

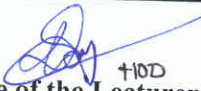
**SIR C R REDDY COLLEGE FOR WOMEN, ELURU**


**Annual Curricular Plan for the Academic Year 2022 - 2023**

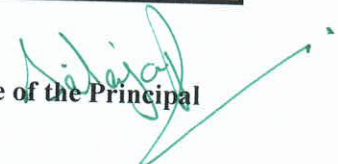
|   |   |                 |             |   |                          |                     |   |
|---|---|-----------------|-------------|---|--------------------------|---------------------|---|
| <b>Name of the Lecturer :</b>                   | T.N.D RAMYA                               |                 |             |   |                          |                     |   |
| <b>Name of the Department:</b>                  | STATISTICS                                |                 |             |   |                          |                     |   |
| <b>Program</b>                                  | B.sc                                      |                 |             |   | <b>Group:</b>            | B.sc                |   |
| <b>Title of the Course:</b>                     | PROBABILITY AND PROBABILITY DISTRIBUTIONS |                 |             |   | <b>Hrs allotted:</b>     | 4+2                 |   |
| <b>Year</b>                                     | 2022-2023                                 | <b>Semester</b> | II SEM      |   |                          | <b>Course Code:</b> | 2 |
| <b>Section</b>                                  | I MSCS                                    |                 |             |   | <b>Hours/Week</b>        | 6                   |   |
| <b>Unit No. &amp; Name</b>                      | <b>Hour</b>                               | <b>Day</b>      | <b>Date</b> | <b>Topic to be Covered</b>  | <b>Methodoly adopted</b> | <b>Remarks</b>      |   |
| <b>UNIT-I<br/>INTRUCTION<br/>TO PROBABILITY</b> | 1   | FRI             | 06-02-2023  | Basic concets of probability, rabdom experiments, trail, outcome, sample space, event | P1                       |                     |   |
|   | 2   | SAT             | 06-03-2023  | Mutually exclusive, Exhaustive events, equally likely and favourable outcomes         | P1                       |                     |   |
|   | 3   | MON             | 06-05-2023  | Mathematical, Statistical, Axiomatic definition of probability.                       | P1                       |                     |   |
|   | 4   | TUE             | 06-06-2023  | Conditional probability and independence of events                                    | P1                       |                     |   |
|   | 5   | WED             | 06-07-2023  | (Practical) Addition theorem of probability for 2 & n events                          | P1,P4                    |                     |   |
|   | 6   | WED             | 06-07-2023  | (practical) Multipication theorem of probability for 2 & n events                     | P1                       |                     |   |
|   | 7   | FRI             | 06-09-2023  | Boole's inequality theorem  | P1                       |                     |   |
|   | 8   | MON             | 06-12-2023  | Bay's theorem and it's applications in real life                                      | P1,P3                    |                     |   |
| <b>UNIT-II RANDOM<br/>VARIABLE</b>              | 9   | TUE             | 13-06-2023  | Definition of random variable, discrete and continous random variables                | P1,P4                    |                     |   |
|   | 10  | WED             | 14-06-2023  | (Practical) Function of random variables: PMF, PDF                                    | P2                       |                     |   |
|   | 11  | WED             | 14-06-2023  | (Practical) Distribution function and it's properties                                 | P1,P2                    |                     |   |
|   | 12  | FRI             | 16-06-2023  | For given PMF, PDF calculation of moments   | P3                       |                     |   |
|   | 13  | SAT             | 17-06-2023  | PMF, PDF calication of coefficient of skewness and kurtosis                           | P1,P3                    |                     |   |
|   | 14  | MON             | 19-06-2023  | Bivariate random variable- meaning, joint, marginal and conditional Distributions     | P1                       |                     |   |
|   | 15  | TUE             | 20-06-2023  | Independence of random variable and simple problems                                   | P1                       |                     |   |

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| <b>UNIT-III<br/>MATHEMATICAL<br/>EXPECTATION</b> | 16 | WED | 21-06-2023 | (Practical) Mathematical expectation of a random variable and function of a variable | <b>P1,P2</b> |  |
|  | 17 | WED | 21-06-2023 | (Practical) Moments and Co-variance using mathematical expectation with examples     | <b>P1,P2</b> |  |
|  | 18 | FRI | 23-06-2023 | Addition and Multiplication theorems on expectations                                 | <b>P1,P3</b> |  |
|  | 19 | SAT | 24-06-2023 | Definition of MGF and their properties   | <b>P1</b>    |  |
|  | 20 | MON | 26-06-2023 | Definition of CF and their properties  | <b>P1</b>    |  |
|  | 21 | TUE | 27-06-2023 | Definition of CGF and their properties   | <b>P1</b>    |  |
|  | 22 | WED | 28-06-2023 | (Practical) Definition of PGF and their properties                                   | <b>P1,P2</b> |  |
|  | 23 | WED | 28-06-2023 | (Practical) Chebyshev & Cauchy-Schwartz inequalities                                 | <b>P1,P2</b> |  |
| <b>UNIT-IV DISCRETE<br/>DISTRIBUTIONS</b>        | 24 | FRI | 30-06-2023 | Binomial Distribution: Definition , mean, variance                                   | <b>P1</b>    |  |
|  | 25 | SAT | 07-01-2023 | Binomial Distribution: MGF,CGF,PGF,CF  | <b>P1</b>    |  |
|  | 26 | MON | 07-03-2023 | Binomial Distribution- Recurrence relation method                                    | <b>P1</b>    |  |
|  | 27 | TUE | 07-04-2023 | Poisson Distribution: Definition , mean, variance                                    | <b>P1</b>    |  |
|  | 28 | WED | 07-05-2023 | (Practical-1) Fitting of Binomial Distribution                                       | <b>P1,P2</b> |  |
|  | 29 | WED | 07-05-2023 | (Practical-2) Fitting of Binomial Distribution- Recurrence relation method           | <b>P1,P2</b> |  |
|  | 30 | FRI | 07-07-2023 | Poisson Distribution: MGF,CGF,PGF,CF   | <b>P1,P4</b> |  |
|  | 31 | MON | 07-10-2023 | Recurrence relation method for Poisson Distribution                                  | <b>P1,P4</b> |  |
|  | 32 | TUE | 07-11-2023 | Negative Binomial Distribution: Definition , mean, variance                          | <b>P1</b>    |  |
|  | 33 | WED | 07-12-2023 | (Practical-3) Fitting of Poisson Distribution  | <b>P1,P2</b> |  |
|  | 34 | WED | 07-12-2023 | (Practical-4) Fitting of Poisson Distribution- Recurrence relation method            | <b>P1,P2</b> |  |
|  | 35 | FRI | 14-07-2023 | Negative Binomial Distribution: MGF,CGF,PGF,CF                                       | <b>P1,P3</b> |  |
|  | 36 | SAT | 15-07-2023 | Geometric Distribution: Definition , mean, variance                                  | <b>P1,P3</b> |  |
|  | 37 | MON | 17-07-2023 | Geometric Distribution: MGF,CGF,PGF,CF   | <b>P1,P3</b> |  |
|  | 38 | TUE | 18-07-2023 | Poisson approximation to Binomial Distribution.                                      | <b>P1,P5</b> |  |

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|--|-----|------------|--|---|-------|--|
| <b>UNIT-V<br/>CONTINUOUS<br/>DISTRIBUTIONS</b> | 39  | WED        | 19-07-2023                               | (Practical-5) Fitting of Negative Binomial Distribution   | P1,P2 |  |
|  | 40  | WED        | 19-07-2023                               | (Practical-6) Geometric Distribution                      | P1,P2 |  |
|  | 41  | FRI        | 21-07-2023                               | Hyper-Geometric Distribution: Definition , mean, variance | P1    |  |
|  | 42  | SAT        | 22-07-2023                               | Hyper-Geometric Distribution: MGF,CGF,PGF,CF              | P1    |  |
|  | 43  | MON        | 24-07-2023                               | Definition: Rectangular Distribution and it's properties  | P1    |  |
|  | 44  | TUE        | 25-07-2023                               | Gamma Distribution: Gama Distribution 1st kind            | P1    |  |
|  | 45  | WED        | 26-07-2023                               | (Practical) Eponential Distribution                       | P1,P4 |  |
|  | 46  | WED        | 26-07-2023                               | (Practical)Eponential Distribution : MGF,CGF,CF           | P1,P2 |  |
|  | 47  | FRI        | 28-07-2023                               | Gamma Distribution: Gama Distribution 1st kind:MGF,CGF,CF | P1    |  |
|  | 48  | MON        | 31-07-2023                               | Gamma Distribution: Gama Distribution 2nd kind            | P1    |  |
|  | 49  | TUE        | 08-01-2023                               | Gamma Distribution: Gama Distribution 2nd kind:MGF,CGF,CF | P1    |  |
|  | 50  | WED        | 08-02-2023                               | (Practical)Beta Distribution 1st kind                     | P1,P2 |  |
|  | 51  | WED        | 08-02-2023                               | (Practical-7) Fitting of Exponential Distribution.        | P1,P2 |  |
|  | 52  | FRI        | 08-04-2023                               | Beta Distribution 1st kind:MGF,CGF,CF                     | P1    |  |
|  | 53  | SAT        | 08-05-2023                               | Beta Distribution 2nd kind                                | P1    |  |
|  | 54  | MON        | 08-07-2023                               | Beta Distribution 2nd kind:MGF,CGF,CF                     | P1    |  |
|  | 55  | TUE        | 08-08-2023                               | Normal Distribution: Definition : MGF,CGF,CF              | P1    |  |
|  | 56  | WED        | 08-09-2023                               | (Practical-8) Normal Distribution Areas method            | P1,P2 |  |
|  | 57  | WED        | 08-09-2023                               | (Practical-9) Normal Distribution Ordinates               | P1,P2 |  |
|  | 58  | FRI        | 08-11-2023                               | Poperties of Normal Distribution                          | P1    |  |
| 59   | SAT | 08-12-2023 | Importance of Normal Distribution        | P1,P3   |       |  |
| 60   | MON | 14-08-2023 | Additive Property of Normal Distribution | P1  |       |  |

  
Signature of the Lecturer

  
Signature of the Lecturer

  
Signature of the Principal

# SIR C R REDDY COLLEGE FOR WOMEN, ELURU

## Annual Curricular Plan for the Academic Year 2022 - 2023

| <b>Name of the Lecturer :</b>                    | V. Prasanna                                   |                 |            |  |                      |                     |   |
|--|---|-----------------|------------|--|----------------------|---------------------|---|
| <b>Name of the Department:</b>                   | Statistics                                    |                 |            |  |                      |                     |   |
| <b>Program</b>                                   | B.Sc  |                 |            |  | <b>Group:</b>        | B.Sc                |   |
| <b>Title of the Course:</b>                      | SAMPLING TECHNIQUES AND DESIGN OF EXPERIMENTS |                 |            |  | <b>Hrs allotted:</b> | 4+2                 |   |
| <b>Year</b>                                      | II  | <b>Semester</b> | IV         |  |                      | <b>Course Code:</b> | 4 |
| <b>Section</b>                                   | II MSCS-1                                     |                 |            |  | <b>Hours/Week</b>    | 6                   |   |
| Unit No. & Name                                  | Hour  | Day             | Date       | Topic to be Covered  | Methodology adopted  | Remarks             |   |
| <b>UNIT:1<br/>SIMPLE<br/>RANDOM<br/>SAMPLING</b> | 1   | MON             | 27-03-2023 | SRS with and with out replacement, Notations and Terminology | P1                   |                     |   |
|  | 2   | TUES            | 28-03-2023 | Various probabilities of selection Random number tables      | P1                   |                     |   |
|  | 3   | WED             | 29-03-2023 | PRACTICAL-1(SRS WITH REPLACEMENT)                            | P1                   |                     |   |
|  | 4   | WED             | 29-03-2023 | PRACTICAL-1(SRS WITH REPLACEMENT)                            | P1                   |                     |   |
|  | 5   | FRI             | 31-03-2023 | Method of selection of Simple Random Sampling                | P1,P4                |                     |   |
|  | 6   | SAT             | 04-01-2023 | Random number tables and its uses                            | P1                   |                     |   |
|  | 7   | MON             | 04-03-2023 | Estimates the population total                               | P1                   |                     |   |
|  | 8   | TUES            | 04-04-2023 | Estimates the population mean and their variances            | P1                   |                     |   |
|  | 9   | MON             | 04-10-2023 | Estimates the standard error                                 | P1                   |                     |   |
|  | 10  | TUES            | 04-11-2023 | Determination of sample size, SRS of attributes              | P1                   |                     |   |

|  |    |      |            |  |       |  |
|--|----|------|------------|--|-------|--|
| <b>UNIT:2<br/>STRATIFIED<br/>RANDOM<br/>SAMPLING &amp;<br/>SYSTEMATIC<br/>SAMPLING</b> | 11 | WED  | 04-12-2023 | (PRACTICAL) STRS Def, Advanages & Dis advantages                                       | P1,P2 |  |
|  | 12 | WED  | 04-12-2023 | (PRACTICAL) Estimation of population mean and variance                                 | P1,P2 |  |
|  | 13 | SAT  | 15-04-2023 | STRS with propotional and optimum allocation   | P1    |  |
|  | 14 | MON  | 17-04-2023 | Comparision between Proportinal & Optimum allocation with SRSWOR                       | P1,P3 |  |
|  | 15 | TUES | 18-04-2023 | Systematic sampling def, merits and demerits   | P1    |  |
|  | 16 | WED  | 19-04-2023 | PRACTICAL-2(STRS WITH POR&OPT ALLOCATIONS. COMPARISION BETWEEN PRO OPT ALLOCAIONS WITH | P1,P2 |  |
|  | 17 | WED  | 19-04-2023 | PRACTICAL-2(STRS WITH POR&OPT ALLOCATIONS. COMPARISION BETWEEN PRO OPT ALLOCAIONS WITH | P1,P2 |  |
|  | 18 | FRI  | 21-04-2023 | Estimation of mean   | P1    |  |
|  | 19 | MON  | 24-04-2023 | Estimation of variance   | P1    |  |
|  | 20 | TUES | 25-04-2023 | comparision of SYS with STRS and SRSWOR  | P1    |  |
|  | 21 | WED  | 26/4/2023  | PRACTICAL-3 (COMPARISION OF SYS WITH STRS AND SRSWOR)                                  | P1,P2 |  |
| <b>UNIT:3<br/>ANALYSIS OF<br/>VARIANCE &amp;<br/>DESIGN OF<br/>EXPERIMENTS</b>         | 22 | WED  | 26-04-2023 | PRACTICAL-3 (COMPARISION OF SYS WITH STRS AND SRSWOR)                                  | P1,P2 |  |
|  | 23 | FRI  | 28-04-2023 | ANOVA def and its assumptions  | P1,P4 |  |
|  | 24 | SAT  | 29-04-2023 | ANOVA one way with equal and unequal classifications                                   | P1    |  |
|  | 25 | MON  | 05-01-2023 | ANOVA two way clasiffication   | P1    |  |
|  | 26 | TUES | 05-02-2023 | Design Of Experiment Def, Principles of experimental design                            | P1,P3 |  |
|  | 27 | WED  | 05-03-2023 | PRACTICAL-4 (ANOVA ONE WAY CLASSIFICATION WITH EQUAL AND UNEQUAL NO.OF OBSERVATIONS)   | P1,P2 |  |
|  | 28 | WED  | 05-03-2023 | PRACTICAL-4 (ANOVA ONE WAY CLASSIFICATION WITH EQUAL AND UNEQUAL NO.OF OBSERVATIONS) ) | P1,P2 |  |
|  | 29 | FRI  | 05-05-2023 | C.R.D , Layout,Advantages & Disadvantages of C.R.D                                     | P1,P4 |  |
|  | 30 | SAT  | 05-06-2023 | Statistical analysis of C.R.D  | P1,P3 |  |

|   |    |      |            |  |        |  |
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| <b>UNIT-4<br/>RANDOMISED<br/>BLOCK<br/>DESIGN &amp;<br/>LATIN<br/>SQUARE<br/>DESIGN</b> | 31 | MON  | 05-08-2023 | Missing plot technique of C.R.D  | P1,P10 |  |
|   | 32 | TUES | 05-09-2023 | Layout, Advantages & Disadvantages of R.B.D                                | P1     |  |
|   | 33 | WED  | 05-10-2023 | PRACTICAL-5 (ANOVA TWO WAY CLASSIFICATION WITH EQUAL NO.OF OBSERVATIONS) ) | P1,P2  |  |
|   | 34 | WED  | 05-10-2023 | PRACTICAL-6 (ANALYSIS OF C.R.D)  | P1,P2  |  |
|   | 35 | FRI  | 06-02-2023 | Statistical analysis of R.B.D  | P1,P3  |  |
|   | 36 | SAT  | 06-03-2023 | Missing plot technique of R.B.D  | P1     |  |
|   | 37 | MON  | 06-05-2023 | Layout, Advantages & Disadvantages of L.S.D                                | P1,P4  |  |
|   | 38 | TUES | 06-06-2023 | Statistical analysis of L.S.D  | P1     |  |
|   | 39 | WED  | 06-07-2023 | PRACTICAL-6 (C.R.D WITH SINGLE MISSING OBSERVATION)                        | P1,P2  |  |
|   | 40 | WED  | 06-07-2023 | PRACTICAL-7 (ANALYSIS OF R.B.D)  | P1,P2  |  |
|   | 41 | FRI  | 06-09-2023 | Missing plot technique of L.S.D  | P1     |  |
|   | 42 | MON  | 06-12-2023 | Efficiency of L.S.D over C.R.D and R.B.D                                   | P1     |  |
|   | 43 | TUES | 13-06-2023 | SOLVED PROBLEMS  | P1     |  |
|   | 44 | WED  | 14-06-2023 | PRACTICAL-7 (R.B.D WITH SINGLE MISSING OBSERVATION)                        | P1,P2  |  |
|   | 45 | WED  | 14-06-2023 | PRACTICAL-8 (EFFICIENCY OF C.R.D WITH R.B.D)                               | P1,P2  |  |

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|---|----|------|------------|--|-------|--|
| <b>UNIT-5<br/>FACTORIAL<br/>EXPERIMENTS</b> | 46 | FRI  | 16-06-2023 | Factorial Experiment Intoduction, Def                          | P1,P3 |  |
|   | 47 | SAT  | 17-06-2023 | 2- Square Factorial Experiment                                 | P1    |  |
|   | 48 | MON  | 19-06-2023 | Main Effects of 2-Square Experiments                           | P1    |  |
|   | 49 | TUES | 20-06-2023 | Discussion On Orthogonal Contrasts                             | P1    |  |
|   | 50 | WED  | 21-06-2023 | PRACTICAL-9 (ANALYSIS OF L.S.D)                                | P1,P2 |  |
|   | 51 | WED  | 21-06-2023 | PRACTICAL-9 (L.S.D WITH SINGLE MISSING OBSERVATION)            | P1,P2 |  |
|   | 52 | FRI  | 23-06-2023 | Statistical analysis of 2-suare factorial experiment           | P1    |  |
|   | 53 | SAT  | 24-06-2023 | ANOVA table for 2-square Experiment in R.B.D with r replicates | P1,P4 |  |
|   | 54 | MON  | 26-06-2023 | 2- Cube Factorial Experiment                                   | P1    |  |
|   | 55 | TUES | 27-06-2023 | Main Effects of 2-cube Factorial Experiments                   | P1,P3 |  |
|   | 56 | WED  | 28-06-2023 | PRACTICAL-10 (EFFICIENCY OF L.S.D OVER C.R.D AND R.B.D)        | P1,P2 |  |
|   | 57 | WED  | 28-06-2023 | PRACTICAL-10 (EFFICIENCY OF L.S.D OVER C.R.D AND R.B.D)        | P1,P2 |  |
|   | 58 | FRI  | 30-06-2023 | Interaction effects of 2-Cube Factorial Experiments            | P1,P2 |  |
|   | 59 | SAT  | 07-01-2023 | Statistical analysis of 2-cube Factorial experiment            | P1,P3 |  |
|   | 60 | MON  | 07-03-2023 | ANOVA table for 2-cube Experiment in R.B.D with r replicates   | P1    |  |
|   | 60 | TUES | 07-04-2023 | Yate's procedure to find factorial effects or effect totals    | P1,P3 |  |

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Signature of the Lecturer

Signature of the Principal

**SIR C R REDDY COLLEGE FOR WOMEN, ELURU**  
**Annual Curricular Plan for the Academic Year 2022 - 2023**

|                         |                    |          |    |               |            |   |
|-------------------------|--------------------|----------|----|---------------|------------|---|
| Name of the Lecturer :  | R.L.SYAMALA        |          |    |               |            |   |
| Name of the Department: | STATISTICS         |          |    | Group:        | B.Sc       |   |
| Program                 | B.Sc               |          |    | Hrs allotted: | 4+2        |   |
| Title of the Course:    | APPLIED STATISTICS |          |    | Course Code:  | 5          |   |
| Year                    | 2022-2023          | Semester | IV |               | Hours/Week | 6 |
| Section                 | II MSCS-1          |          |    |               |            |   |

| Unit No. & Name    | Hour | Day | Date       | Topic to be Covered   | Methodology adopted | Remarks |
|--------------------|------|-----|------------|---|---------------------|---------|
| <b>TIME SERIES</b> | 1    | MON | 27-03-2023 | Intruduction of time series&Definition  | P1                  |         |
|                    | 2    | MON | 27-03-2023 | Components of time series   | P1,P4               |         |
|                    | 3    | WED | 29-03-2023 | Illustrations of time series  | P1,P3               |         |
|                    | 4    | FRI | 31-03-2023 | Additive models.  | P1,P10              |         |
|                    | 5    | SAT | 04-01-2023 | Multiplicative and mixed models.  | P1                  |         |
|                    | 6    | MON | 04-03-2023 | Estimation of trend by free hand curve method                                   | P1,P10              |         |
|                    | 7    | MON | 04-03-2023 | Method of semi averages   | P1,P2               |         |
|                    | 8    | THU | 04-06-2023 | Determination of trend by least squares   | P1,P2               |         |
|                    | 9    | MON | 04-10-2023 | Practical-1 Mesurement of trend by method of moving averages(odd & even period) | P1                  |         |
|                    | 10   | MON | 04-10-2023 | (practical) Linear trend with problems  | P1                  |         |
|                    | 11   | WED | 04-12-2023 | Parabolic trend   | P1,P3               |         |
|                    | 12   | THU | 13-04-2023 | Parabolic trend with problems   | P1,P3               |         |
|                    | 13   | SAT | 15-04-2023 | Moving average method   | P1,P2               |         |
|                    | 14   | MON | 17-04-2023 | Practical-2 mesurement of trend by method of least square (linear & parabola)   | P1,P2               |         |
|                    | 15   | MON | 17-04-2023 | (practical) Solved Problems   |                     |         |



|                            |                      |     |            |   |                            |    |
|----------------------------|----------------------|-----|------------|---|----------------------------|----|
| <b>SEASONAL COMPONENTS</b> | 16                   | WED | 19-04-2023 | Determination of seasonal indices by simple averages method                         | P1                         |    |
|                            | 17                   | THU | 20-04-2023 | Ratio to Moving Averages  | P1                         |    |
|                            | 18                   | FRI | 21-04-2023 | solved problems.  | P1                         |    |
|                            | 19                   | MON | 24-04-2023 | Practical-3 Determination of seasonal indices by method of simple averages.         | P1,P2                      |    |
|                            | 20                   | MON | 24-04-2023 | Practical-4 Determination of seasonal indices by method of Ratio to Moving averages | P1,P2                      |    |
|                            | 21                   | WED | 26-04-2023 | Ratio to trend method   | P1,P4                      |    |
|                            | 22                   | THU | 27-04-2023 | Ratio to trend method problems  | P1,P2                      |    |
|                            | 23                   | FRI | 28-04-2023 | Link Relatives Method   | P1,P2                      |    |
|                            | 24                   | SAT | 29-04-2023 | Solved problems on link relative method   | P1,P2                      |    |
|                            | 25                   | MON | 05-01-2023 | Practical-5 Determination of seasonal indices by method of Ratio to trend           | P1,P2                      |    |
|                            | 26                   | MON | 05-01-2023 | Practical-6 Determination of seasonal indices by method of Ratio to link relatives  | P1,P2                      |    |
|                            | 27                   | WED | 05-03-2023 | Depersonalization   | P1                         |    |
|                            | 28                   | THU | 05-04-2023 | Solved problems   | P1                         |    |
|                            | <b>GROWTH CURVES</b> | 29  | FRI        | 05-05-2023  | Modified Exponential curve | P1 |
| 30                         |                      | SAT | 05-06-2023 | Logistic curve & Grompertz curve  | P1                         |    |
| 31                         |                      | MON | 05-08-2023 | (Practical)Three selected points & partial sums                                     | P1,P2                      |    |
| 32                         |                      | MON | 05-08-2023 | (Practical)Partial sums   | P1,P2                      |    |
| 33                         |                      | WED | 05-10-2023 | Logistic curve  | P1                         |    |
| 34                         |                      | THU | 06-01-2023 | Three selected points   | P1                         |    |
| 35                         |                      | FRI | 06-02-2023 | Grompertz curve   | P1                         |    |
| 36                         |                      | SAT | 06-03-2023 | Three selected points   | P1                         |    |
| 37                         |                      | MON | 06-05-2023 | (Practical)Detrending   | P1,P2                      |    |
| 38                         |                      | MON | 06-05-2023 | (Practical)Effect of elimination of trend   | P1.P2                      |    |

|                  |    |     |            |  |        |  |
|------------------|----|-----|------------|--|--------|--|
| INDEX NUMBERS    | 39 | WED | 06-07-2023 | Concept and definition of Index Numbers                | P1     |  |
|                  | 40 | THU | 06-08-2023 | Construction of Index Numbers                          | P1,P10 |  |
|                  | 41 | FRI | 06-09-2023 | Price Index Numbers                                    | P1,P4  |  |
|                  | 42 | MON | 06-12-2023 | (Practical)Quantity Index Numbers                      | P1,P2  |  |
|                  | 43 | MON | 06-12-2023 | Practical-7Computation of simplex numbers              | P1,P2  |  |
|                  | 44 | WED | 14-06-2023 | Problems involved in the construction of Index numbers | P1,P3  |  |
|                  | 45 | THU | 15-06-2023 | Uses and limitations of Indexnumbers                   | P1     |  |
|                  | 46 | SAT | 17-06-2023 | Cost of living index numbers                           | P1     |  |
|                  | 47 | MON | 26-06-2023 | Practical-8 Computation of all weight index numbers    | P1,P2  |  |
|                  | 48 | MON | 26-06-2023 | Practical-9 Computation of reversaltests.              | P1,P2  |  |
|                  | 49 | WED | 28-06-2023 | Solved problems  | P1     |  |
| VITAL STATISTICS | 50 | FRI | 30-06-2023 | Intruduction of vital Statistics                       | P1,P10 |  |
|                  | 51 | SAT | 07-01-2023 | Definition and uses of vital statistics                | P1     |  |
|                  | 52 | MON | 07-03-2023 | (practical)Measures Of different mortality rates       | P1,P2  |  |
|                  | 53 | MON | 07-03-2023 | Practical-10 Computation of various Mortality rates    | P2     |  |
|                  | 54 | WED | 07-05-2023 | Sources of vital statistics                            | P1     |  |
|                  | 55 | THU | 07-06-2023 | Measures of Different Fertility rates                  | P1     |  |
|                  | 56 | FRI | 07-07-2023 | Measures of Population Growth                          | P1,P10 |  |
|                  | 57 | MON | 07-10-2023 | Practical-11 Computation of various Fertility rates    | P1,P2  |  |
|                  | 58 | MON | 07-10-2023 | Practical-12 Computation of various Reproduction rates | P1,P2  |  |
|                  | 59 | WED | 07-12-2023 | Construction of life tables                            | P1     |  |
|                  | 60 | THU | 13-07-2023 | Uses of life tables.                                   | P1,P3  |  |

  
Signature of the Lecturer <sup>HOD</sup>

  
Signature of the Lecturer ~~in charge~~

  
Signature of the Principal