural area, bringing out their inherent abilities to make them highly qualified, disciplined and technically competent individuals. There are over 75 dedicated faculty members and around 1500 students. The college is located in Kayampattinam which is 5 km from Tiruchendur.

The Department of Mathematics was established in the year 2007. The department got upgraded as Post graduate Department by starting M.Sc. programme in the year 2016. The team consists of dedicated faculty members. In order to bring out the talents of the Mathematics students, the department conducts its Annual Association Meetings at regular intervals. The students of the Department who have participated and demonstrated their academic talents impressively, will be honored 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 of Mathematical science.

About the Conference

Mathematics plays a pivotal role in Scientific and Industrial advancement. Now-a-days there is a growing awareness among youngsters to engage in research on Pure and Applied Mathematics. The aim of this Conference is to provide a platform to bring together the experts, researchers and research persons for the discussion of soft computing, Topology and Graph Theory. This conference is being organized with a

promoting research scope in this field, to understand and learn the hidden concepts, and to share the important aspects in these topics.

Call for Papers

We invite original research papers in any branch of pure and applied Mathematics from Academicians, research scholars and 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.

wavoo.maths@gmail.com

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

Last date for submission of abstract: 12.09.2019

Information in the selected paper for presentation: 11.09.2019

Last date for submission of full paper: 18.09.2019

Registration fee: Rs.150/-

For students: Rs.200/-

For faculty/Research Scholar: Rs.250/-

With paper presentation: Rs.250/-

For inclusion of paper in proceedings (ISSN): Journal (ISSN): Additional Rs.500/-

Programme Schedule

Registration: 9.30 a.m. - 10.00 a.m.

Integral 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. Ganesh

Former Principal,

Adilash Narmaya University, Rajahmundry,

Andhra Pradesh.

Tu Week: 11.40 a.m. - 11.50 a.m.

Session II: 11.50 a.m. - 1.00 p.m.

Fuzzy Topological Space

Dr. G. Thangaraj

Professor, Department of Mathematics,

Osaka City University, Osaka, Japan.

Value: 1.00 p.m. - 1.10 p.m.

Session III: 1.10 p.m. - 1.20 p.m.

Ulam's graph reconstruction

Dr. K. Ramachandran, M.Sc., P.D.,

Associate Professor of Mathematics (Hd)

Vidyanand College, Apurva, Tamil Nadu.

Paper Presentation

Tu Week: 1.20 p.m. - 1.30 p.m.

Velocity: 1.30 p.m. - 1.40 p.m.

General Instructions

➤ Only female students can participate

➤ Male students research scholars are only

permitted for paper presentation

➤ Kindly confirm your participation by mail

or call on or before: 15.09.2019

➤ Spot Registration will be accepted

➤ Participants should bring their college ID

card or Identity certificate

➤ The registration fee includes Conference

kit and working lunch

➤ No TA/DA will be provided

➤ For further details contact:

Dr. Mrs. A. Sudha 807114048

Ms. K. Kalpana 808124223

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

Inauguration: 10.00 a.m.

1. **Guests:** Mr. S. Ahmed Marudurai, U.B.C (Maths)

2. **Chief Guest:** Alhaj Wavoo S. Seyid Abdul Rahman, Founder - President

3. **In the Presence of:** Hajj. Hafeez Wavoo, S.A.R. Ahmed Isaque Azim, M.A. (Islam) (Egypt)

4. **Academic Secretary:** Dr. A. Sudha, M.Sc., M.Phil., Ph.D., Head, Department of Mathematics

5. **Welcome Address:** Dr. R.C. Vasuki M.A., Ph.D., DGT, Principal

6. **Inaugural Address:** Dr. M.C. Mercy Henry, M.A., Ph.D., Director

7. **Felicitation:** Alhaj Wavoo S. Seyid Abdul Rahman, Founder - President

8. **Memento Presentation:** Alhaj Wavoo S. Seyid Abdul Rahman, Founder - President

Session - I: 10.30 a.m. - 11.40 a.m.

Introducing the Resource Person: Mrs. R. Rajarajam, M.Sc., M.Phil., Assistant Professor of Mathematics

Resource Person: Prof. G. Ganesh, Former Principal, Adilash Narmaya University, Rajahmundry, Andhra Pradesh.

Topic: MATHEMATICAL ASPECTS IN INTELLIGENT COMPUTING

Tea Break: 11.40 a.m. - 11.50 a.m.

Session - II: 11.50 a.m. - 1.00 p.m.

Topic: FUZZY TOPOLOGICAL SPACE

PAPER PRESENTATION

Session Break: 1.00 p.m. - 1.10 p.m.

Session - III: 1.10 p.m. - 1.20 p.m.

Topic: ULAM'S GRAPH RECONSTRUCTION CONJECTURE AND RELATED PROBLEMS

PAPER PRESENTATION

Tea Break: 1.20 p.m. - 1.30 p.m.

Session - IV: 1.30 p.m. - 1.40 p.m.

Topic: GRAPH THEORY

Session Break: 1.40 p.m. - 1.50 p.m.

Session - V: 1.50 p.m. - 2.00 p.m.

Topic: GRAPH THEORY

Session Break: 2.00 p.m. - 2.10 p.m.

Session - VI: 2.10 p.m. - 2.20 p.m.

Topic: GRAPH THEORY

Session Break: 2.20 p.m. - 2.30 p.m.

Session - VII: 2.30 p.m. - 2.40 p.m.

Topic: GRAPH THEORY

Session Break: 2.40 p.m. - 2.50 p.m.

Session - VIII: 2.50 p.m. - 3.00 p.m.

Topic: GRAPH THEORY

Session Break: 3.00 p.m. - 3.10 p.m.

Session - IX: 3.10 p.m. - 3.20 p.m.

Topic: GRAPH THEORY

Session Break: 3.20 p.m. - 3.30 p.m.

Session - X: 3.30 p.m. - 3.40 p.m.

Topic: GRAPH THEORY

Session Break: 3.40 p.m. - 3.50 p.m.

Session - XI: 3.50 p.m. - 4.00 p.m.

Topic: GRAPH THEORY

Session Break: 4.00 p.m. - 4.10 p.m.

Session - XII: 4.10 p.m. - 4.20 p.m.

Topic: GRAPH THEORY

Session Break: 4.20 p.m. - 4.30 p.m.

Session - XIII: 4.30 p.m. - 4.40 p.m.

Topic: GRAPH THEORY

Session Break: 4.40 p.m. - 4.50 p.m.

Session - XIV: 4.50 p.m. - 5.00 p.m.

Topic: GRAPH THEORY

Session Break: 5.00 p.m. - 5.10 p.m.

Session - XV: 5.10 p.m. - 5.20 p.m.

Topic: GRAPH THEORY

Session Break: 5.20 p.m. - 5.30 p.m.

Session - XVI: 5.30 p.m. - 5.40 p.m.

Topic: GRAPH THEORY

Session Break: 5.40 p.m. - 5.50 p.m.

Session - XVII: 5.50 p.m. - 6.00 p.m.

Topic: GRAPH THEORY

Session Break: 6.00 p.m. - 6.10 p.m.

Session - XVIII: 6.10 p.m. - 6.20 p.m.

Topic: GRAPH THEORY

Session Break: 6.20 p.m. - 6.30 p.m.

Session - XIX: 6.30 p.m. - 6.40 p.m.

Topic: GRAPH THEORY

Session Break: 6.40 p.m. - 6.50 p.m.

Session - XX: 6.50 p.m. - 7.00 p.m.

Topic: GRAPH THEORY

