

N.M.S.SERMATHAI VASAN COLLEGE FOR WOMEN MADURAI-12
DEPARTMENT OF MATHEMATICS
MATHEMA 2021-2022
STATE LEVEL SEMINAR on “Informative theory in signal processing”
29.10.2022

χ **Dr. T. Prathiba,**

Assistant Professor,
Kamaraj College of Engineering & Technology,
Virudhunagar.

NADAR MAHAJANA SANGAM
SERMATHAI VASAN COLLEGE FOR
WOMEN
(Accredited with “B” grade by NAAC)

STATE LEVEL WEBINAR
ON
INFORMATIVE THEORY IN SIGNAL PROCESSING
29th October 2021
Organized by
Department of Mathematics-MATHEMA

RESOURCE PERSON:
Dr.T.PRATHIBA,
ASSISTANT PROFESSOR,
KAMARAJ COLLEGE OF ENGINEERING &
TECHNOLOGY.
VIRUTHUNAGAR

PLATFORM: GOOGLE MEET **TIME: 2.00p.m-3.00p.m**

Dr.G.MARISKUMAR, M.A., M.Phil., M.T.M., Ph.D.,
PRESIDENT

G.KARIKOLRAJ **M.JEYAKUMAR, B.E** **D.NALLATHAMBI, B.A.B.L.,**
SECRETARY **CORRESPONDENT** **TREASURER**

D.KARTHIGARANI, M.Sc., M.Phil.,(Ph.D)
PRINCIPAL (I/C)

N.M.S.SERMATHAI VASAN COLLEGE FOR WOMEN, MADURAI – 12
DEPARTMENT OF MATHEMATICS – MATHEMA & ICT ACADEMY
STATE LEVEL WEBINAR

DATE: 29.10.2021

PLATFORM: Google Meet

PROGRAMME

χ Prayer

χ Welcome Address : **Mrs.K.Karpagam,**
Assistant Professor & Head,
Department of Mathematics

χ Presidential Address : **Dr.G.Mariskumar,**
President

χ Felicitation : **Thiru.G.Karikolraj**
Secretary
Thiru.M.Jeya Kumar, B.E.,
Correspondent
Thiru. D.Nallathambi. B.A., B.L.,
Treasurer
Mrs.D.Karthigarani, M.Sc., M.Phil., Ph.D
Principal i/c

χ Inaugural Address : **DR. T. Prathiba,**
Assistant Professor,
Kamaraj College of Engineering & Technology,
Virudhunagar.

χ Topic : **“Informative Theory in Signal Processing”**

χ Vote of Thanks : **Mrs.T.Thanga Priya,**
Assistant Professor
Department of Mathematics

Signal Processing Problems

- Eliminating/ Reduce Noise
- Correcting Distortion
- Extracting Information

Prathiba is presenting

Participants: kaleeswari, Prathiba, You, Maths, 41 others

About this call

People

Info

- Maths Nmsscvc (You)**
Meeting host
- Maths Nmsscvc**
Meeting host
- Maths Nmsscvc**
Meeting host
- Aji Selvan**
- Anantha Kumari Ananth...**
- aruna devi**
- Divya Bharathi P**
- Dr. S. Vijaya**
- Dr. Selvam Thangamani**
- HARIPRIYA MURUGAN**
- Hemalatha.R**

Properties of Signal

- Real Time
- Periodic
- Discrete
- Analogous

Prathiba+42

Prathiba is presenting

Signal Processing Problems

- Eliminating/ Reduce Noise
- Correcting Distortion
- Extracting Information

The slide contains three main visual elements: 1) An ECG signal plot where the left side is labeled 'Noisy ECG' and the right side is 'Clean ECG', with a red arrow indicating the transition. 2) A satellite image on the left that has been processed to highlight specific features. 3) A diagram of a satellite in orbit around Earth.

Prathiba is presenting

About this call

People Info

- M MOHAMMED HAKIL
- N Nagendran Rathi
- Nalla Amma
- Padma Bruntha S
- Parameswari. R
- P Prathiba karthy
- P Prathiba karthy (Presen...
- PRIYA DARSHINI
- ramya Kannan
- Ruthra Devi
- Sakthi Suppriya
- Saravana Priya

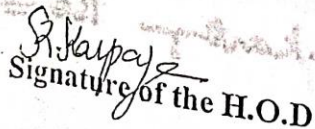
You Prathiba +44

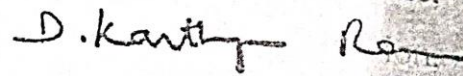
N.M.S.SERMATHAI VASAN COLLEGE FOR WOMEN MADURAI-12

DEPARTMENT OF MATHEMATICS - MATHEMA 2021-2022

REPORT

N.M.S.Sermathai Vasan College for Women, Madurai – Department of Mathematics – MATHEMA and ICT Academy jointly conducted state level webinar on 29.10.2021 at 02.00 p.m through Google Meet. This program was started with prayer song. Mrs. K. Karpagam, M.Sc., M.Phil., Head and Assistant Professor of the Department of Mathematics welcome the gathering. Dr.G.Mariskumar, President of our college delivered the presidential address. Our Principal Mrs.D.Karthigarani, M.Sc., M.Phil., (P.h.D) felicitated the programme. Our Chief Guest Dr.T.Prathiba, Assistant Professor, Department of Mathematics, Kamaraj College of Engineering and Technology, Virudhunagar, delivered the speech on the Topic “Informative Theory in Signal Processing”. She gave the clear explanation about Forms of Signals, Languages of Signal processing speech, Audio of processing, Under Water Acoustic, Biological and Medical Signal Analysis, Consumer Electronics, Transportation, Trucking, Airplane Tracking and Remote Sensing with more examples. Nearly 35 students and Staff Members are participated from various colleges. All the Students and Staffs benefited a lot. Finally, the vote of thanks was given by Mrs. T. Thanga Priya, M.Sc., M.Phil., Assistant Professor, Department of Mathematics.


Signature of the H.O.D


Signature of the Principal

ONLINE NATIONAL CONFERENCE – PHOTOS

DATE : 14.05.2022

RESOURCE PERSON: Dr. B.Vinoth,
Assistant Professor,
Department of Statistics,
Kristu Jayanti College (Autonomous),
Bengaluru.



N.M.S. SERMATHAI VASAN COLLEGE FOR WOMEN

AVANIYAPURAM MADURAI -12

ACCREDITED WITH “B” GRADE BY NAAC

DEPARTMENT OF MATHEMATICS - MATHEMA

Organizes

ONLINE NATIONAL CONFERENCE

on the Topic: “REGRESSION MODEL WITH OUTLIERS”



Resource Person:

Dr.B.VINOTH,
Assistant Professor,
Department of Statistics,
Kristu Jayanti College(autonomous)
Bengaluru.

Date: 14.05.2022

Time: 11.00 am

Platform: google meet

Mr.G.Karikolraj
Secretary

Dr.G.Mariskumar, M.A., M.Phil., M.T.M., Ph.D.,
President

Mr.M.Jeyakumar, B.E
Correspondent

Mr. D.Nallathambi,B.A.B.L.,
Treasurer

Mrs.D.Karthigarani, M.Sc., M.Phil.,(Ph.D)
Principal (I/C)
IIC Chairman

Google Meet Link: <https://meet.google.com/gwq-tiwa-qku>
ALL ARE CORDIALLY INVITED

N.M.S.SERMATHAI VASAN COLLEGE FOR WOMEN-MADURAI
MATHEMA (2021 – 2022)

AGENDA

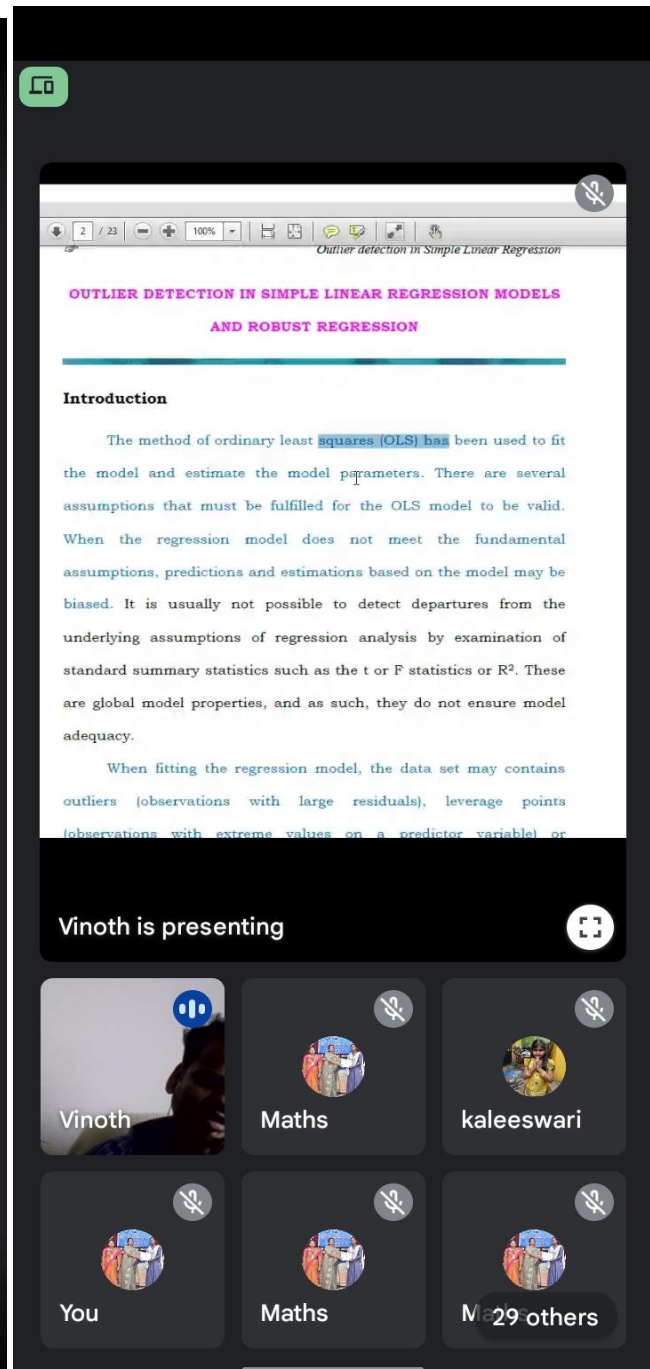
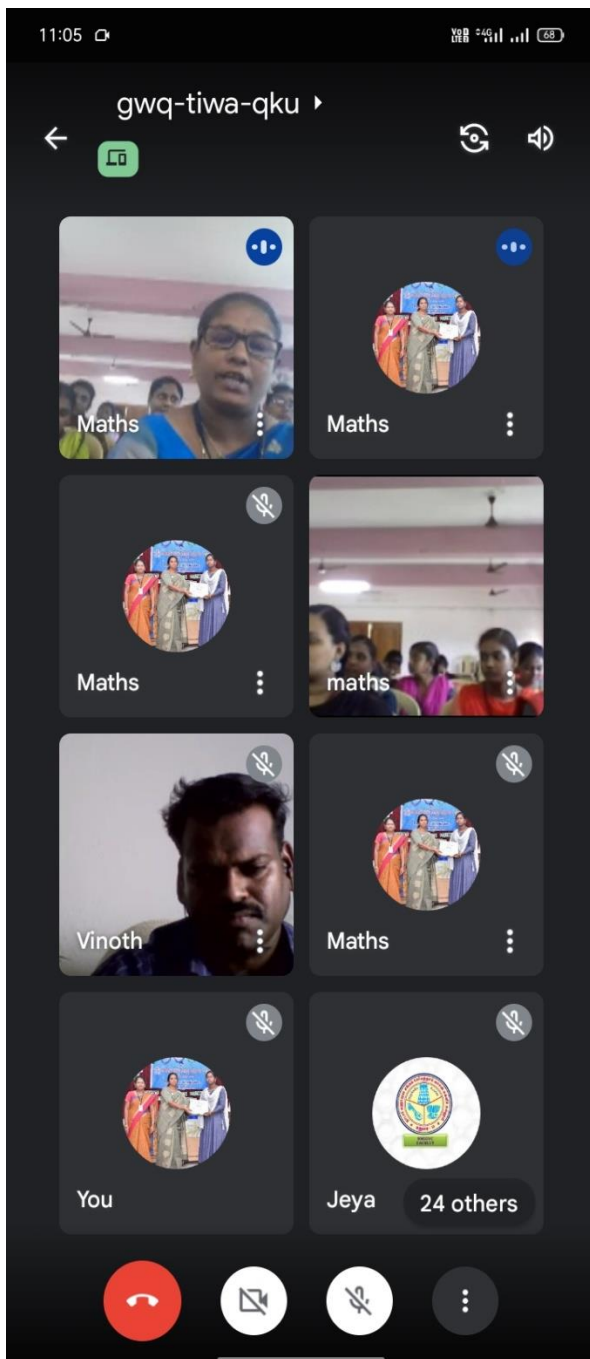
Date: 14.05.2022

- Prayer
- Welcome Address : **Mrs.K. KARPAGAM** M.Sc., M.Phil., D.G.T.,DYMHH., Head
and Assistant Professor,
Department of Mathematics
- Presidential Address : **Dr. G. MARIS KUMAR** MA.,M.Phil.,M.T.M.,Ph.D.,
President
- Felicitation : **Mr.G.KARIKOLRAJ**
Secretary
Mr.M.JEYAKUMAR, B.E
Correspondent
Mr.D.NALLATHAMBI, B.A.B.L
Treasurer
Mrs. D. KARTHIGARANI, M.Sc., M.Phil., Ph.D —
Principal
- Inaugural Address : Dr. B.Vinoth,
Assistant Professor,
Department of Statistics,
Kristu Jayanti College (Autonomous)
Bengaluru.
- Topic : “REGRESSION MODEL WITH OUTLIERS”
- Vote of Thanks : **Miss. S.SATHYA, M.Sc., M.Phil., D.G.T.,**
Assistant Professor in Mathematics





Madurai, Tamil Nadu, India
Unnamed Road, Tamil Nadu 625009, India
Lat 9.862434°
Long 78.133222°
14/05/22 11:15 AM



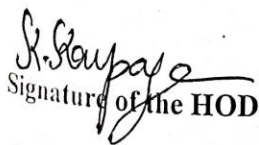
N.M.S.SERMATHAI VASAN COLLEGE FOR WOMEN MADURAI-12

DEPARTMENT OF MATHEMATICS

MATHEMA 2021-2022

REPORT

N. M. S. Sermathai Vasan College for Women, Madurai – Department of Mathematics – MATHEMA was conducted Online National Conference on 14.05.2022 at 11 am through Google Meet app. The Program started with Prayer Song. Mrs.K.Karpagam,M.Sc.,M.Phil., Head and Assistant Professor, Department of Mathematics delivered the Welcome address. Dr. G. Mariskumar, President of our college delivered the presidential address. Our Principal Mrs.D.Karthigarani,M.Sc.,M.Phil.,(Ph.D) felicitated the programme. Our Chief Guest Dr.B.Vinoth, Assistant Professor, Department of Statistics, Kristu Jayanthi College(Autonomous), Bangalore gave a Special Speech on the Topic “Regression Model with Outliers”. He explains about Outlier detection in simple linear regression models and Robust Regression, Also, He demonstrated that how to fit the regression model in data set and how to estimate the Model parameters and Fundamental Predictors. He described the varieties of Residual Analysis such as standardized residuals, Studentised residuals and predicted residuals. Students and Staffs gained more knowledge about regression model through this session. Nearly, 45 participants from various college and 82 participants from our college were actively participated in this National Conference. Finally, Vote of thanks was given by Miss.S.Sathya, M.sc.,M.Phil., Assistant Professor, Department of Mathematics.


Signature of the HOD


Signature of the Principal



NADAR MAHAJANA SANGAM
SERMATHAI VASAN COLLEGE FOR WOMEN



(Accredited with "B" Grade By NAAC)
AVANTYAPURAM, MADURAI-625012

DEPARTMENT OF MATHEMATICS-MATHEMA
CERTIFICATE



This is to certify that Ms S.SATHYA
of N.M.S.SERMATHAI VASAN COLLEGE FOR WOMEN,MADURAI

has participated in online NATIONAL CONFERENCE on "Regression model with outliers" held at Nadar Mahajana Sangam Sermathai vasan college for women, Madurai-12 on 14th May 2022

S. Sathya

Head of the Department

D. Kalyan

Principal

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