

**Dantuluri Narayana Raju College (Autonomous) Bhimavaram,
(A College with Potential for Excellence)**

DEPARTMENT OF STATISTICS

Course Outcome

| S. No. | Semester | Course Code | Course | Course Outcome |
|--------|----------|-------------|---|--|
| 1 | I | 2117-1A | Descriptive Statistics and Probability | The content of Course Descriptive Statistics & Probability is so designed to provide basic understanding to subject of Statistics which will provide fundamentals useful to face data interpretation techniques and Probability measurement of likely happening or non-happening of any interested events. |
| 2 | II | 2117-1B | Mathematical Expectation and Probability Distribution | Mathematical Expectation & Probability distributions include advanced tools and techniques of Probability which will be useful to students not only pursuing Master Programme in Statistics , but also useful to students wish to pursue Computer Sciences. |
| 3 | III | 2217-2A | Statistical Methods | The course Statistical methods is so designed to equip the students with important and more useful statistical tools, which will be useful to understand the relationship between two or among several variables and to estimate the relationship between/among those variables. In business domain as well in industry field we found the need of such statistical tools. |
| 4 | IV | 2217-2B | Statistical Inference | The contents of Statistical inference course include wide range of testing procedures such as large, small and non-parametric tests suitable to business/ industry/ decision making sciences/ and research. |
| 5 | V | 2317-3A | Sampling Techniques and Designs of Experiments | The course namely sampling techniques and design of experiments as well as advanced experimental design were so designed to provide skill set to students in the field of sampling techniques and experimental designs which will find wide range of applications in agricultural sciences and pharmaceutical apart from business applications |
| | | 2317-4A | Quality and Reliability | The course quality and reliability is yet other resource course found popular application in the business domain and industry cycles. |
| | VI | 2417-3B | Applied Statistics | Applied statistics course is so designed to cater to the needs of various sciences as well as social sciences including managerial decision-making applications. |
| | | 2417-4B | Demography and Vital Statistics | The syllabus of Demography and vital statistics is designed to cater to the needs of the candidates those who wish to settle in the field of population research |

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| 6 | 2417-5B | Advanced Experimental Designs | Advanced experimental designs which will find wide range of applications in agricultural sciences and pharmaceutical apart from business applications |
| | 2417-6B | Project Work | Project is included in the programme so as to train and equip the students with techniques of Project study / field study duly making use of various courses which they underwent during the Graduation Programme |