

## Skill Week 2024

### **Certificate Course: Financial Derivatives and Risk Management**

Organized by: Department of Commerce.

Institution: KL University, Guntur

Venue: Seminar Hall, KL University

#### Objective

The certificate course aims to equip participants with a comprehensive understanding of financial derivatives and their role in managing financial risks. It focuses on practical applications, analytical tools, and techniques used in risk management to prepare participants for dynamic financial markets.

#### Target Audience

Undergraduate and postgraduate students of Commerce, Management, and Finance.

Faculty members interested in financial markets.

Industry professionals and enthusiasts seeking advanced knowledge of derivatives.

#### Course Structure

##### Day 1: Fundamentals of Financial Derivatives

Introduction to derivatives: Forwards, futures, options, and swaps.

Market participants and their roles.

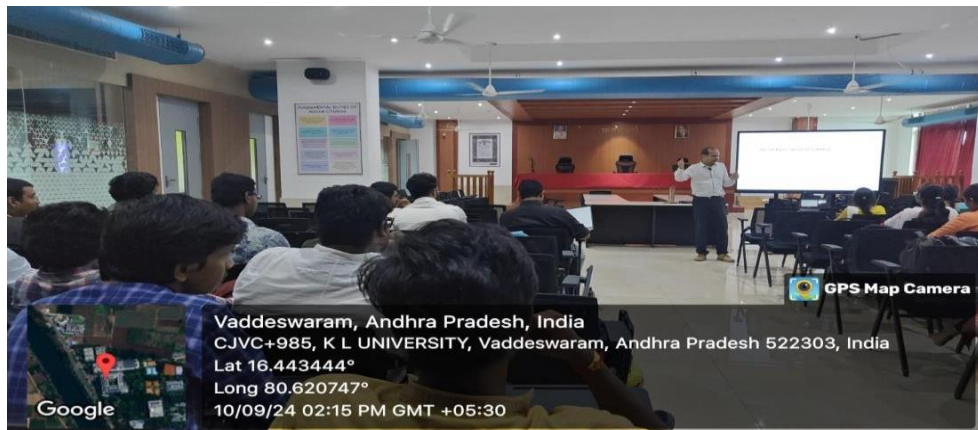
Pricing of forward and futures contracts.

##### Day 2: Options and Strategies

Types of options and option markets.

Option pricing models: Black-Scholes and Binomial models.

Hedging strategies using options.



Day 3: Risk Management with Derivatives Identifying and measuring financial risks.

Using futures and swaps for risk management.

Practical examples and case studies.



Day 4: Advanced Topics in Derivatives

Exotic options and their applications.

Credit derivatives: Credit default swaps.

Regulatory and ethical considerations in derivative trading.

Day 5: Practical Applications and Assessment

Hands-on training using financial software and tools.

Portfolio risk management simulations.

Assessment and feedback session.

## Key Resource Persons

Dr. A. DebadattaDas - Faculty Coordinator

Dr. Sandaboina Shivakumar - Expert in Accounting and Finance



## Certification

Participants will receive a certificate upon successful completion of the course, subject to attendance and passing the assessment.

## Benefits to Participants

Gain in-depth knowledge of financial derivatives and their applications.

Develop skills to identify, measure, and manage financial risks effectively.

Enhance employability and career prospects in the financial and banking sectors.

Network with peers, faculty, and industry experts.

