

Andhra Christian College, Guntur

(Day, Evening & P.G.)

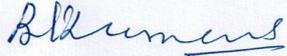
NOTICE

Date: 02-12-2022

All the II B. Sc., Mathematics students are hereby informed to attend a Seminar on the topic "Sequences and Their Boundedness" to be conducted on 03-12-2022. Mr. V. Siva Rosaiah, a distinguished Lecturer in Mathematics from Vignan Degree College, Pedapalalaluru, Guntur will deliver guest lecture.

Venue: Department of Mathematics

Time : 11.15 a.m.


Head 02/12/2022
Dr. B. VIJAYA KUMAR
Department of Mathematics
Department of Mathematics
Andhra Christian College, GUNTUR


Principal
PRINCIPAL
ANDHRA CHRISTIAN COLLEGE
(Day, Evening & P.G.)
GUNTUR

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1. The coordinator, IQAC
2. The Office Manager



Andhra Christian College::Guntur

Department of Mathematics

Seminar on "Sequences and Their Boundedness"

Introduction

The Department of Mathematics, Andhra Christian College, Guntur, organized a seminar on the topic "Sequences and Their Boundedness" on 03-12-2022. The lecture was conducted by Mr. V. Siva Rosaiah, a distinguished Lecturer in Mathematics from Vignan Degree College, Pedapalikaluru, Guntur. The session was specifically arranged for the Mathematics students of II B.Sc.

Objectives of the Lecture

The primary objectives of the seminar were:

1. To introduce the concept of sequences and their importance in Mathematics.
2. To explain the notion of bounded sequences.
3. To illustrate how boundedness is used in various mathematical contexts.
4. To engage students in understanding and analyzing sequences.

Seminar Proceedings

Opening Remarks

The seminar began with a welcome address by the senior faculty member of the department Dr. J. M. Pradeep. The speaker introduced Mr. V. Siva Rosaiah, highlighting his academic achievements and his contributions to the field of Mathematics education.

Mr. V. Siva Rosaiah commenced the lecture by defining sequences and explaining their significance in Mathematics. He discussed various types of sequences and their properties.

Key Points Covered:

- Definition of sequences.
- Examples of different types of sequences.
- Convergence and divergence of sequences.
- Importance of sequences in mathematical analysis.

Later, Mr. Rosaiah introduced the concept of bounded sequences. He explained how a sequence is classified as bounded and provided examples to illustrate this concept.

Key Points Covered:

- Definition of bounded sequences.
- Upper and lower bounds.
- Examples of bounded and unbounded sequences.
- The significance of boundedness in mathematical analysis.

Finally, he focused on the applications of bounded sequences in various areas of Mathematics. Mr. Rosaiah provided real-world examples and problems to demonstrate the practical use of bounded sequences.

Key Points Covered:

- The role of bounded sequences in calculus and analysis.
- Applications in computer science and engineering.
- Real-world problems involving bounded sequences.
- Techniques for analyzing and proving boundedness.

Interactive Session

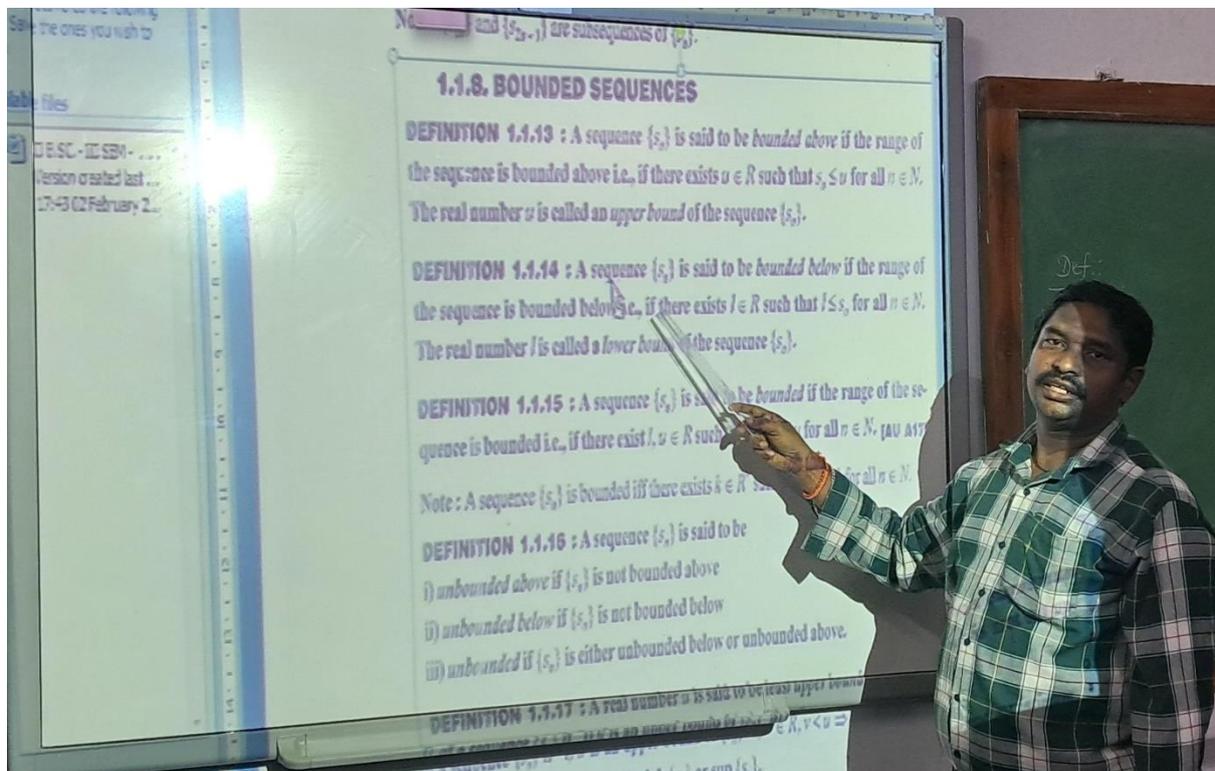
An interactive session followed the main lecture, where students had the opportunity to ask questions and discuss their doubts with Mr. Rosaiah. The session was highly engaging and provided students with deeper insights into the topic.

Conclusion

The seminar concluded with a vote of thanks by the seminar coordinator Dr. B. Vijaya Kumar, Head, Department of Mathematics. The students expressed their appreciation for Mr. V. Siva Rosaiah's informative and well-structured presentation. The lecture was a great success, significantly enhancing the students' understanding of sequences and their boundedness.

Acknowledgements

The Department of Mathematics, Andhra Christian College, Guntur, extends its gratitude to Mr. V. Siva Rosaiah for his valuable contribution to the seminar. Special thanks to the faculty members, and students for their active participation and support.



List of Students

S. No.	Name of the Student	Class & Group	Roll.No	Signature
1	M.RaviTeja	II B. Sc., MPC	603	M. Ravi Teja
2	Sk.Shahina Begum	II B. Sc., MPC	604	Sk. Shahina Begum
3	S.Rani	II B. Sc., MPC	605	S. Rani
4	A.Ravi Teja	II B. Sc., MPC	606	A. Ravi Teja
5	M.Keethi	II B. Sc., MPC	609	M. Keethi
6	D.Yesu Babu	II B. Sc., MPC	610	D. Yesu Babu
7	E.Srikanth	II B. Sc., MPC	611	E. Srikanth
8	J.Haveela	II B. Sc., MPC	612	J. Haveela
9	P.Madhavi	II B. Sc., MPC	613	P. Madhavi
10	K.Sailaja	II B. Sc., MPC	614	K. Sailaja
11	T.Venkata Rao	II B. Sc., MPCComp.	1402	T. Venkata Rao
12	A.Gopi Chand	II B. Sc., MPCComp.	1403	A. Gopi Chand
13	D.Tagore	II B. Sc., MPCComp.	1404	D. Tagore
14	B.Sandhya Rani	II B. Sc., MPCComp.	1405	B. Sandhya Rani
15	R.Pavan Kumar	II B. Sc., MPCComp.	1406	R. Pavan Kumar
16	B.Prabhakar Rao	II B. Sc., MPCComp.	1407	B. Prabhakar Rao
17	Sk.Shabana Parveen	II B. Sc., MPCComp.	1408	Sk. Shabana Parveen
18	M.Prabhu Kiran	II B. Sc., MPCComp.	1409	M. prabhukiran
19	Rafi Baig	II B. Sc., MPCComp.	1410	Rafi Baig
20	B.Priyanka	II B. Sc., MPCComp.	1411	B. Priyanka
21	K.Padmavathi	II B. Sc., MPCComp.	1412	K. Padmavathi