

**TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE  
COLLEGE OF LIFE SCIENCES FOR WOMEN, NIZAMABAD**

**GUEST LECTURES CONDUCTED BY DEPARTMENT OF  
MATHEMATICS**

**Guest Lecture on Strengthening Basic Mathematics Concepts**

The Department of Mathematics organized a guest lecture on 06/03/2021 by **Assistant Professor Vallapshetty Srinivas** from Telangana University, focusing on reinforcing basic mathematics concepts. The lecture aimed to help students revisit key concepts, understand their real-world applications, and strengthen their foundational knowledge. Prof. Srinivas engaged students with practical examples, and the session included an interactive segment for questions and clarifications. The lecture helped students gain clearer conceptual understanding and highlighted the importance of mathematics in everyday life. The event successfully achieved its objectives of strengthening students' mathematical foundation and fostering interactive learning.



**Webinar on Elements of Linear Algebra**

The Mathematics Department organized a successful webinar on "**Elements of Linear Algebra**", on 18/06/2021 featuring **Professor Dr. T. Sengadir** from the Central University of Tamilnadu. The session aimed to provide participants with a comprehensive understanding of key concepts in Linear Algebra, such as vector spaces, matrices, and linear transformations, while also highlighting their practical applications in various fields. Professor

Sengadir's presentation was enriched with examples, making complex ideas more accessible. The webinar also included an interactive Q&A session, allowing participants to engage directly with the speaker, clarify doubts, and delve deeper into the subject. The event helped participants gain valuable insights into the real-world significance of Linear Algebra, while also fostering a dynamic exchange of ideas. It offered networking opportunities with an esteemed academician, opening doors for further academic collaboration and mentorship. Overall, the webinar successfully met its objectives, enhancing participants' understanding of Linear Algebra and its practical applications.



### Guest Lecture on "Numerical Analysis and Its Applications" – 19/02/2022

**Guest Speaker: Ms. B. Sucharitha**, Lecturer in Mathematics, **TSWRDC, Armoor** on **19th February 2022**.

Ms. Sucharitha explained **numerical methods, computational techniques, and real-world applications in science and engineering**. She highlighted the role of numerical analysis in **computer simulations, data analysis, and engineering calculations**, making the session **interactive and insightful**.

Students actively participated, gaining **valuable practical knowledge beyond their curriculum**. The session concluded with a **vote of thanks**, appreciating Ms. Sucharitha's **valuable contributions**.



### **Guest Lecture on "Real Analysis"**

The **Department of Mathematics** at Telangana Tribal Welfare Residential Degree College, Nizamabad, organized a **Guest Lecture on "Real Analysis"** on **20th June 2024**, delivered by **Dr. K. Swetha**. She provided insights into key concepts such as **sequences, series, continuity, and differentiability**, emphasizing their **practical applications**. The session was **interactive and engaging**, encouraging student participation. The event concluded with a **vote of thanks**, and students found the lecture **highly beneficial**. It successfully reinforced the **department's commitment to academic excellence**.

