

CENTRAL UNIVERSITY OF KERALA
School of Economics
Department of Economics

Minutes of the IInd Board of Studies of Department of Economics (PG Programme) held on
13th and 14th December 2017. Office Order No. CUK/ACA/BS/183/13/0969

IInd Board of Studies (PG Programme) of Department of Economics was held on 13th and 14th December 2017 in Conference Hall of the Central University of Kerala.

Members of the PG Board of Studies

- Chairman : **Prof. (Dr.) K.C.Baiju,**
Head, Dept. of Economics, Central University of Kerala.
- Subject Experts : **Prof. (Dr.) S.Harikumar,**
Head, Dept. of Economics, CUSAT, Cochin, Kerala.
- Prof. (Dr.) Vishwanatha,**
Chairman, Dept. of Economics, Mangalore University, Mangalore,
Karnataka.
- Prof.(Dr.) J.A.Arul Chellkumar,**
Chairman, School of Economics and Financial Studies,
Bharathidasan University, Tamil Nadu.
- Dr. Manju S Nair,**
Associate Professor, Dept. of Economics, University of Kerala,
Trivandrum, Kerala.
- Members of Faculty : **Dr. P. Abdul Kareem,**
Associate Professor, Dept. of Economics, Central University of Kerala.
- Dr. Syam Prasad,**
Assistant Professor, Dept. of Economics, Central University of Kerala

The members of the board of studies deliberated the matters involved in the course structure of the proposed syllabus, the same has been compared with the present syllabus (implemented form 2015-16 onwards), and the following outcomes have been materialized from their deliberations. First, it was decided that 13 papers will be offered as Core Courses similar to the present syllabus.

Prof. (Dr.) K.C.Baiju

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Analysis and Indian Economy were introduced as a replacement for Mathematics for Economic Analysis I & II, ~~Statistics~~ for Economic Analysis I & II and Indian Economy I & II. Further, Economics of Growth and Development, Regional Economics, Public Finance and Research Methodology were incorporated into the list of Core Courses and the final list of recommended Core Courses as follows:

Course Code	Courses	Credits
Semester - I		
EEC 5101	Microeconomic Theory I	4
EEC 5102	Macroeconomic Theory I	4
EEC 5103	Mathematics for Economic Analysis	4
EEC 5104	Economics of Growth and Development	4
EEC 5105	Indian Economy	4
Semester - II		
EEC 5201	Microeconomic Theory II	4
EEC 5202	Macroeconomic Theory II	4
EEC 5203	Statistics for Economic Analysis	4
EEC 5204	International Economics: Theory and Policy	4
EEC 5205	Regional Economics	4
Semester - III		
EEC 5301	Econometrics: Theory and Applications	4
EEC 5302	Public Economics	4
EEC 5303	Research Methodology	4
EEC 50--	Elective I	4
EEC 50--	Elective II	3
Semester - IV		
EEC 5401	Dissertation	6
EEC 50--	Elective III	4
EEC 50--	Elective IV	3
Total Credits		72

Second, the members of the board of studies rationalized the syllabus in terms of expurgated overlapping of subject content with in the module, between the module and among the core as well as elective papers. In addition, the content of the proposed courses were validated in according to the parameters of the NIRF criteria. The Core Course syllabus is approved by the Board of Studies as appended. The detailed syllabus of the elective courses proposed is to be approved by the Board of Studies. Then the compiled syllabus (Core and Electives) has to be placed in the forthcoming Academic Council of the Central University of the Kerala for approval.

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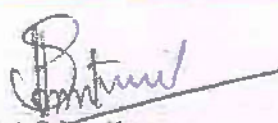
Elective courses offered shall be on the basis of availability of faculty specialization, workload, infrastructure and the logistics at the disposal of the department. Students will have to do at least one elective course as mandatory from other departments. While the elective courses selected and offered by the Department of Economics, special care may be taken to confine it with those departments having the reinforcing leverages to the students (Environmental Science, Geology, Public Administration, International Relations and Social Works) in their academic arena especially awareness building, ability to assess the relationship between their subject and electives and employability in a composite approach.

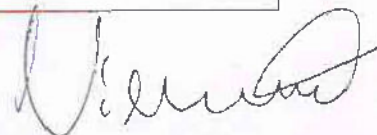
. Tourism Economics, Economics of Infrastructure, Economics of Insurance and India in the Global Economy are the new additions in the elective courses. Finalized 4 credits and 3 credits elective courses are as follows:

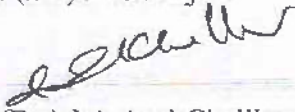
ELECTIVES COURSES


<u>Elective with 4 credits</u>	<u>Elective with 3 credits</u>
1. Industrial Economics	1. Monetary Economics
2. Advanced Econometrics	2. Population and Development
3. Agricultural Economics	3. International Political Economy
4. Health Economics	4. Gender and Development
5. Labour Economics	5. Economics of Education
6. Environmental Economics	6. India in the Global Economy
7. Financial Economics	7. Economics of Infrastructure
8. Institutional Economics	8. Finance and Capital Market
9. Tourism Economics	9. Decentralization and Development
10. Public-Private Partnership and Infrastructure	10. Economic Thoughts
	11. Welfare Economics
	12. Economics of Insurance



Prof. (Dr.) K.C. Baiju

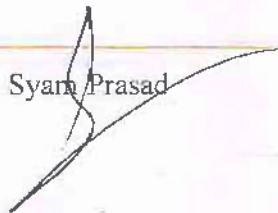

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Dr. Syam Prasad



Signature of the Board of Studies Chairman and Members

Sl. No.	Details	Name		Signature
1.	Head, Dept. of Economics, CUK.	Prof. (Dr.) K.C.Baiju	Chair Person	
2.	Subject Experts	Prof. (Dr.) S.Harikumar , Head, Dept. of Economics, CUSAT, Cochin, Kerala.	Members	
		Prof. (Dr.) Vishwanatha , Chairman, Dept. of Economics, Mangalore University, Mangalore, Karnataka	Members	
		Prof.(Dr.) J.A.Arul Chellkumar , Chairman, School of Economics and Financial Studies, Bharathidasan University, Tiruchirappalli, Tamil Nadu.	Members	
		Dr. Manju S Nair , Associate Professor, Dept. of Economics, University of Kerala, Trivandrum, Kerala.	Members	
3.	Faculty Member	Dr. P. Abdul Kareem , Associate Professor, Dept. of Economics, Central University of Kerala.	Members	
		Dr. Syam Prasad , Assistant Professor, Dept. of Economics, Central University of Kerala	Members	

Date: 14/12/2017

Place: Periya, Kasaragod.





केरल केंद्रीय विश्वविद्यालय
CENTRAL UNIVERSITY OF KERALA

(मंसद के अधिनियम, वर्ष 2009 द्वारा स्थापित / Established under the Act of Parliament in 2009)

No.CUK/ACA/AC Meeting /569/2018/

Dated, the 13th June, 2018

**Minutes of the 3rd Meeting of the IIIrd Academic Council held
on 1st June, 2018 at Conference Hall, Periyar Campus**

The Vice Chancellor welcomed all the members to the meeting. In his introductory remarks it was mentioned about the successful conduct of inauguration of the newly built Campus Buildings of the University by Hon'ble Vice President of India, Shri. Venkaiah Naidu along with other dignitaries on 29th April 2018. He stressed the urgent need to move to the permanent academic buildings. He also mentioned the sad state of affairs leading to the dismissal of 05 students from the Hostel and one student from the University due to their misbehaviour violating hostel and campus regulations stipulated by University.

The Vice Chancellor also announced that hereafter the monthly attendance of PG/UG Students will be send by the HoDs regularly to the Controller of Examinations.

Time table for exams should also be prepared in co-ordination with Controller of Examinations and in consistency with the Academic Calendar.

The Vice Chancellor expressed the need to avoid delay in conducting examinations/additional examinations.

He pointed out that it is imperative to hold external evaluation as a part of valuation.

3:03:01 Approval of the minutes of the last Academic Council-reg:-

The Minutes of the last Academic Council (23.08.2017) was approved. Question was raised about the recognition of GIFT and MCC. It was replied that the Committee constituted for the purpose has not yet submitted the report. The Vice Chancellor has directed the committee to submit its report as early as possible.

3:03:02 Approval of the Action Taken Report- reg:-

The ATR of the last Academic Council Meeting decisions were approved.

3:03:03

(i) Counting past Services for direct Recruitment and promotion for teacher Reg.

Detailed deliberation was made on the subject. A committee is constituted for the purpose with Prof.(Dr.) K.C. Baiju, Chairman, Prof. (Dr.) K. Jayaprasad, Dr. Mohammedunni Aliaz Musthafa, Dr. Amruth .G. Kumar, Dr. Joseph T.J and Shri. Jayakrishnan (AR Admn.). The report of the committee was considered by Academic Council

Decision:

The report of the committee has been approved. The members have pointed out that the experience of state funded research institutions and industry experiences may be counted. It has been resolved that this issue may be referred to the committee, which may consider the issue and submit the report to next Academic Council for its consideration.

3:03:04

Swachhata - Action Taken - Reg.

The committee has considered the matter and suggested committee to prepare Action Plan for 'Swachhata' immediately and submit to UGC. It was also suggested to propose credit based curricular activities for the students of CUK in 'Swachhata'.

3:03:05

Approval of BoS Meeting Minutes and revised syllabus for the Academic year 2018- reg:-

The Academic Council has approved the BoS Meeting Minutes and revised Syllabus of the following Departments with the following suggestions:

(i) Economics

Approved with 01 Elective as inter-disciplinary as insisted by the earlier Executive Council.

(ii) Law

Approved the restructuring of courses on LLM. NRI Law has been proposed for introduction as Diploma Course. The Vice Chancellor specially appreciated the effort of Dept. of Law in launching Diploma programmes.

(iii) Public Administration and Policy Studies

The Academic Council unanimously decided to change the existing interdisciplinary course entitled : Governance in Kerala: Innovations and Experiments (Course Code 425) with a new course " Rural Governance in Kerala". The Academic Council also approved the



Course Code	EEC 5203	Semester	II
Course Title	Statistics for Economic Analysis		
Credits	4	Type	Core

Course Description

This course is aimed at introducing the students of economics to certain basic concepts and **techniques in statistics** which are considered to be Very useful to an understanding of economics. This course is intended to give an idea on fundamentals of sampling Distribution and inferential statistics with its applications and expose students to **the basic skills in sampling and statistical estimation**

Course Outcome

By the end of the course, students are expected to be able to:

- Evaluate advanced theories in the statistics
- Teach applications of statistics in Economics
- **Training in Statistical Packages in STATA and SPSS**
- Enabling the students for data analysis and creating employability

Course Structure

Module1: Elements of Probability

Set Theory-Principles of Counting-concept of factorial-permutation and combinations-event-random excise-simple probability-joint probability-conditional probability-bayes theorem-cumulative Distribution Function-Mathematical Expectation-theorems of expectation-theory of variance

Module 2: Understanding Distribution

Discrete and continuous Distribution- Theoretical distribution of Binomial, Poisson and Normal distributions; Log normal Distribution, Pareto Distribution, Chi-square distribution – F distribution sampling distribution of a statistic-law of statistical regularity-inertia of large number-central limit theorem- Testing Normality.

Module 3: Theory of Estimation

Concept of estimation-estimator-types and properties-point and interval estimation-standard errors of estimators-confidence limits for a population parameter

Module 4: Inferential statistics

Formulation of statistical hypothesis – Null and alternative hypothesis; Goodness of fit; Confidence intervals and level of significance-one tailed and two tailed test-Types of Errors; Type 1 and Type 2 errors. Hypothesis testing based on Z, t, F, Chi-square) for both large and small samples and F tests-ANOVA- Practical Exercises

Module 5: Non-Parametric Methods

Definition-non parametric data-concept and use-tests for non-parametric Data-Lickert Scale, Sign Test, Kusker value, Kendall's Coefficient of Concordance - practical exercises

Testing & Evaluation

Internal Evaluation consisting of Presentation, Assignment, Mid term exam and final end semester examination.

Readings:

- Speigal. M.R. (1992), Theory and Problems of Statistics, McGraw Hill, London.
- Croxton, Frederick E., Dudley J. Cowden and Sidney Klein (1988): *Applied General Statistics*, Prentice-Hall of India Private Ltd., New Delhi.
- Hamilton, Lawrence C. (1990) *Modern Data Analysis: A First Course in Applied Statistics*, Brooks/Cole, California.
- Anderson, Sweeney, and Williams, Statistics for Business and Economics, 8e, CENAGE learning, 2010
- Marsh, Catherine (2009) *Exploring Data: An Introduction to Data Analysis for Social Scientists*, Polity Press, UK, Second Edition
- Myatt, Glenn J. (2007): *Making Sense of Data: A Practical Guide to Exploratory Data Analysis and Data Mining*, Wiley-Interscience, New Jersey.
- Nagar, A.L. and R. K. Das (1987) *Basic Statistics*, Oxford University Press, New Delhi.
- Sanders, Donald H. (1990): *Statistics: A Fresh Approach*, McGraw-Hill Publishing Company, New York.
- Myles Hollander, Douglas A. Wolfe, Eric Chicken (2013) *Nonparametric Statistical Methods*, Wiley