

Minutes of the Annual upgradation of  
Syllabus meeting in Statistics held on  
03-04-2023 at 10.00 am.

Members:

1. Dr. E. Helena, Head, Department of Statistics,  
Fatima College, Madurai.
2. Dr. B. Sivakumar, Associate Professor,  
School of Mathematics, Madurai Kamaraj  
University, Madurai.
3. Dr. A. Kachi Mohideen, Assistant Professor,  
PG and Research Department of Statistics,  
Thanthai Periyar Govt. Arts and Science College,  
Trichy.
4. Dr. V. Sangeetha, Assistant Professor, Department  
of Statistics, PSG Arts and Science College,  
Coimbatore.
5. Ms. S. Sindhuja, Senior Statistical Officer,  
NSSO (FOD) TN(N), Chennai R.O. Ministry of  
Statistics & P.I. Government of India, Chennai.
6. Ms. R. Haasini, System Associate, Infosys Limited  
Konappa Aghara, Electronic City Phase I,  
Bangalore.
7. Dr. K. Sangeetha, Dean of Academic Affairs,  
Fatima College, Madurai.
8. Dr. K. Mano, Assistant Professor, Department of  
Statistics, Fatima College, Madurai.
9. Mrs. P. Dhanapriya, Assistant Professor, Department  
of Statistics, Fatima College, Madurai.
10. Ms. T. Shobana, Assistant Professor, Department  
of Statistics, Fatima College, Madurai.



## Action taken report 2022-2023.

|    | Comments Suggestations offered in the Previous board              | Action taken for the academic Year                   |
|----|-------------------------------------------------------------------|------------------------------------------------------|
| 1. | New Skill based Course to be introduced                           | Sampling distributions is introduced.                |
| 2. | More number of Problems to be introduced in Practical Statistics. | Revision is done on the Practical Statistics Course. |

## Revision of Courses

|    | Course Code | Course Title             | % of revision | Relevance to |   |   |   | Scope for |    |    |
|----|-------------|--------------------------|---------------|--------------|---|---|---|-----------|----|----|
|    |             |                          |               | L            | R | N | G | EM        | EN | SD |
| 1. | 23ST5SB3    | Practical Statistics II  | 25%.          |              |   |   |   | ✓         | ✓  | ✓  |
| 2. | 23ST6SB5    | Practical Statistics III | 25%.          |              |   |   |   | ✓         | ✓  | ✓  |

## Core Courses introduced (PART-II)

|    | Course Code | Course Title                      | Relevance to |   |   |   | Scope for |    |    | Need for Introduction |
|----|-------------|-----------------------------------|--------------|---|---|---|-----------|----|----|-----------------------|
|    |             |                                   | L            | R | N | G | EM        | EN | SD |                       |
| 1  |             | Descriptive Statistics            |              | ✓ |   |   |           |    | ✓  |                       |
| 2  |             | Probability Theory                |              |   |   | ✓ |           |    | ✓  |                       |
| 3  |             | Discrete Probability Distribution |              | ✓ |   |   |           |    | ✓  |                       |
| 4. |             | Matrix and Linear Algebra         |              | ✓ |   |   |           |    | ✓  |                       |



## Elective Courses introduced (PART-III)

|    | Course Code | Course Title                                                | Relevance |   |   |   | Scope for |    |    | Need for Introduction |
|----|-------------|-------------------------------------------------------------|-----------|---|---|---|-----------|----|----|-----------------------|
|    |             |                                                             | L         | R | N | G | EM        | EN | SD |                       |
| 1. |             | Business Mathematics and Statistics (offered to B. com (a)) |           |   | ✓ |   |           |    | ✓  |                       |
| 2. |             | Mathematics for Statistics                                  |           |   | ✓ |   |           |    | ✓  |                       |

## Skill Enhancement / Foundation Courses introduced (PART-IV)

| SEC/<br>FC | Course Code | Course Title                | Relevance |   |   |   | Scope for |    |    | Need for Introduction |
|------------|-------------|-----------------------------|-----------|---|---|---|-----------|----|----|-----------------------|
|            |             |                             | L         | R | N | G | EM        | EN | SD |                       |
| SEC 1      |             | Basics of Statistics        |           |   | ✓ |   |           |    | ✓  |                       |
| FC         |             | Bridge Course in Statistics |           |   | ✓ |   |           |    | ✓  |                       |
| SEC 2      |             | Basics of Statistics        |           |   | ✓ |   |           |    | ✓  |                       |
| SEC 3      |             | Statistics Practical I      |           |   |   |   | ✓         | ✓  | ✓  |                       |

The board reviewed the syllabi for II UG (III & IV Semester) and III UG (V and VI Semester)

As per TANSCHÉ Guidelines the board passed the syllabi for I UG (I & II Semester)



The following revisions were carried out :

23ST5SB3 - Practical Statistics - II.  
Problems on Sampling Theory, Estimation Theory and Applied Statistics are included.

23ST6SB5 - Practical Statistics - III.  
Problems on Testing of hypotheses, Design of Experiments, Demography and Actuarial Statistics are included.

New Self Learning Course :  
Introduction to Python is introduced.

The following are the Courses for II UG (III & IV Semester) and III UG (V and VI Semester)

III Semester

22ST3CC5 - Continuous Probability Distributions  
19ST3CC6 - Sampling Theory  
19G3ACST3 - Linear Programming  
19ST3SB1 - Practical Statistics - I

IV Semester

19ST4CC7 - Estimation Theory  
22ST4CC8 - Applied Statistics  
19G4ACST4 - Linear Algebra  
22ST4SB2 - Sampling Distributions



## V Semester

- 19ST5CC9 - Testing of Hypotheses  
19ST5CC10 - Design of Experiment  
19ST5CC11 - Demography  
19ST5CC12 - Real Analysis  
19ST5ME18 - Computer Programming  
in C  
19ST5ME2 - C - Practicals  
22ST5ME38 - Object Oriented  
Programming with C++  
22ST5ME4 - C++ Practicals  
23ST5SB3 - Practical Statistics - II  
19ST5SB4 - Statistical Software:  
SPSS.

## VI Semester

- 19ST6CC13 - Statistical Quality  
Control.  
19ST6CC14 - Stochastic Processes  
19ST6CC15 - Actuarial Statistics  
19ST6ME51 - Numerical Methods I  
19ST6ME61 - Multivariate Analysis I  
19ST6ME7 - Regression Analysis  
19ST6ME8 - Operations Research I  
19ST6ME9 - Industrial Statistics I  
22ST6ME10 - Econometrics.  
23ST6SB5 - Practical Statistics - III  
19ST6SB6 - Statistical Software:  
R.

The board also reviewed the syllabi for the Self Learning Courses.

1. Quantitative Aptitude and Data Interpretation.
2. Statistics using Excel.
3. Biostatistics.

1. DR. F. HELENA
2. DR. B. SIVAKUMAR
3. DR. A. KACHI MOHIDEEN
4. DR. V. SANGEETHA
5. MS. S. Sindhuja
6. MS. P. HAARINI
7. DR. K. SANGEETHA
8. DR. K. MAND
9. MRS. P. DHANAPRIYA
10. MS. T. SHOBANA

~~P. P. P. P.~~

~~B. K. K.~~

~~K. K. K.~~

~~V. Sangeetha~~ 03/04/23

ABSENT

ABSENT

~~Sangeetha~~

K. M. M. V.

~~D. Dhanapriya~~

~~F. S. S.~~