

MINUTES OF THE BOARD OF STUDIES MEETINGS

Minutes of the Board of Studies
meeting held on 26.03.2015-

The meeting started at 1.30 PM on 26-03-15 with available members. The papers of each of the semesters were discussed in detail and are allotted to the concerned teacher to prepare the typed version of the syllabus. The meeting came to an end at 4.30 PM.

The following members were present-

1. Dr. M Hitha (Chairperson) M. Hitha
2. Dr. Jayamol K V (Member) JF
3. Dr James Kunan " James Kunan
4. Dr. Angel Mathew " Angel
5. Dr Priya P Menon " Priya
6. Sri Sujith P " Sujith
7. Dr. Bismi G Nadk " Bismi

Minutes of the Board of Studies
meeting held on 30-03-2015

The meeting started at 10.30 AM on 30-03-15 at the department of Statistics, Maharaja's College, EKM. Syllabus of every paper were discussed in detail. Necessary additions and deletions were made in each and every paper already prepared, according to the suggestions of experts. The meeting came to an end at . One of the important suggestions was to consider the paper Actuarial science as a full paper.

Members present-

1. Dr. N. Hitha (Chairperson) - m. Hitha
2. Dr. P.G. Sankaran (expert) Sankaran
3. Dr. Sebastian George (expert) George
4. Sri. Joseph Justus Rebello (Alumni) Rebello
5. Dr. Jayaram K-V (member) Jayaram
6. Dr. James Kurian (member) James
7. Dr. Angel Mathew (member) Angel
8. Dr. Priya P. Menon (member) Priya
9. Sri Sujith P (member) Sujith
10. Dr. Bismi Cr. Nadhu (member) Bismi

Minutes of the workshop held on
5th & 6th May 2015

On 5th May the meeting started at 10.00 AM in the dept of Statistics, Maharaja's College, Ernakulam. Syllabus of each paper were discussed in detail. Necessary corrections were made in the syllabus of each paper. The general suggestions for all the semesters were to include text books and reference books of the latest edition. It was decided to include reliability modeling and analysis and Population dynamics in the existing list of the optional papers.

On 6th May the meeting started at 10. AM in the department of Statistics the syllabii of the complementary course on Statistics for the UG were discussed in detail. Appropriate changes were made in the syllabus of each semester.

The following members were present in the meeting.

- 1. Dr. K-R. Muralidharan Nair Jeralan
- 2. Dr. P.G. Sankaran Sankar
- 3. Dr. Sebastian George, L
- 4. K-A. Rajeevan Pillai Rajeevan Pillai
- 5. Joseph Justin Rebello Justin
- 7. Dr. Hitha .N Hitha

8. Dr. Jayamol KV ~~DR~~
 9. Dr. Bismi G Nadkarni ~~BR~~
 10. Dr. Priya P Menon ~~Priya~~
 11. Dr. James Kurian ~~James~~
 12. Dr. Angel Mathew ~~Angel~~
 13. Sri. Sijith P ~~Sijith~~

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Minutes of the Workshop held on 22/9/15

On 22/9/15 the meeting started at 9.30 A.M.

There were two sessions in the workshop following the discussion of the previous workshop both the parallel sessions were carried out. There were 6 resource persons and 7 internal participants from the department. The senior two resource persons, Mr. Dr. K.R. Maraleedharan Nair and Prof. K.A. Rajeevanspillai handled two sessions of 90 minutes discussion and the other four resource persons handled one session each.

Session I

A class on measure theory is handled by Prof K.R. Maraleedharan Nair from 10.00 AM to 11.30 AM. It covered almost all areas of applications of measure theory. The next class from 11.30 AM to 1.00 PM was also led by Dr. K.R. Maraleedharan on Reliability theory. The new trends in reliability theory and reliability engineering are discussed in detail.

After the lunch, Prof K.A. Rajeevanspillai started with statistical softwares and about data analysis using softwares. He talked about the necessity of training students to handle problems in industries and clinical studies. More stress is given to the usage of the free software 'R' in practical problems. The next class was also by Prof. Rajeevanspillai from 3.00 PM to 4.30 PM. The topic was on probability Theory. As a teacher with 28 years of experience he made it very excellent.

Session II

The parallel sessions were also started at 10 A.M. The first class was by Dr. Sankaran P.C. on Survival analysis. He talked on the extensive use of the theory in clinical data emphasized the need to implement survival analysis in the PG curriculum. Prof. Joseph Justin Rebello talked on Actuarial Science and its applications in the field of insurance. The class ended at 1:00 PM. After the lunch Dr. Sebastian George talked on Distribution theory and its applications in the theory. He stressed on the need for improving the theory by introducing the family of distributions in the PG curriculum. The last class was handled by Prof. Sophy Thomas on Multivariate analysis. Apart from the traditional way of teaching, she talked on the modern trends in applying the theory in Data Analysis.

The meeting ended at 4:30 P.M. The following is the list of participants.

1. Dr. K.R. Maraleedharan Nair KRMaran
2. Prof Rajeevan Pillai JRajeevanR.Pillai
3. Dr. Sankaran P.C. Sankaran
4. Prof Joseph Justin Rebello JJR
5. Dr. Sebastian George SGeorge
6. Prof. Sophy Thomas SophyThomas
7. Dr. Hitesh N. Hitesh
8. Dr. Jayaram K.V. Jayaram
9. Dr. James Kurian JK
10. Dr. Angel Mathew Angel
11. Dr. Priya P Menon Priya
12. Sri. Sujith P Sujith
13. Dr. Bismi - G. Nedum Bismi

Minutes of the workshop held on 27/11/15

The two day workshop started on 27th November at 9.30 AM. There were 25 participants from various Universities at different parts of the State. There were two parallel sessions for both days (8 sessions per day). The sessions were of length 90 minutes each.

During the 2nd day, the last two sessions were completely dedicated for the revision of UG syllabus. All other sessions dealt with the PG syllabus in detail.

The first session (10 AM - 11.30 AM) was lead by Dr. K.R. Muraleedharan Nair. The members were satisfied by the contents of the syllabus of paper I, Probability Theory. Dr Sebastian George pointed out the need for including Bounded Convergence Theorem (BCT) in Unit I and the changes were made likewise.

The second session (11.30 - 1.00) was handled by Dr. Sebastian George on Paper II Distribution Theory. One suggestion was that New editions of the books are to be included in the references. The IIIrd & IVth sessions were on Statistical Softwares and Reliability Analysis each handled by Prof. Rajeevan Pillai & Dr. P.G. Sankaran. Concerning Reliability Analysis Dr. Muraleedharan

Nair suggested to introduce the discrete time models and the suggestion was accepted by the group.

The parallel sessions on the same day were lead respectively by Dr. Maya SS (Probability theory), Dr. Vinesh Kumar (Inference), Dr. Johny Scaria (Sampling techniques) and Prof. Vinaya-Chandran C. (Testing of hypothesis).

Slight changes in Unit IV of Sampling Theory is made. The major decision was to include more advanced topics in Network Sampling which is an emerging area in Sampling Theory. Regarding paper V, Dr. Preeth and Prof Juston Rebello suggested to change the title of the paper to Statistical Computing using R.

The session of 2nd day started at the same time as that of 1st day.

The first session was handled by Dr. Muralidharan Nair. He lead the discussion on Stochastic Processes.

Dr. Sebastian George chaired the session for multivariate Analysis and Prof. Rajeevan Pillai lead the session on Operation Research.

Some overlappings in Stochastic processes and OR are removed so that there are no repetitions in the topics. The topic Actuarial Statistics was lead by Joseph Rebello.

An important suggestion regarding the Elective paper Statistical Quality Assurance of III semester is to change its title to SQC.

Another suggestion was to replace the paper entitled, 'Applied Statistics' with 'Categorical Data Analysis'.

The last sessions were completely dedicated for UG syllabus led by Dr Hariha, Dr Preeth, Dr Vinesh and Prof Vinaya Chandran. An important change is regarding the Syllabus of complementary Papers for B.Sc Physics. Hence there will be considerable change in the syllabi of Mathematics & Physics, which were common till date.

All members expressed their immense pleasure in the conduct of the workshop.

The Chairperson of the Board of Studies expressed her gratitude on the active participation of the members and thanked them on behalf of the whole department.

The meeting ended at 4.30 pm on 28/11/2015. The list of resource persons and participants are listed below.

1. Dr. K.R. Muralidharan Nair S. Raman
2. Dr. Johny Scaria ~~DR. Johny Scaria~~
3. Dr. P.G. Sankaran S. G. Sankaran
4. Prof. K.A. Rajeevan Pillai K. A. Rajeevan Pillai
5. Prof. Joseph Justin Rebello J. J. Rebello
6. Dr. Hitha .N H. N. Hitha
7. Dr. Sebastian George S. Sebastian George
8. Dr. Preeth P. Preeth
9. Prof. Vinaya Chandran V. Vinaya Chandran
10. Dr. Vinesh Kumar V. Vinesh Kumar
11. Dr. Maya.S.S. M. Maya S. S.
12. Dr. Jayamol k.v J. Jayamol k.v

13. Dr. James Kurian
14. Dr. Priya. P. menon
15. Sri. Sujith P.
16. Dr. Bismi. G. Nadh.
17. Dr. Angel Mathew

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BoS Dec 5
 Minutes of the Board of Studies held on 5-12-15

The meeting started at 10 A.M. The intention of the meeting is to approve the PoS and UG syllabus which is restructured after a series of workshops on curriculum restructuring. The meeting accepted the changes and suggestions made in the workshop. Likewise the members unanimously approved both the PoS and UG syllabus.

The meeting ended at 4 P.M. The following members were present

1. Dr. N. Hitha (Chairperson) NH
2. Dr. P.G. Sankaran (Expert) S.G.S.
3. Dr. Sebastian George (Expert)
4. Sri Joseph Justin Rebello (Alumnus) Joseph Rebello
5. Sri K.A Rajeevanpillai (City Nominee) K.A Rajeevanpillai
6. Dr Jayamol KV (Member) JK
7. Dr James Kurian " JK
8. Dr Angel Mathew " AM
9. Dr Priya P Menon " Priya
10. Sri Sujith P " Sujith P
11. Dr Bismi G. Nadk. " BG

Minutes of the Board of Studies meeting held
on 07/01/17

Agenda: Rectify typing error in the titles of UG syllabus
The meeting started at 10.30 AM

on 7/1/17 at the Department of Statistics,
Maharaja's College, Ernakulam. The syllabus of
the UG Complementary Statistics for B.Sc
Mathematics and Physics were the agenda.
The meeting decided to change the titles
of both the UG Complementary Courses,
since the contents of both are different.
Accordingly, the suggested titles are as
follows.

Complementary Statistics for B.Sc Maths (main)

Semester Course Code : Course title credits lecture hours

I	STA1CMM01	Basic Statistics	3	4
II	STA2CMM02	Theory of Random Variables	3	4
III	STA3CMM03	Probability Distributions	4	5
IV	STA4CMM04	Statistical Inference	4	5

Complementary Statistics for B.Sc Physics (main)

Semester Course Code Course Title credits lecture hours

I	STA1CMPO1	Descriptive Statistics	3	4
II	STA2 CMPO2	Probability & Random variables	3	4
III	STA3 CMPO3	Standard Distributions	4	5
IV	STA4 CMPO4	Statistical Inference and Random processes	4	5

The meeting Came to an end at 11:30 AM.
The following members were present.

1. Dr. Hitha, N (ChairPerson) Hitha
07/10/17
2. Dr. P G Sankaran (expert) Sankaran
3. Sri Joseph Justin Rebello (Alumni) Joseph Rebello
07/10/17
4. Sri KA Rajeevan Pillai (city Nominee)
5. Dr. Jayamol KV (member) Jayamol KV
07/10/17
6. Dr. James Kurian James
07/10/17
7. Dr. Angel Matheo Angel
07/10/17
8. Dr. Panya. P. menon Panya
07/10/17
9. Dr. Bismi. G. Naels. Bismi
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10. Sujith. P Sujith
07/10/17

Minutes of the Board of Studies meeting
held on 13/07/18

Agenda : Minor Changes in the existing Syllabus of M.Sc Statistics.

The meeting started at 10.30 AM on 13/7/18, in the Department of Statistics, Maharaja's College, Ernakulam. Minor revision in the existing syllabus of m-sc Statistics was the agenda.

Dr, P.G. Sankaran, Subject expert gave the following suggestions

1. Revision of Syllabus should be made every three years, especially electives should be changed.
2. For the paper PG1STA CO2 - Distribution theory, from unit I, for the Ord family of distributions, Relationship among moments may be deleted.
3. For the paper PG2STA CO8 - Theory of estimation, elements of decision theory can be deleted from unit IV.
4. For PG3STA E03 - Categorical Data analysis, from Unit I, Semiparametric rate models may be deleted. Addition of multinomial distribution was also suggested.

The meeting came to an end by 11.30 A.M.

The following members were present :

1. Dr. Jayamol K.V. (Chairperson)

JK
13/7/18

2. Dr. P.G. Sankaran (subject expert)

Sankaran

3. Dr. Smitha S. (Expert alumni)

Smitha

4. Dr. James Kurian (member)

James

5. Dr. Angel Mathew (member)

Angel

6. Dr. Priya P. menon (member)

Priya

7. Sri. Sujith P (member)

Sujith

8. Dr. BISMI G. Nadh (member)

Bismi

9. Dr. Maya S.S. (Member)

Maya