



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)

PG Studies in Statistics BOS Meeting Minutes 2017-18



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)

Meeting Notice

16 09 2017

Venue: AV-10, SDM PG Centre, Ujire.

Time : 10:30am

Notice is hereby given to the members, subject experts and alumnus to meet in the AV-10 to discuss and transact the following agenda on Saturday, 16th September, 2017.

Agenda :-

- 1) Reading the minutes of the previous BOS meeting.
- 2) Review of the syllabus.
- 3) Review of the question paper pattern.
- 4) Review of the results - 2016-17.
- 5) Finalizing the list of examiners.
- 6) Any other matter.

Members present

- 1) Prof. Shanthiprakash
- 2) Dr. Shambhu Sharma
- 3) Dr. R.N. Rathihalli
- 4) Prof. K. Nagabhushan
- 5) Dr. Susham Bhandore

Signature

Shanthi Prakash
Keshan
Rathihalli
Absent
Bhandore



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)

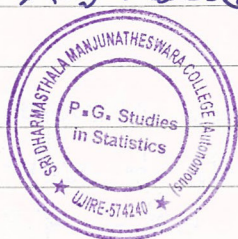
10) Ms. Ankitha M. K.

11) Ms. Supriya S.P.

12) Mr. Poadeep K.

13) Prof. K. Nagabhushan

14) Mrs. Saritha Rao



Shanthiprakash
7/19/2017
Head of the Department
P.G. Studies in Statistics
SDM College (Autonomous)
Ujire - 574240, Dakshina Kannada



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)

64	Dr. D.N. Kashid	
74	Dr. B. Ismail	
84	Dr. N. Balakrishna	
94	Mr. Vasanth Nayak	
104	Dr. Raghunath M.	
114	Ms. Ankitha M.K.	
124	Ms. Supriya S.P.	
134	Mr. Pradeep K.	

Agenda-1: Reading the minutes of the previous meeting.

BOS Chairperson Prof. Shanthiprakash welcomed the members and read the minutes of the previous meeting, which was held on 1st August, 2016. Members noted the minutes of the last meeting and the agenda was approved.

Agenda-2: Sem End Examination Results analysis. Sem End Results were read before the board and the members expressed their satisfaction regarding the results.

A member suggested that results be recorded as per the class obtained by a student. The agenda was approved.

Agenda-3: Change in the syllabus content.

The item was placed before the board. There was elaborate discussion on the codes of the paper and the content of all the papers including few additional



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)

elective papers proposed.

Regarding coding of the papers -

It is proposed to have the following style of coding of the papers:-

Earlier paper coding be updated as under:

→ The first two letters indicate the subject
Statistics - ST.

→ Third letter indicates the nature of paper:
Hardcore - H, Software - S, Practical / Project - P &
Open elective - E.

→ Numbers followed by these respectively indicate
first year of the MSc course - 4, second year of the
MSc course - 5.

→ Next two figures ^{respectively} indicate the semester number
for that course & the last figure indicates the
serial number of the paper offered in that semester.

As there are two practicals/project in each
semester, the last digit shall be 1 or 2. For example,
STP532 indicates second practical in the third
semester for the second year students.

Regarding content of the syllabus -

Paper: Linear Algebra I Sem (10% changes were incorpor-
ated)

Existing Content

Amended content

As it is

Partitioned, submatrices,
rank factorization has been
added to the existing syllabus.



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)

Reference books:

Halmos P. R. (1958)

Removed.

Graybill F. A. (1983) is included.

Paper: Probability & Distributions-I I Sem (10% changes were incorporated)
Existing content Amended content

In Unit 1, additive property

Probability and measures, probability space.

In Unit 2, probability space, definition of probability... other measures

Probability induced by a random variable, integration of measurable functions with respect to measures.

Reference books:

As it is

S. M. Ross - First course in probability is included.

Billingsley P. (2008) is also included.

Paper: Theory of Sampling I Sem (8% changes were incorporated)
Existing content Amended content

In Unit 4, Statistics for National Development

Official Statistics for National Development MDSP is added.

Paper: Probability & Distributions-II II Sem (10% changes were incorporated)
Existing content Amended content

In Unit 1, Integration of measurable functions with respect to measures.

Absolute continuity, definition of Radon-Nikodym derivative &



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)

illustrations.	
Reference books:	
As it is	Billingsley P. (2008) is included.
Paper: Linear Models and Regression Analysis II Sem	changes were incorporated.
<u>Existing content</u>	<u>Amended content</u>
In Unit 2, tests of hypothesis	Tests of linear hypothesis
Reference books:	
As it is	A. M. Kishor's a pro-linear Models is included.
Paper: Theory of Point Estimation II Sem	changes were incorporated.
The members have recommended to change the title of this paper as 'Theory of Estimation'.	
<u>Existing content</u>	<u>Amended content</u>
Unit 2 as it is	Introduction to interval estimation, construction of confidence intervals using pivot has been added.
Paper: Introductory Statistics and Data Analysis II sem	
<u>Existing content</u>	<u>Amended content</u>
In Unit 1, skewness and kurtosis	Skewness, kurtosis, outliers & robust procedures.
Reference books:	
As it is	S. M. Ross - Introductory Statistics, and T. A. Rice -
(5% changes were incorporated)	



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)

Mathematical Statistics and data analysis are included.	
<u>Paper: Theory of Testing of Hypothesis III Sem</u>	
<u>Existing content</u>	<u>Amended content</u>
In Unit 3, construction of confidence intervals using pivot	Has been removed from this course.
<u>Paper: Stochastic processes III Sem</u>	<u>Amended content</u>
<u>Existing content</u>	(15% changes were incorporated)
In Unit 1, Statistical inference in Markov Chain	Estimation of TPM for finite state markov chain.
In Unit 4, inequality convergence	Definition & elementary properties, convergence theorem & applications.
<u>Paper: Design & Analysis of Experiments IV Sem</u>	<u>Amended content</u>
<u>Existing content</u>	(8% changes were incorporated)
In Unit 3, general factorial experiments	Nested designs , general factorial experiments.
In Unit 4, $\frac{1}{3}$ factorial replications	Has been removed from this course.
<u>Paper: Time Series Analysis IV Sem</u>	<u>Amended content</u>
<u>Existing content</u>	(15% changes were incorporated)
In Unit 4, Box & Jenkins forecasting	Box & Jenkins forecasting for ARMA models, Introduction to ARCH & GARCH models.



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)

Reference books:

As it is

Tsay R. S. (2005); Chatfield;
Brockwell & Davis - Introduction to Time Series Analysis & forecasting.

Agenda-4: Change in the question paper pattern.
Existing Amended

Instruction: Question No.1 is compulsory. Answer any 4 from the remaining.

Instruction: Answer all the questions.

Question No.1 - 6 questions out of 8 of 3 marks each.

Question No.1 - 6 questions out of 8 of 3 marks each.

Question No.2,3,4,5,6,7,8 of 13 marks each.

Question No.2,3,4,5 has two parts of which one part has to be answered completely of 13 marks each.

Details:

Existing

Question No.1

$$- 6 \times 3 = 18$$

Question No.2,3,4,5,6,7,8

$$- 13 \times 4 = 52$$

$$\underline{\underline{70}}$$

Amended

Question No.1

$$- 6 \times 3 = 18$$

Question No.2,3,4,5

$$- 13 \times 4 = 52$$

$$\underline{\underline{70}}$$



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)

Agenda 5 : Review of Panel of Examiners list.
Reviewed by the members.

Agenda 6 : Any other matter.
Nil.

Agenda was approved.

Vote of thanks has been proposed by Ms. Supriya S.P. and the meeting was concluded at 4pm.

Date : 16.09.2017

Place : Ujire

Shankar Prakash

BDS Chairperson



14	Prof. Shanthiprakash	Shanthi-Prakash
24	Dr. Shambhu Sharma	Shambhu
34	Dr. R.N. Rattihalli	Ratna Halli
44	Dr. Susham Bendre	Bendre
54	Dr. D.N. Kashid	Kashid
64	Dr. B. Ismail	Ismail
74	Dr. N. Balakrishna	Balakrishna
84	Ms. Vasanthi Nayak	Vasanthi
94	Dr. Raghunath M.	Raghunath