



के रल के न्दय व् यशयवयदयलय  
**CENTRAL UNIVERSITY OF KERALA**

कवसरगोड / KASARAGOD

**Department of Commerce and International Business**

**Proceedings of Board of Studies Meeting**

Board of Studies meeting of the Department of Commerce and International Business, Central University of Kerala, Periyar, Kasaragod, was held on July 7<sup>th</sup> 2020, Tuesday, from 2 PM onwards through Google Meet. The internal members were present at the conference hall of Gangotri Block. The meeting was addressed by the honourable Vice Chancellor, Dr. G Gopakumar.

Members Present:

1. Prof Dr V Balachandran, Professor and Head, Department of Management Studies, Dean, School of Business Studies, Central University of Kerala.
2. Prof Dr N Ragavan, Department of Commerce, University of Madras, Chennai.
3. Prof Dr Mavoothu, Director, School of Management Studies, Cochin University of Science and Technology, Kochi.
4. Prof Dr B H Suresh, Department of Commerce, University of Mysore, Mysore.
5. Dr Antony Joseph, Manadan, XV/57, Nazareth Road, Aluva.
6. Mr K G Madhu, Managing Director, Ammini Group of Institutions, Papanamcode, Thiruvananthapuram.
7. Prof Dr E K Satheesh, Dean, Department of Commerce and Management, Calicut University, Kozhikode.
8. Prof Dr T Mallikarjunappa, Head (I/C), Department of Commerce and International Business.

Prof T Mallikarjunappa, HOD of the Department, welcomed the honourable Vice Chancellor and all the members who were present online for the BOS meeting. The honourable Vice Chancellor, Central University of Kerala, discussed the process that the CUK follows in revising the curriculum and urged all the members to contribute to make the best syllabus for the newly started Department of Commerce and International Business. This was followed by brief introduction of all the members. After the introduction of the members, the agenda for the meeting were taken up for discussion. The decisions of the different agenda are given below.

Agenda 1: Revision of the existing MCom curriculum.

Decision: The members had read the proposed syllabus and the regulations which were sent through mail and the discussion on the syllabus started with each member suggesting the changes to be made in the proposed syllabus. The proposed syllabus was presented for making the suggestions for revision. The HOD explained the revised syllabus and the need for the revision and invited members to contribute to enriching the course curriculum.

Agenda 2: Suggestion of the courses that could be continued and courses that can be added in the new syllabus.

Discussion: The following suggestions were put forward by the members:

Dr Antony Joseph suggested that International Business may be offered as Elective for MCom. More practical approaches like Registration Formalities to get I.C.C number from D.G.F.T, Modes of Entry into Global markets, F.T.P.Foreign Trade Policy, Incentives offered by Government, Institutional support by Government for Foreign trade, Payment Terms; L/C, D/P,D/A, Sale Terms – Quotations, FOB, CIF, Documentation , Insurance – Marine, Pre-shipment inspection, Quality Control, Processing of Export order should be incorporated in International Business, which would benefit the students in future. He has suggested a syllabus with 5 modules for the subject International Business.

Dr Antony Joseph suggested that the following topics may be included in the syllabus of:

1. Principles of Management – M.B.O, PERT, CPM, Major forms of business organizations.
2. Marketing Management – B2B Marketing, Industrial Marketing, Logistics & Supply Chain Management, Rural Marketing, Retail Marketing, Tele Marketing, Mobile Marketing, other digital forms and video platforms.

Dr B H Suresh suggested that syllabus should include the papers which are prescribed for NET. He also suggested eliminating elementary aspects from the subjects Advanced Management Accounting and QT for Decision Making.

Dr D Mavoothu offered the following suggestions:

1. Case studies to be discussed for the courses.

2. More inputs from Indian Epics (Mahabharatha and Ramayana) and value system can be used rather than the Western inputs in teaching the paper 'Corporate Governance and Business Ethics'.
3. The last two modules (IV AND V) in paper 'Corporate Governance and Business ETHICS' can be used for teaching Business Ethics and first three modules can be for Corporate Governance. He has suggested a detailed structure of IV and V module.

Dr. N Ragavan made suggestions for the following subjects;

1. International Financial Reporting Standards – He suggested that the disclosure and treatment matter should be given priority from learning perspective and all IFRS to be introduced.
2. Legal Framework for Business and Commerce – The legislative provisions of Competition Act , Insolvency and Bankruptcy Code, Prevention of Money Laundering Act, and Judicial Pronouncement to be included in the syllabus.
3. Principles and Practices of Auditing – To incorporate Standards on Auditing, Practical Audit situations, and Legislative provisions on auditing matters in the syllabus.

Decision: The board resolved to modify the course curriculum and the regulations and accept the same after incorporating the suggestions which the members could send after the meeting through email. The revised syllabus with the changes suggested by the members of the board could be sent to the university for further action.

Agenda 3: Addition of SWAYAM courses in the I, II and III semesters of MCom.

Decision: The board took note of the suggestions on the courses on SWAYAM that a student could opt. It was suggested that SWAYAM Courses to be offered at any time during the course duration but preferably in First, second and third semesters. The credits earned by the students in the SWAYAM should be incorporated into the grade sheet of the students.

Agenda 4: Any other matter of relevance.

The members made different suggestions on the way curriculum could be structured.

1. Number of units for the elective papers to be reduced to four.
2. In the subject Marketing Management, more practical aspects need to be incorporated.
3. Students should be made familiar with the online recruitment sites and profile creation in such sites, by including it under the subject Human Resource Management.

4. MSME website and its importance to be highlighted in the subject Entrepreneurship Development.
5. Dr B H Suresh made a suggestion connected with the regulations. He pointed that the rules relating to the failure of students in any exam and re-conduct of exam is not clear in the regulations. The HOD clarified that these are governed by the CBCS regulations of the CUK. Another point was that in his opinion the Vice Chancellor should have the power to modify the regulations or to solve a problem any time but not only up to three years. The suggestion is accepted and the relevant clause has been changed to incorporate this suggestion

It is resolved to revised the course curriculum and send it to the university for further action.

Sd/-

Prof Dr V Balachandran

Sd/-

Dr B H Suresh

Sd/-

Prof Dr N Ragavan

Sd/-

Dr Antony Joseph

Sd/-

Prof Dr E K Satheesh,

Sd/-

Mr,K G Madhu

Sd/-

Prof Dr Mavoothu

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Prof Dr T Mallikarjunappa,

(Chairman)

## Programme..Master of Commerce (MCom)

### MCM5103 STATISTICAL ANALYSIS AND QUANTITATIVE TECHNIQUES

Course Code	MCM5103	Semester	I
Course Title	STATISTICAL ANALYSIS AND QUANTITATIVE TECHNIQUES		
Credits	4	Type	Core

#### Learning/Course Objective

- To understand Probability theory and Probability distribution.
- To develop a deeper understanding of correlation and regression.
- To undergo statistical tests to interpret results.
- Demonstrate a sound knowledge of fundamentals of statistics and statistical techniques.
- To understand the meaning and process of hypothesis testing including one-sample and two-sample tests.
- To become aware of the concepts in sampling, sampling distributions and estimation.

#### Course Structure

##### UNIT I:

Probability Theory: Probability – Classical, relative, and subjective probability: Addition and multiplication probability models; Conditional probability and Baye's theorem Probability Distributions: Binomial, Poisson, and normal distribution, their characteristics and applications.

##### UNIT II:

Statistical Decision Theory: Introduction to Decision Theory - Decision environment; Expected profit under uncertainty and assigning probabilities; Utility theory. Pay-off and Loss tables – Expected value of pay-off – Expected value of Perfect Formation – Decision Tree approach to choose optimal course of action – Criteria for decision – Mini-max, Maxi-max, Minimizing Maximal Regret and their applications.

##### UNIT III:

Sampling and Data Collection: Sampling and sampling (probability and non-probability) methods; Sampling and non-sampling errors; Law of Large Number and Central Limit Theorem; Sampling distributions and their characteristics.

##### UNIT IV:

Statistical Estimation and Testing: Point and interval estimation of population mean, proportion and variance; Statistical testing – hypotheses and errors; Sample size; Large and small sampling tests – Z-tests, T tests, and F tests. Non Parametric Tests: Chi-square tests; Sign tests Wilcoxon Signed – Rank tests; Wald – Wolfowitz tests; Kruskal – Wallis tests.

##### UNIT V:

Introduction to Decision Theory: Pay-off and Loss tables – Expected value of pay-off – Expected value of Perfect Formation – Decision Tree approach to choose optimal course of action – Criteria for decision – Mini-max, Maxi-max, Minimizing Maximal Regret and their applications- Case problems. Depicting Cost and Revenue behavior – Differentiation of Cost/Revenue functions to derive Marginal Cost and Marginal Revenue – Decisions on Minimizing

## Programme..Master of Commerce (MCom)

Costs and Maximizing output/profits- Partial and Multiple Correlation and Regression- Interpretation of Multiple Regression Tables- Case problems.

### Learning/Course Outcome

- Able to use statistical techniques to collect and analyse data.
- Develop greater familiarity with Probability theories and statistical testing.
- Carry out a simple sample survey, analyse the results and present the findings to the class.
- Understand relevance & need of quantitative methods for making business decisions.

### Books for Reference:

1. KantiSwarup, PK Gupta and Man Mohan, Operations Research, Sultan Chand & Sons, 2013.
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3. Lucey, Quantitative Techniques Cengage Learning Business Press, 2002
4. Sharma, Operations Research: Theory and Applications, MacMillan.
5. Richard I Levin, & C. Atkinson Kirkpatrick, Quantitative Approaches to Management, McGraw-Hill.
6. Srivastava, Shenoy and Sharma, Quantitative Techniques for Managerial Decision-making, New Age International, 2006.
7. N.D. Vohra, Quantitative Techniques in Management, Tata McGraw-Hill Education, 2010
8. Levin, Richard I. and David S Rubin: Statistics for Management, Prentice Hall, Delhi 2009
9. Gupta S.P. Statistical Methods, Sultan Chand, New Delhi 2009
10. BS Kenblock –Fundamentals of Statistics, 3<sup>rd</sup> edition, Michael Sullivan Solution manual
11. Hooda, R.P: Statistics for Business and Economics, Macmilla 3<sup>rd</sup> edition, New Delhi.(2004)
12. Heinz, Kohleer: Statistics for Business & Economics, Harper Collins, New York.(2002)

**Theory and Problem: - 40:60**