



Sri Dharmasthala Manjunatheshwara College
(Autonomous), Ujire-574 240, Dakshina Kannada, Karnataka State

(Re-accredited by NAAC at "A" grade with CGPA 3.61 out of 4)

BOS Meeting Minutes

Department of Statistics

2020-21



DEPARTMENT OF STATISTICS
Proceedings of BOS meeting

Date: 14-08-2020
Time: 10 a.m.
Venue : Department of Statistics (Mode: Online-Google meet platform)

AGENDA NO	AGENDA
Agenda 1 SDMCU /STAT-BOS/2020-21/01/01	Reading the minutes of the previous BOS meeting and action taken report.
Agenda 2 SDMCU /STAT-BOS/2020-21/01/02	Revision and Approval of syllabus a) Highlighting the Local, National and Global issues in the courses b) Incorporating skill components
Agenda 3 SDMCU /STAT-BOS/2020-21/01/03	Approval for the Additional Elective Papers
Agenda 4 SDMCU /STAT-BOS/2020-21/01/04	Approval for the Value added courses (Certificate Courses)
Agenda 5 SDMCU /STAT-BOS/2020-21/01/05	Finalizing the list of examiners
Agenda 6 SDMCU /STAT-BOS/2020-21/01/06	Any other matter





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Members Present:

Sl. No	Name and Address	Designation
1.	Mr. Shanthiprakash, H.O.D,Dept. of Statistics, SDM College, Ujire	Chairperson
2.	Prof. Gopal M. Gokhale H.O.D,Dept. of Statistics, PoornaPrajna College, Udupi	Subject Expert
3.	Dr. C.M. Mutt Associate Professor Dept. of Statistics PC JabinScience College, Hubli – 580031	Subject Expert
4.	Mrs. Dhanya Assistant Professor Dept. of Statistics,P.P.C, Udupi	University Nominee
5.	Mr. Rajeesh Data Analyst,Course-V Transformative Intelligence Embassy Techvillage, Bulding 2A Groundfloor East tower SarjapurOuterring, Devaraveesanahalli, Bangalore-560103	Representative from Industry / Corporate





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6.	Mr. Pradeep K. Assistant Professor, Dept. of Statistics, SDM College, Ujire	Alumni
7.	Dr. Savitha Rao Assistant Professor, Dept. of Statistics, SDM College, Ujire	Member
8.	Mrs. Malathi Rao Assistant Professor, Dept. of Statistics, SDM College, Ujire	Member
9.	Mrs. Ankitha Assistant Professor, Dept. of Statistics, SDM College, Ujire	Member

Members not present: Nil

The Chairman welcomed the members and presented the agenda in the meeting.

Agenda 1

Reading the minutes of the previous meeting held on 04-06-2019 and action taken report

The Chairman readout the minutes of previous meeting and action taken report.

The following actions were taken based on the suggestions given by the members.

Suggestion 1:

Inclusion of statistical organization in India and their functions in the elective paper of I Sem in order to create awareness among the beginners.

Action taken:

These topics are added in the elective paper of I sem.

Suggestion 2:

Inclusion of correlation coefficient in Unit II of II Sem. along with random variable concept as it is essential to understand clearly.





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Action taken:

These topics are added in Unit II of II Sem.

Suggestion 3:

Removal of measurer of location, dispersion, skewness and kurtosis of random variable in Unit II, as these are included in Unit III.

Action taken:

These topics are excluded from Unit II.

Suggestion 4:

Exclusion of Fisher information function, Cramer Rao inequality minimum variance unbiased estimators, minimum variance bound estimators, as the applications of these topics are advanced at IV Sem level.

Action taken:

These topics are excluded from IV Sem.

Suggestion 5:

Inclusion of small and large samples test along with likelihood ratio test in unit IV of IV Sem as these topics are appropriate for better understanding of Hypothesis testing.

Action taken:

These topics are included in unit IV of IV Sem.

Suggestion 6:

In V Sem. under Unit II, derivation of rank correlation coefficient with & without ties are included for understanding concept concisely.

Action taken:

These topics are included in Unit II of V Sem.

Suggestion 7:

Computation of coefficient of determination is included in V Sem. Regression analysis as it explains the variability among factors.

Action taken:

These topics are included in V Sem.



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Suggestion 8:

In VI Sem. Paper VIII inclusion of ratio to moving average under time series as it is used often in time series analysis.

Action taken:

These topics are included in Paper VIII of VI Sem.

Suggestion 9:

Elective paper-introduction to data science and Big data analytics is completely changed to basic level as suggested by the experts who dealt with Big data analytics.

Action taken:

These topics are included in elective paper.

Suggestion 10:

The Board suggested that the practicals will be conducted manually as well as using softwares namely viz R and Excel to increase the computational skill.

Action taken:

The above suggestions are incorporated in the practicals of all the semesters.

The Board approved the agenda and action taken report.

Agenda 2

Revision and Approval of syllabus

Existing syllabus was approved in B.O.S. meeting by highlighting the local, national, global issues and skill components incorporated in the courses. The details of various components incorporated are given in the Annexure 1

The agenda was approved.

Agenda 3

Approval for the Additional Elective Papers

As per the CBCS structure, the institutions are expected to broaden the elective option to the students. The Autonomous status of the institution has provided ample opportunities to design the syllabus and offer many elective courses. In this regard, the department has developed eight



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elective courses to enable expanded scope, new discipline, to provide the support to the discipline of study and to nurture learners proficiency and skill. The draft syllabus of the elective courses was presented for approval.

The details of the existing and new elective papers are given in Annexure 2.

List of additional elective papers :

I semester:

1. **Statistics with R:** R is a programming language and free software environment for statistical computing and graphics which is widely used among statisticians for developing statistical software and data analysis.
2. **Introduction to Acturial Statistics:** It equips the students with knowledge of statistical distribution, methods to summarize data, the principles of statistical inference and regression models.

II semester:

1. **Econometrics:** It is the application of statistical methods to economic data in order to give empirical content to economic relationships.
2. **Introduction to machine learning for data science:** It is a branch of artificial intelligence based on the idea that systems can learn from the data, identify patterns and make decisions with minimal human interventions.

III semester:

1. **Queuing theory:** It describes features of the queue, like average wait time and provides the tools for optimizing queues.
2. **Fundamentals of Research Methodology:** To understand the perception of research, appraise of related literature, fundamentals of hypothesis and applications of various tests.

IV semester:

1. **Bivariate data analysis:** It is one of the simplest form of quantitative analysis which involves two variables for the purpose of determining the empirical relationship between them.



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2. **Probability and Probability distributions:** Probability distributions are fundamental concept in Statistics which are used on both theoretical and practical level.

The members reviewed the syllabus and the board approved the courses.

The number of papers having skill components – 7

The number of papers having employability components – 3

100% change incorporated in additional elective papers.

Agenda 4

Approval for the Value added courses (Certificate Courses)

The institution has taken the initiative to introduce value added courses from the academic year 2020-21. In this regard, the department of Statistics offered two value added courses (20 hours in each semester) in view of additional skills, knowledge in areas of interest of the learners, namely,

- (i) Management Science I and II (for B.Com/BBAs students)
- (ii) Statistical methods I and II (for BA/ BCA students)

The Chairman presented the draft syllabus sought for suggestions and approval for the same. (Annexure 3)

The Board approved the value added courses.

Agenda 5

Finalizing the list of examiners

The draft list of examiners was presented for approval. The list is updated based on the following suggestion by the members.

- 1. Addition of names of B.Venkatesh Rao of P.C. Jabin College, Hubli and Dr. Deepa Acharya of Govt. Science College, Bangalore.

The revised list is approved. (Annexure 4)

Agenda 6

Any other matter

Under any other matter discussed about the modes of conducting online classes.

Meeting was adjourned with vote of thanks.



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Shanthi Prakash
Mr. Shanthi Prakash
(B.O.S. Chairperson)
Dept. of Statistics



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BOS Meeting Minutes

Department of Statistics

2020-21



DEPARTMENT OF STATISTICS –U.G
Proceedings of BOS meeting

Date: 03-05-2021

Time: 10 A.M.

Mode: Online-Google meet platform

AGENDA NO	AGENDA
Agenda 1 SDMCU /STAT-BOS/2020-21/02/01	Reading the minutes of the previous BOS meeting and action taken report.
Agenda 2 SDMCU /STAT-BOS/2020-21/02/02	Review of results and brief department activities.
Agenda 3 SDMCU /STAT-BOS/2020-21/02/03	Revision/Modification of syllabus/Question paper pattern
Agenda 4 SDMCU /STAT-BOS/2020-21/02/04	Introduction to MOOC's related to the emerging areas in Elective/Value added courses
Agenda 5 SDMCU /STAT-BOS/2020-21/02/05	SWAYAM integrated chapters/Units
Agenda 6 SDMCU /STAT-BOS/2020-21/02/06	Finalizing the list of examiners.
Agenda 7 SDMCU /STAT-BOS/2020-21/02/07	Approval for the question bank & software generated question papers for term end exams
Agenda 8 SDMCU /STAT-BOS/2020-21/02/08	Any other matter





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2.	Prof. Gopal M. Gokhale, H.O.D, Dept. of Statistics, Poorna Prajna College, Udupi	Subject Expert
3.	Dr. C.M. Mutt, Associate Professor Dept. of Statistics, PC Jabin Science College, Hubli – 580031	Subject Expert
4.	Mrs. Dhanya, Assistant Professor , Dept. of Statistics, P.P.C, Udupi	University Nominee
5.	Mr. Rajeesh, Data Analyst, Course-V, Transformative Intelligence Embassy , Techvillage, Bulding 2A Groundfloor, East tower Sarjapur, Outerring, Devaraveesanahalli, Mangalore-560103	Representative from Industry / Corporate
6.	Mr. Pradeep K. , Assistant Professor, Dept. of Statistics, SDM College, Ujire	Alumni
7.	Dr. Savitha Rao, Assistant Professor, Dept. of Statistics, SDM College, Ujire	Member





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8.	Mrs. Malathi Rao, Assistant Professor, Dept. of Statistics, SDM College, Ujire	Member
9.	Mrs. Ankitha , Assistant Professor, Dept. of Statistics, SDM College, Ujire	Member

Members not present: Nil

The Chairman welcomed the members and presented the agenda in the meeting.

Agenda 1

Reading the minutes of the previous meeting held on 14-08-2020 and action taken report

The Chairman read out the minutes of previous meeting and action taken report.

Existing syllabus was approved in B.O.S. meeting by highlighting the local, national, global issues and skill components incorporated in the courses

The department has developed eight elective courses to provide the support to the discipline of study and to nurture learners proficiency. Also offered two value added courses (20 hours in each semester) in view of additional skills and knowledge in areas of interest of the learners

The members reviewed the syllabus, without any additional suggestions, the board approved the elective courses and value added courses

The Board approved the agenda and action taken report.

Agenda 2

Review of results and brief department activities.

The chairperson presented the result statistics.

Class	Sem/Paper	No. of students		% result
		Appeared	Passed	
I B.Sc	I	47	47	100



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II B.Sc.	III	41	36	87.8
III B.Sc.	V/V	54	51	94.44
III B.Sc.	V/VI	53	47	88.68
I B.Com	I	349	311	89.1

Members of the Board of studies reviewed the result. Members of the department participated in National/International Webinars.

The board noted the report .

Agenda 3

Revision/Modification of syllabus/Question paper pattern

The chairperson presented the syllabus of the department for suggestions and modifications. The board reviewed the syllabus and decided to continue the same syllabus for the next academic year.

The agenda was approved

Agenda 4

Introduction to MOOC's related to the emerging areas in Elective/Value added courses

As an Institution Policy, it was decided to offer courses on MOOC's related to the emerging areas in Elective/Value added Courses to students. The chairperson requested the members to suggest the courses to offer. The board opined that at present there were no MOOC's available to the students, it was suggested to verify during June/July by the members of the department and list out the same.

The agenda was approved

Agenda 5





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SWAYAM integrated chapters/Units

Chairperson briefed about SWAYAM integrated chapters/Units to get suggestions from external members. They encouraged younger staff members of the department to take the initiation to this as they had completed many online courses as they shared the information with them in the meeting.

List of SWAYAM integrated chapters/Units

Sl. No	Topic	Duration
1	Probability and Statistics	12 weeks
2	Introduction to Biostatistics	8 weeks
3	Descriptive Statistics with R software	8 weeks
4	Business Statistics	12 weeks
5	Statistics for business decisions	12 weeks

The agenda was approved

Agenda 6

Finalizing the list of examiners.

The draft list of examiners was presented for approval. The list is updated based on the following suggestion by the members.

- Addition of names :
- 1. Dr. M.N. Megari of Karnataka Arts college, Dharwad,
 - 2. Dr. N. S. Kulakarni of BLD Degree College, Jamakandi
 - 3. Ms. Manjula of S.D.M. College,Ujire
 - 4. Ms. Vijetha Pai B.H.of S.D.M. College,Ujire

The revised list is approved. (Annexure 1)

Agenda 7



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Approval for the question bank & software generated question papers for term end exams.

In view of promoting technology-based evaluation system, Chairman briefed the members regarding software generated question papers based on paper-wise question banks and he sought the approval to generate question papers for term end examinations

Resolution: It is resolved to approve the question bank prepared by the department and to give permission to BoE Chairman to add/edit/delete and generate question papers from EERPMS for term end examinations.

The Board approved the agenda

Agenda 8

Any other matter

Under any other matter, one of the members, a representative from industry suggested to expose the students regarding the use of visualization tool in improving the presentation named Power bi. Members of B.O.S. also discussed about effective online teaching tools.

Meeting was adjourned with vote of thanks.



Shanthi Prakash
Mr. Shanthi Prakash
(B.O.S Chairperson)
Head of the
Dept. of Statistics.



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