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CERTIFICATE COURSE SYLLABUS
"CCSTASRL22: Statistics in Real Life"

Course Code	Theory	Practical	Marks			
			Final Exam		Internal	Total
			Theory	Practical		
CCSTASRL22	40Hrs		40		10	50

Continuous Internal Assessment

Component	Weightage	Marks	Remark
Assignment	50%	5	A student has to submit one assignment
Test Paper	50%	5	A student has to appear for at least one written test
Total	100%	10	

A student has to secure 40% marks to pass each theory and practical

COURSE OUTCOMES

CO1	Familiarization with Normal Distribution (ND)
CO2	Learn the importance of ND in statistical analysis
CO3	Learn to use standard ND in solving problems
CO4	Learn the application of ND through central limit theorem (CLT)

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Module 1 - ND : pdf, features, properties, curve, statistical inference, ND in point estimation, interval estimation and testing of hypotheses.

(20 Hours)

Module 2 – Standard ND : pdf, properties, curve and table to solve problems, CLT, application of CLT and ND.

(20 Hours)

References

1. 'Mathematical Statistics' , V K Kapoor
2. 'Mathematical Statistics ', S C Guptha
3. 'Standard Continues Distributions', Johnson and Kotz