Minutes of the Special Meeting of the Board of Studies held on 16.01.2020

A special meeting of Board of Studies of the Department of Economics was held on 16.01.2020 at 12:30 a.m in the office of the Chairperson.

The following were present:

1. Prof. Nisar A. Khan
2. Prof. Syed Noman Ahmad (In the Chair)
3. Prof. Shehroz A. Rizvi
4. Prof. Zeba Sheereen
5. Prof. Md. Tarique
6. Dr. Mohammad Asif
7. Dr. Shaukat Haseen
8. Dr. Mohd. Azam Khan
9. Dr. Dastgir Alam
10. Dr. Md. Firdos Ahmad
11. Dr. Shirin Rais
12. Dr. Abdul Azeez N.P
13. Dr. Md. Zulquar Nain
14. Dr. Amir Rehmani
15. Prof. S. Zainuddin (Assigned Member)

The following agenda was taken up for discussion.

1. Allocation of Teaching of BA II, IV and VI Semester and MA II & IV Semester 2019-20

The BOS approved Allocation of Teaching Work for B.A. II, IV & VI Semesters and M.A II & IV Semesters 2019-20. (APPENDIX –A)


The BOS considered and approved PhD. Topic and Title of Papers for Ph.D course work of Elhamuddin Safi (2018-19 Admission). (APPENDIX-B)

3. Revision of Ph.D. Course work Syllabus (Research Methodology).

The BOS considered & Approved revision of Ph.D course work of paper I Syllabus (Research Methodology). (APPENDIX-C)

The meeting came to an end after transacting the said business.

(Prof. Syed Noman Ahmad)
Chairperson
23/1/16
Course Objective:
The objective of this paper is to enable the students to know the major concepts and methods in research methodology and econometric models. This expected to the research scholars prepare for the research ahead.

Course Outcome: On successful completion of the course students will be able to:

1. Develop an understanding and applying various kinds of research, objectives of doing research, research process, research designs and sampling methods.
2. Search for and prepare a literature and research questions.
3. Applying knowledge to formulate and choose appropriate research hypothesis.
4. Apply and estimate appropriate models by using tools
5. Develop skills to analyze and organize empirical results and writing research report.
6. Understanding of the ethical dimensions of conducting research.

Unit-1 Nature, purpose and limitations of scientific research, Types of research, Deductive and Inductive approaches, Review of literature, Formulation of research problem-identification, conceptualization and operationalization of the problem, Preparation of research design- Exploratory, descriptive and hypothesis testing; Development of working hypotheses, Hypothesis testing, interpretation and generalization.

Unit-2 Types and Sources of data: Methods of primary data collection- Observation, FGD, computer assisted and interview; Drafting of questionnaire and schedule, Estimation of Reliability and Validity. Sampling design & techniques, Sampling and non-sampling errors, Errors in field data collection. Measurement and scaling techniques- Likert, Thurston and Guttman scaling techniques. Data Compilation: Editing, Coding, Classification and Tabulation.

Unit-3 Linear Regression Model: Bivariate and Multivariate; Assumptions, Estimation (OLS methods), Analysis of variance approach and its application in regression analysis. Tests of significance and coefficient of determination; Problems in Regression Analysis: Nature, test, consequences and remedial steps of problems of heteroscedasticity, multicollinearity and auto-correlation; Estimation of non-linear equations; Dummy variables and their uses; Binomial Models: The Logit, Probit and Tobit models - Applications.

Unit-4 Distributed Lag Models- Kyock, Partial Adjustment and Adaptive Expectation models; Time Series Analysis; Stationarity, Unit roots, Co-integration-spurious regression, Dickey-Fuller test, Engle-Granger test, Random walk model, Error correction mechanism, Causality tests: Granger and Sim’s tests. ARIMA model; Vector autoregression; Problems with VAR modelling – Applications.

Unit-5 Types of Report, Research report- Structure and components, Criteria of Good Research Report, References and Bibliography (APA Style), Ethical issues related to research, Concept of Falsification, Plagiarism- types and detecting methods.
Data Analysis using MS Excel, SPSS and E-views.

Approved by BOS in its meeting held on 16.01.2020
Readings:
2. Kothari. C.R. Research Methodology
4. Ghosh. B.N., Scientific Methods and Social Research
12. Yamane, T., Statistics: An Introduction Analysis
18. Alexis Leon and Mathews Leon: Introduction to Computers with Ms-Office, TMH.
19. Asthana and Braj Bhushan: Statistics for Social Sciences (with SPSS applications), PHI.

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