



DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE (Autonomous)
Re-accredited with "A++" Grade by NAAC (3rd Cycle)
College with Potential for Excellence, Linguistic Minority Institution
Affiliated to University of Madras
Arumbakkam, Chennai - 600 106

Board of Studies -Academic Year 2023-24

Date: 20.06.2023

Department of **STATISTICS**

Minutes of the Meeting

The Department of Statistics has conducted the Board of Studies meeting for the Academic year 2023 - 2024 on **20.06.2023** at **9.00 A.M.**

The meeting constituted the following members:

Sl. No	Name and Designation of the BOS Members	
1.	Dr. S. Sundarabalan Assistant Professor and Head Department of Statistics DDGD Vaishnav College Chennai - 600 106.	Chairperson (HOD)
2.	Dr. M.R. Sindhumol Associate Professor and Head Department of Statistics University of Madras, Chepauk Chennai - 600 005.	University Nominee
3.	Dr.M.R.Srinivasan Adjunct Professor Chennai Mathematical Institute Siruseri, Chennai.	Subject Expert 1 ❖ (outside the Parent University)
4.	Dr.E.Susiganeshkumar Assistant Professor and Head Department of Statistics Periyar Government Arts College Cuddalore.	Subject Expert 2 ❖ (outside the Parent University)
5.	Mr.Vishnu SK Senior Manager Concentrix Catalyst Chennai.	Corporate Expert
6.	S. Hari (Pursing) M. Sc., Statistics Loyola College, Chennai.	Alumni
7.	Mr.T.Maheshwaran Assistant Professor Department of Statistics DDGD Vaishnav College Chennai - 600 106.	Senior Internal Faculty



Internal Faculty Members:

1. Dr. S. Santhi
2. Dr. S. Raguraman
3. Dr. R. Guruviswanathan
4. Dr. N. S. Indhumathy

The Board Passed the Resolution to incorporate the following modifications in the Syllabus effective from the Academic Year 2023-2024 onwards.

Semester 1: (Applicable for the Candidates Admitted from the Academic Year 2023-2024)

A. Revision in Syllabus (Theory & Practical) – Mention Addition/Deletion of the Content with Justification* for the same. (No Changes)

1. Core Paper I -
- 2.-----
3. Allied Paper

B. Introduction of New Courses- Mention the New Courses Introduced for the Semester, the Category under which Introduced (For Example: Employability, Skill Enhancement, Entrepreneurship, Open Elective, Extra disciplinary, etc.) with Justification* (No Changes)

- 1.-----
- 2.-----
- 3.-----
- 4.-----

C. Introduction of Value Added Courses- mention the Name of the Value Added Course, Number of Hours, credits, method of Assessment and the agency with whom MOU has been Signed for the same. (No Changes)

- 1.-----
- 2.-----
- 3.-----

D. Project /Internship/Field work/Industrial Visit - Mention the nature of Project/Internship/Field work/Industrial Visit Number of Days, Credits, Method of Assessment, Distribution of Marks (CIA &ESE). (No Changes)

- 1.-----
- 2.-----

E. Revision in Syllabus and or introduction of New Courses for Allied Papers/Open elective/NME offered to Other Departments.

Offered to B. Sc., Data Science,

In **Statistical Methods and Its Applications (Semester I)**, Unit-4 and Unit-5 has removed from existing syllabus and newly introduce concept of correlation as Unit-4 and the concept of regression and curve fitting as Unit-5.

- Employability purpose

F. Any other Changes (relating to ratio of distribution of marks between theory & Problems), Shifting of Courses between Semesters.(No Changes)

Semester 2:(Applicable for the Candidates Admitted from the Academic Year 2023-2024)

A. Revision in Syllabus (Theory & Practical) – Mention Addition/Deletion of the Content with Justification* for the same.(No Changes)

1. Core Paper II -
2. -----
3. Allied Paper

B. Introduction of New Courses- Mention the New Courses Introduced for the Semester, the Category under which Introduced (For Example: Employability, Skill Enhancement, Entrepreneurship, Open Elective, Extra disciplinary, etc.) with Justification*

(No Changes)

- 1.-----
- 2.-----
- 3.-----
- 4.-----

C. Introduction of Value Added Courses- mention the Name of the Value Added Course, Number of Hours, credits, method of Assessment and the agency with whom MOU has been Signed for the same.

1. Advanced Excel – 50 Hours (including computer Lab hours) – No credits-computer based lab test- Futuro Focus.
- 2.-----
- 3.-----

D. Project /Internship/Field work/Industrial Visit - Mention the nature of Project/Internship/Field work/Industrial Visit Number of Days, Credits, Method of Assessment, Distribution of Marks (CIA & ESE)(No Changes)

- 1.-----
- 2.-----



E. Revision in Syllabus and or introduction of New Courses for Allied Papers/Open elective/NME offered to Other Departments.

Offered to B. Sc., Data Science,

In **Optimization Techniques**, In Unit-2 one topic(IPP) and Unit-4 (Classical Optimisation Theory) removed from existing syllabus and one new unit (Game Theory) included as Unit-4 and Multiple server model topic had removed and added single server finite and infinite capacity in unit-5

Offered to B. Sc., Computer Science,

In **Statistical Methods for Computer Applications - I (Theory)** ^{Science - I (only theory)} Subject is newly added.

F. Any other Changes (relating to ratio of distribution of marks between theory & Problems), Shifting of Courses between Semesters.(No Changes)

Semester 4:(Applicable for the Candidates Admitted from the Academic Year 2023-2024)

A. Revision in Syllabus (Theory & Practical) – Mention Addition/Deletion of the Content with Justification* for the same.

Core Paper VII – In existing syllabus of Statistical Inference – I, Unit-2, 3 and 4 changed as Unit-1, 2 and 3. Unit – 5 split-up as Unit-4 &Unit-5.

B. Introduction of New Courses- Mention the New Courses Introduced for the Semester, the Category under which Introduced (For Example: Employability, Skill Enhancement, Entrepreneurship, Open Elective, Extra disciplinary, etc.) with Justification*

(No Changes)

1.-----

2.-----

3.-----

4.-----

C. Introduction of Value Added Courses- mention the Name of the Value Added Course, Number of Hours, credits, method of Assessment and the agency with whom MOU has been Signed for the same.(No Changes)

1.-----

2.-----

3.-----

D. Project /Internship/Field work/Industrial Visit - Mention the nature of Project/Internship/Field work/Industrial Visit Number of Days, Credits, Method of Assessment, Distribution of Marks (CIA & ESE)(No Changes)

1. Industrial Visit

2.-----

E. Revision in Syllabus and or introduction of New Courses for Allied Papers/Open elective/NME offered to Other Departments.

Offered to B. Sc., Data Science,

Time series analysis and Forecasting Subject has removed. Statistical Analysis Using Subject is newly added.

Offered to B. Sc., Computer Science,

Statistical Methods for Computer Applications - II (Theory) and ~~Statistical Methods~~ ^{Science - II (only theory)} ~~Computer Applications (Practical)~~ Subjects are newly added.

F. Any other Changes (relating to ratio of distribution of marks between theory & Problems), Shifting of Courses between Semesters. (No Changes)

Semester 5: (Applicable for the Candidates Admitted from the Academic Year 2023-2024)

A. Revision in Syllabus (Theory & Practical) - Mention Addition/Deletion of the Content with Justification* for the same. (No Changes)

1. Core Paper I -
2. -----
3. Allied Paper

B. Introduction of New Courses - Mention the New Courses Introduced for the Semester the Category under which Introduced (For Example: Employability, Skill Enhancement, Entrepreneurship, Open Elective, Extra disciplinary, etc.) with Justification* (No Changes)

1. -----
2. -----
3. -----
4. -----

C. Introduction of Value Added Courses - mention the Name of the Value Added Course Number of Hours, credits, method of Assessment and the agency with whom MOU has been Signed for the same.

1. R Programming - 50 Hours (including computer Lab hours) - No credits-computer based lab test- Futuro Focus-
2. -----

D. Project / Internship / Field work / Industrial Visit - Mention the nature of Project / Internship / Field work / Industrial Visit Number of Days, Credits, Method of Assessment, Distribution of Marks (CIA & ESE) (No Changes)

1. Internship
2. -----

E. Revision in Syllabus and or introduction of New Courses for Allied Papers/Open elective/NME offered to Other Departments.(No Changes)

a. Revision in Syllabus -Mention the Name of the Course, departments to which offered,addition/deletion in Syllabus,credits with Justification*.

b.Introduction of New Courses-Mention the Name of the Course, departments to which offered,credits with Justification*.

F. Any other Changes (relating to ratio of distribution of marks between theory & Problems), Shifting of Courses between Semesters.(No Changes)

Semester 6:(Applicable for the Candidates Admitted from the Academic Year 2023-2024)

A. Revision in Syllabus (Theory & Practical) – Mention Addition/Deletion of the Content with Justification* for the same.

Core Paper XV - In **Actuarial Statistics**, Unit-1 shifted as Unit-3 and Unit-2 removed from the existing syllabus. Unit 3 and Unit 4 shifted as Unit - 1 and Unit -2 and introduce **Vital Statistics** related topics as Unit-4 and Unit - 5.

- Continuity of syllabus and Employability Purpose

B. Introduction of New Courses- Mention the New Courses Introduced for the Semester, the Category under which Introduced (For Example: Employability, Skill Enhancement, Entrepreneurship, Open Elective, Extra disciplinary, etc.) with Justification*

(No Changes)

- 1.-----
- 2.-----
- 3.-----
- 4.-----

C. Introduction of Value Added Courses- mention the Name of the Value Added Course, Number of Hours, credits, method of Assessment and the agency with whom MOU has been Signed for the same.(No Changes)

- 1.-----
- 2.-----
- 3.-----

D. Project /Internship/Field work/Industrial Visit - Mention the nature of Project/Internship/Field work/Industrial VisitNumber of Days, Credits, Method of Assessment, Distribution of Marks (CIA & ESE)(No Changes)

1. Industrial Visit
- 2.-----

E. Revision in Syllabus and or introduction of New Courses for Allied Papers/Open elective/NME offered to Other Departments.(No Changes)

a. Revision in Syllabus -Mention the Name of the Course, departments to which offered,addition/deletion in Syllabus,credits with Justification*.

b.Introduction of New Courses-Mention the Name of the Course, departments to which offered,credits with Justification*.

F. Any other Changes (relating to ratio of distribution of marks between theory & Problems), Shifting of Courses between Semesters.(No Changes)

Percentage of revision carried out in the Syllabus for the Academic year 2023-2024: 16 %

Formula to Calculate Percentage of Revision:

No.of. Units in which Syllabus Revision has been incorporated in all courses of the Programme

_____ x 100

Total No.of. Units in all Courses of the Programme

$$= \frac{15}{95} \times 100$$

$$= 16\%$$

Please Note:

- **For New Courses Introduced -No.of. Units in which Syllabus revision has been incorporated can be counted as 5.**

***Justification can be in the form of Feedback received from Stakeholders.**

- **For Semesters in which no Change has been carried out it may be mentioned as NIL**

- ❖ **Deemed Universities can be considered**

Sl. No	Name and Designation	BOS Members	Signature
1.	Dr. S.Sundarabalan Assistant Professor and Head Department of Statistics DDGD Vaishnav College Chennai.	Chairperson (HOD)	S.Sundarabalan 20-06-23
2.	Dr. M.R. Sindhumol Associate Professor and Head Department of Statistics University of Madras Chepauk Chennai - 600 005.	University Nominee	S.M. 20/6/23
3.	Dr. M.R. Srinivasan Adjunct Professor Chennai Mathematical Institute Siruseri, Chennai.	Subject Expert 1 (outside from the parent University)	M.R. 20/6/23
4.	Dr. E. Susiganeshkumar Assistant Professor and Head Department of Statistics Periyar Government Arts College Cuddalore.	Subject Expert 2 (outside from the parent University)	E.S. 20/6/23
5.	Mr. Vishnu SK Senior Manager Concentrix Catalyst Chennai.	Corporate Expert	VSK
6.	S. Hari (Pursing) M. Sc., Statistics Loyola College, Chennai.	Alumni	S.H. 20/06/23
7.	Mr. T. Maheshwaran Assistant Professor Department of Statistics DDGD Vaishnav College Chennai - 600 106.	Senior Internal Faculty/ Experts for Special courses from outside Autonomous Colleges	T.M. 20-06-23
9	Dr. S. Santhi Assistant Professor Department of Statistics DDGD Vaishnav College Chennai.	Internal Faculty	S.S. 20/6/23
10	Dr. S. Raguraman Assistant Professor Department of Statistics DDGD Vaishnav College Chennai.	Internal Faculty	-OD-
11	Dr. R. Guruviswantham Assistant Professor Department of Statistics DDGD Vaishnav College Chennai.	Internal Faculty	R.G. 20/6/23
12	Dr. Indhumathi Assistant Professor Department of Statistics DDGD Vaishnav College Chennai.	Internal Faculty	I. 20/6/23

S.Sundarabalan
BOS Chairperson
20-06-23

Academic Council-
Member Secretary

Principal