



GOVERNMENT DEGREE COLLEGE (MEN)

SRIKAKULAM

(NAAC Accredited with 'B++' Grade (2.90 CGPA))

(Affiliated to Dr. B. R. Ambedkar University, Srikakulam)



DEPARTMENT OF MATHEMATICS

**REPORT ON
INVITED LECTURE
"MEAN VALUE THEOREMS"**

DATE: 08.04.2021.

BY

Sri R. Ravisankar

Lecturer in Mathematics, HOD of Mathematics

V.K.V. GOVERNMENT DEGREE COLLEGE, KOTHAPETA

MODE OF TALK: ONLINE MODE THROUGH GOOGLE MEET.

DATE: 08.04.2021

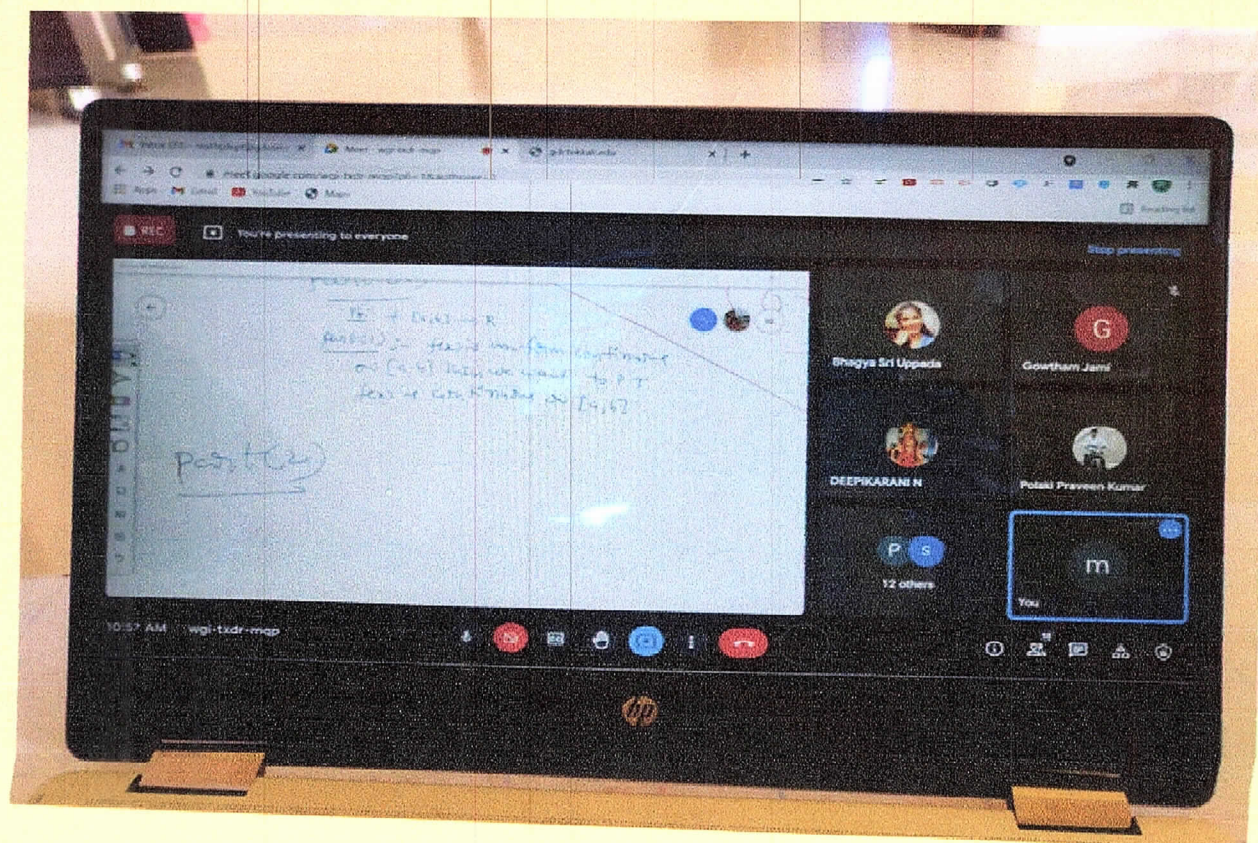
TIME: 11:00 AM to 12:00 PM.

TOPIC: "MEAN VALUE THEOREMS"

VENUE: GOVERNMENT DEGREE COLLEGE FOR MEN.

No. of Students attended = 31

No. of Teaching Staff attended = 02



O/o The Principal,
Govt. Degree College(M),
Srikakulam.

CIRCULAR

Subject: Guest Lecture Notification

Date: 08-04-21

Dear all mathematics Students,

I hope this message finds you well. We are pleased to inform you that we have organized a online Guest Lecture as part of our ongoing commitment to providing you with valuable insights and knowledge beyond the regular curriculum. The details of the event are as follows:

Guest Speaker: R. Ravisankar

Topic: Mean Value Theorems

Date: 08-04-21

Time: 11:00 AM -12:00 PM

Venue: Online mode

We encourage all students to attend this event as it presents a unique opportunity to enhance your understanding of Mean Value Theorems, interact with an expert in the field, and gain valuable insights that can complement your academic learning.

Please mark your calendars and make sure to be on time. Your active participation and engagement during the session will contribute to the overall success of this event.

We look forward to your enthusiastic participation.

Best Regards,

Ch. Vijay kumar

Lecturer in Mathematics

Department of Mathematics

Date : 04-04-21.

Signatures: -

1)  (CH. VIJAY KUMAR)

2)  (L.V. RAMANA)

EVENT ORGANIZED REPORT
(2021 -2022)

| | |
|---|--|
| Name of Department | MATHEMATICS |
| Name of Event Organized | Guest Lecture |
| Title of the Event | Mean value theorems |
| Date of Event Organized | 08-04-2021 |
| Name of the coordinator of the Event | Ch.Vijay kumar |
| Class of the Participant | All Final year B.Sc. Mathematics Students |
| No. of Participant (Student +Staff) | 31 |
| Name of the Expert with designation | R.Ravisankar Lecturer in Mathematics Govt.Degree College,Tekkali |
| Contact number & Address of the Expert | R.Ravisankar Lecturer in Mathematics Govt.Degree College,Tekkali .9010161319 |
| Objective of the Event | <p>The guest lecture contributed to the overall academic culture of the institution by providing a platform for intellectual discourse. It aimed to create an environment where students and faculty could engage with challenging mathematical concepts, thereby contributing to the institution's commitment to scholarly pursuits.</p> <p>In summary, the guest lecture on Mean Value Theorems sought to educate, inspire, and create an interactive learning experience that transcended traditional classroom settings, enriching the academic journey of the participants.</p> |

TOPIC SYNOPSIS

Report on Guest Lecture: Mean Value Theorems

Objective:

The guest lecture on Mean Value Theorems was organized with the objective of providing a comprehensive understanding of these fundamental theorems in calculus. The aim was to enhance the participants' knowledge, demonstrate practical applications, and foster critical thinking across various academic levels.

Program Overview:

The event began with a warm welcome to all attendees, followed by an introduction to the guest speaker, R. Ravisankar, a renowned expert in the field of mathematics. The agenda outlined the key focus areas: Rolle's Theorem, the Mean Value Theorem, and Cauchy's Mean Value Theorem.

Lecture Highlights:

1. Introduction to Mean Value Theorems: Ravisankar initiated the lecture by providing a concise overview of Mean Value Theorems, emphasizing their significance in calculus. The audience gained insights into the foundational role these theorems play in mathematical analysis.

2. Rolle's Theorem:

The speaker delved into Rolle's Theorem, explaining its conditions and implications. Real-world examples were presented to illustrate situations where Rolle's Theorem is applicable, connecting theoretical concepts to practical scenarios.

3. Mean Value Theorem:

The lecture seamlessly transitioned into a detailed discussion on the Mean Value Theorem. R. Ravisankar elucidated the conditions and consequences of this theorem, using visual aids and mathematical derivations to facilitate comprehension.

4. Cauchy's Mean Value Theorem:

The final segment of the lecture focused on Cauchy's Mean Value Theorem, offering a more generalized perspective. The speaker demonstrated how this theorem extends the concepts presented earlier, showcasing its applications in diverse mathematical contexts.

5. Interactive Session:

An engaging Q&A session followed the lecture, enabling participants to seek clarification and engage in meaningful discussions with R. Ravisankar. The interactive nature of the session encouraged a dynamic exchange of ideas and perspectives.

Conclusion:

The guest lecture on Mean Value Theorems proved to be a resounding success. Participants gained a deeper understanding of these theorems, appreciated their practical applications, and actively participated in the learning process. The event succeeded in achieving its objective of promoting critical thinking and academic excellence.

Acknowledgments:

The organizing committee expresses sincere gratitude to R. Ravisankar for their invaluable contribution to the success of the event. Special thanks to all participants and committee members for their active involvement and support.

Future Initiatives:

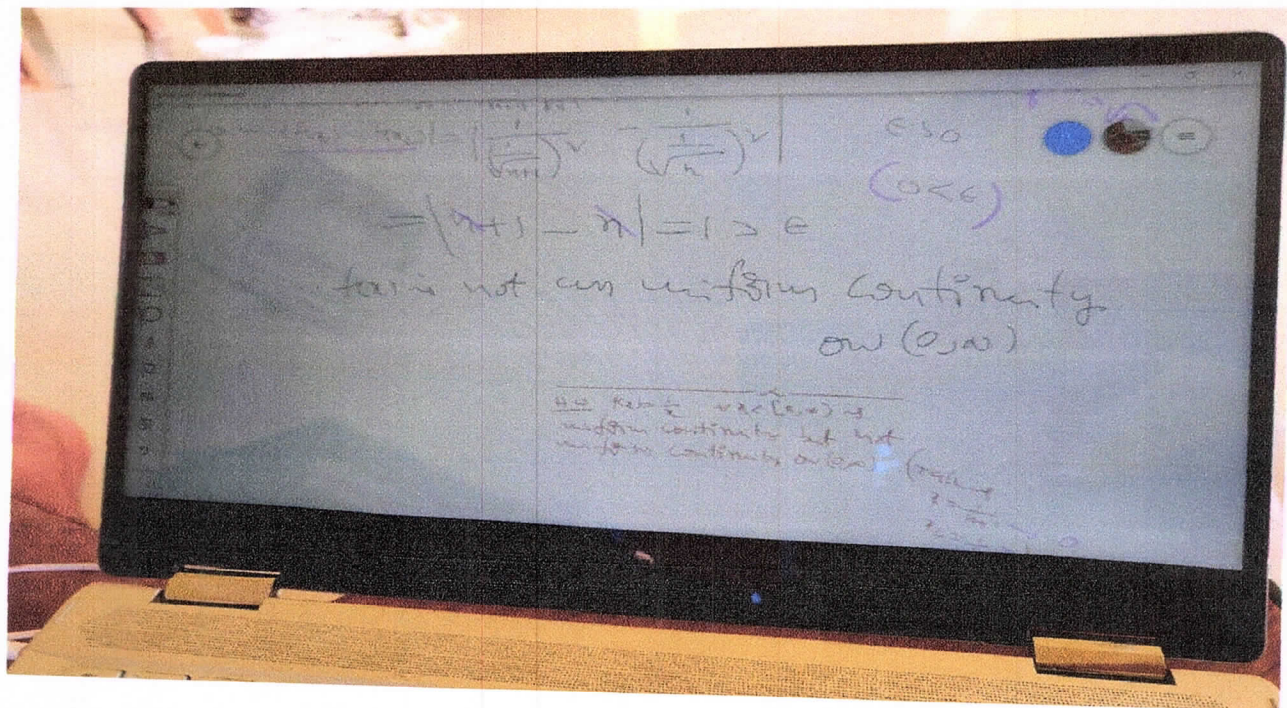
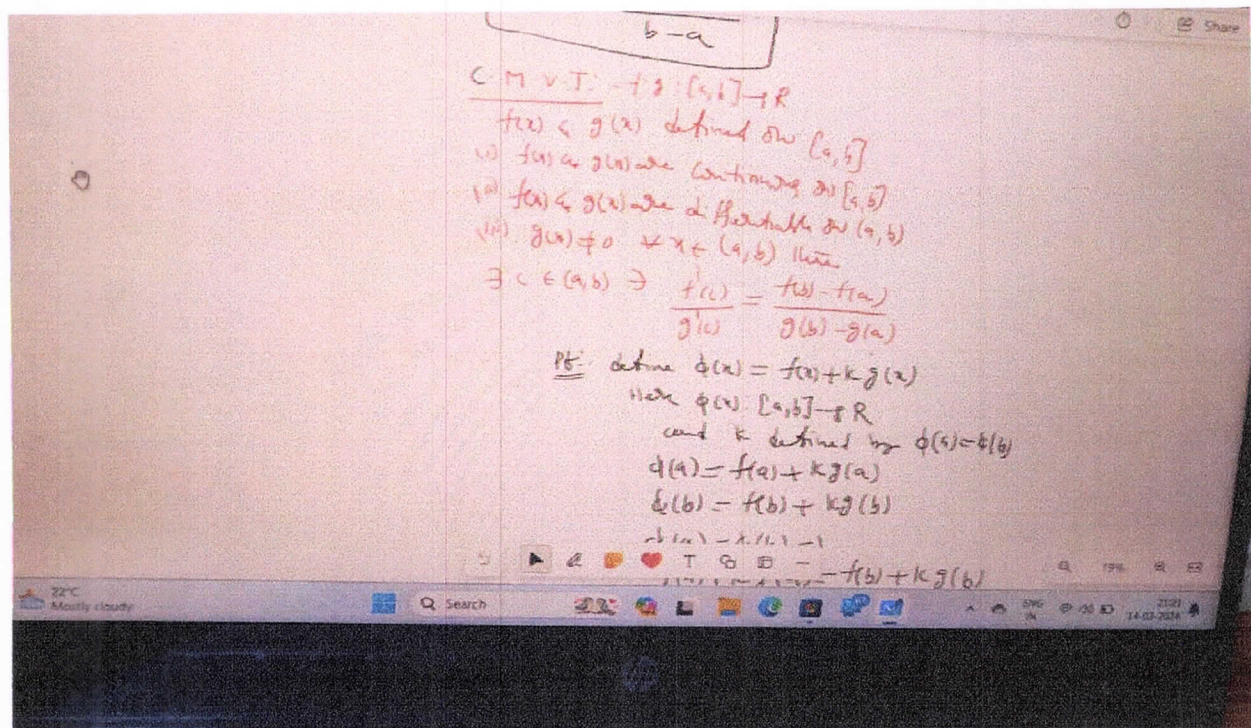
Building on the success of this lecture, [Organizing Committee or Institution Name] looks forward to organizing more such events that promote academic enrichment and foster a culture of intellectual curiosity within the institution.

In conclusion, the guest lecture on Mean Value Theorems was an enriching experience for all attendees, contributing significantly to the academic atmosphere of our institution.

SIGNATURE OF THE STUDENTS

| Sl. No. | Name | Address | Phone No. | Age | Gender | Religion | Marital Status | Education | Occupation | Income | Assets | Liabilities | Net Worth | Remarks |
|---------|----------------------|----------------------------|--------------|-----|--------|----------|----------------|-----------|------------|--------|--------|-------------|-----------|---------|
| 1 | Mr. A. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100001 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |
| 2 | Mr. B. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100002 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |
| 3 | Mr. C. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100003 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |
| 4 | Mr. D. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100004 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |
| 5 | Mr. E. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100005 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |
| 6 | Mr. F. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100006 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |
| 7 | Mr. G. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100007 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |
| 8 | Mr. H. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100008 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |
| 9 | Mr. I. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100009 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |
| 10 | Mr. J. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100010 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |
| 11 | Mr. K. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100011 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |
| 12 | Mr. L. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100012 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |
| 13 | Mr. M. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100013 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |
| 14 | Mr. N. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100014 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |
| 15 | Mr. O. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100015 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |
| 16 | Mr. P. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100016 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |
| 17 | Mr. Q. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100017 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |
| 18 | Mr. R. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100018 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |
| 19 | Mr. S. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100019 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |
| 20 | Mr. T. S. Srinivasan | 10/15, Anna Nagar, Chennai | 212200100020 | 45 | M | Hindu | Married | B.A. | Teacher | 10000 | 100000 | 50000 | 50000 | |

PHOTO GALLERY



Thank you