Shri Agrasen Kanya Post Graduate College
Bulanala/Parmanandpur Varanasi

Department of Statistics (UG)

Course Outcome:-

Course code: B060101T

Students will have knowledge of statistics, it's scope and importance in various fields and ability to apply basic probability principles to solve real life problems.

Course code B060102P:

Students will have skills to represent/sumarrise the data/information using appropriate graphical methods including common graphical tools.

Course code B060201T:

Students will have knowledge of the concept of least square methods, correlation, regression, rank correlation and ability to identify the application of theory of order statistics in real life problems.

Course code B060202P:

Students will have analytical skills to deal with the problems based on fitting of curve by method of least square and fitting of binomial and poisson distribution for given data.

Course code Bo60301T:

Students will have concepts of sampling distributions and ability to identify the situations where the various sampling techniques may 302P30be used.

Course code B060302P:

Students will have analytical approach of application of various sampling techniques to real life situations.

Course code B060401T:

Students will have knowledge of hypotheses, level of significance. Students will be familiar with different aspects of applied statistics and their use in real life problems.

Course code B060402P:

Students will have analytical skills to conduct t test,,chi square test, z test and ability to deal with problems based on vital events and life table.

Course code B060501T:

Students will have knowledge of the application of multivariate normal distribution and distribution free tests.

Course code B060502T:

Students will have knowledge of analysis of Variance and principles of design of experiments.

Course code B060503P:

Students will have skills to conduct test of significance based on non Parametric tests and ability to deal with multivariate data.

Course code B060601T:

Students will have

 Knowledge of SPSS and R programming.

Course code B060602T:

Students will have an idea of backgrounds and needs of operation research and ability of solving Linear Programming Problems, Transportation problems, Assessment problems,

Replacement problems and Game Theory.

Course code B060603P:

Students will develop skill of mathematical formulation of LPP,ability to use R programming and performing statistical analysis by using SPSS software.

Course code SKD22001:

Students will have knowledge of concept of primary and secondary dating,importance of statistics, it's scope and limitations. Students will develop skill of suing sampling techniques in various fields and application of measures of central tendencies.