



UNIVERSITY OF KARACHI

BS Programmeme
2012

Department of Economics
University of Karachi

Self Assessment Report

Submitted to:
Quality Enhancement Cell
University of Karachi

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The Department of Economics, University of Karachi

Introduction

The Department of Economics is the largest Department in the faculty of Arts of the University of Karachi. The Department was set up in the early fifties at the old city campus and later shifted to the present premises in 1960. Professor Newman Joseph Dams of American origin was the first chairman of the Department. For the academic stance in the teaching and research of economic theory, the Department of Economics is recognised as one of the premier departments of the country. The Department also has the honour in offering admissions in the BS, BSC\BA honours, M.A\M.S.C and M.S\M.Phil PhD Programmes. The Department runs these leading Programmes with the help of 18 faculty members of which 14 are full time and 4 are visiting teachers. The Department has fully equipped computer lab and a seminar library to assist undergraduate, graduate and postgraduate students in their studies and quest for research.

CRITERION-1

PROGRAMME MISSION, OBJECTIVES AND OUTCOMES

Criterion-1 Programme Mission, Objectives and Outcomes

Institutional Mission

“The mission of the department of economics is to develop the thinking ability of the students in such a way that they can carry out innovative and problem solving theoretical and empirical research in the field of Economics, alongwith to prepare the students to meet the market challenges in public and private sector.”

Programme Mission- BS Programme

“The mission of the BS Programme in Economics is to develop analytical expertise in students in such a manner that they could face professional challenges successfully and contribute productively in employer’s organization.”

Standard 1-1: The Programme must have documented measurable objectives that support college and Institution mission statements.

Aims and Objectives of the BS Programme

1. To impart the intensive knowledge of economic theory and equip the student with key concepts in economics.
2. To develop analytical and critical thinking among students needed to appraise economic theory.
3. To equip the students with various research methods and their use in the study of economics and finance.
4. To enhance the level of students in applied research by inculcating skills necessary to raise and work out research questions pertinent to economic problems of Pakistan.

Table: Programme Objectives Assessment

S. No.	Objectives	How Measured	When Measured	Improvement Identified	Improvement Made
1.	To impart the intensive knowledge of economic theory and equip the student with key concepts in economics.	Student course evaluation survey	2012	Lack of relevance in the economic theory taught at class rooms with day to day economic problems.37.5 % deficiency is reported in survey.	Course restructuring has been emphasized in the departmental meetings ; work is in progress
2	To develop analytical writing skills critical for scripting Reports, research articles and thesis.	Student course evaluation survey	2012	Thesis writing is not encouraged at master's level.	Master 's thesis will be encouraged from next semester,work shops on writing skills are also in pipeline
3	To equip the students with various research methods and their use in the study of economics and finance.	Student course evaluation survey	2012	Absence of data analysis practices in line with material taught at class rooms, unavailability of statistical bulletin, data periodicals and research reports.	Two computer labs equipped with data analysis softwares ;SPSS,Eviews, have been recently established
4	To enhance the level of students in applied research by inculcating skills necessary to raise and work out research questions pertinent to economic problems of Pakistan.	Student course evaluation survey	2012	Unavailability of up to date reading material;books,manuscripts, Research Thesis's copies and research journals .40% students also showed their opinion on this deficiency in the survey.	A committee comprising 5 of the faculty members has been set up to review the current needs for books and other research material ;work in progress

Standard 1-2: The Programme must have documented outcomes for graduating students. It must be demonstrated that the outcomes support the Programme objectives and that graduating students are capable of performing these outcomes.

PROGRAMME OUTCOMES- BS PROGRAMME

1. Students develop the skills necessary to appraise economic theories and concepts.
2. Students learn to make adequate use of various research tools to study economic problems.
3. Students learn the art of writing a term paper or Master's thesis.

Standard 1-3: The results of Programme's assessment and the extent to which they are used improve the Programme must be documented.

Strengths and Weaknesses of the BS Programme

I. Strengths

- Highly qualified faculty is part of the Programme
- Two State of the art computer labs are provided
- More intensive courses are included
- Research work is emphasised at undergraduate level

II. Weaknesses

- Lack of coordination between course contents taught at the BS level and job market needs.
- Lack of research journals, statistical bulletins, relevant books and other relevant research material at the library

III. Actions Taken

- The need for syllabus revision at the BS level has been considered seriously at a departmental meeting. A committee comprising senior faculty members of the department has been constituted to review and revise the syllabus in the shortest possible time.
- A committee comprising senior faculty members has been also set up to suggest the purchase of books, journals and other research support material.

IV. Future Development Plans

- Implementation of the revised syllabus plan.
- Availability of data, research articles and magazines in the seminar library.
- Masters's thesis will be encouraged.
- Workshops and conferences will be held in collaboration with industry.

Standard 1-4: The department must assess its overall performance periodically.

a) Student Enrolment

Year	BS
2011	370
2010	429
2009	345

b) Student/Faculty Ratio

- 75.43 Students per teacher, calculated by taking the total number of B.S, MS, PhD students in the year 2011. This calculation excludes number of students taking economics as a subsidiary course and majoring in other disciplines.
- **Time for B.S in Department** Four years

c) **The average student grade point** (CGPA) 3.0

d) **Student/Faculty Satisfaction** Work in progress

e) **Research Activities**

- The Department presently comprises four PhD faculty members of which two are Full Professor and Associate Professor. The rest of the faculty is enrolled in M.Phil/PhD studies in the Pakistan and the foreign universities. The total research output is unsatisfactory and it is anticipated that after completion of the M.Phil/Ph.D studies by its faculty members, the department shall be able to enhance its research output.

CRITERION-2

CURRICULUM DESIGN AND ORGANIZATION

Criterion-2 Curriculum Design and Organization

B.S Degree Programme

The Department of Economics offers admissions in B.S Programme in both morning and evening shifts. The B.S Programme is a four years degree Programme. During the first two years of B.S Programme, students are imparted with some basic knowledge of economic theories and research tools used in economic analysis. In the third and fourth year, students study more intensive courses in economic theory and research methodlog.

COURSES & SYLLABUS

BS First year

311 Microeconomics

This is an introductory course that aims at imparting knowledge with students over some basic concepts and microeconomic theory .the course enables students to relate the fundamentals of economic theory with economic issues. The topics covered include: problems in allocation of economic resources, models of consumer behavior, production theory, introduction to concepts of costs and market structures

312 BasicMaths

This course is designed to equip students with some knowledge of mathematical tools used in economic analysis so that they can comprehend the economic reasoning with mathematical precision.

301 Microeconomics

This introductory economic course that aims at imparting knowledge with students majoring in other disciplines over some basic concepts and economic theory in such a way that they can use the knowledge to understand the interdisciplinary linkages in theory and practice.the topics covered include:problems in allocation of economic resources,models of consumer behavior, production theory ,introduction to concepts of costs and market structures.

302 Basic Math

This course is designed to equip students with some knowledge of mathematical tools used in economic analysis so that they can comprehend the economic reasoning with mathematical precision.the topics covered include:uses of mathematics in economics,essentials of mathematical ,simultaneous equations ,economic application of linear algebra and elementary calculus.

BS second year

401 &411 Macroeconomics

This is one semester course that aim at enabling students to understand principal concepts of macroeconomic theory, macro related issues and macroeconomic policies. The topics covered include: concepts of national income, national income determination in the closed and open economies, theories of consumption and investment, employment concepts, theory of money and interest and theory of inflation.

402 &412 Pakistan Economics

This course enables students to understand fundamental economic issues, challenges and strategies to resolve issues at macro and micro levels in the economy of Pakistan. Also the course aims at looking into economic problems of the economy of Pakistan in historical perspective so that a clear understanding about economic issues can be built, topics covered include: fundamental economic problems of Pakistan in historical and current perspectives, sectoral composition of national income in Pakistan, short term and long term economic plans, budget analysis, performance appraisal of financial institutions, role of economic policies in stabilization of the economy.

421 International Trade and Finance

This is one semester course designed for students majoring in economics with the objective to enable them to understand trade and finance related concepts and issues. The topics covered include: gains from, economies of scale, imperfection and international trade, foreign exchange markets, balance of trade, international investment and foreign trade.

422 Money and Banking

This is one semester course for students majoring in the field of economics. The course enables students to understand fundamentals of the theory of money, banking, and financial institutions. Topics covered include: the gold standard, theories of money demand and money supply, the relationship between money supply and overall economic activity, the theoretical and practical aspects of monetary policies and money creation, the structure of state bank of Pakistan and its functions.

BS Third Year

511-512 Microeconomics

This is two semester course that aims at enabling students to analyze the decision making process faced by the households and the firms and the formation of price in specific market structures. Also the course develops an understanding of the practical implementation of these theoretical structures. The topics covered include: scope and methodology, theory of consumer behavior, theories of production and costs, theory of markets, theory of income distribution, general equilibrium and welfare economics, risk and uncertainty, social choice and moral hazard.

521-522 Macroeconomics

This is two semester course designed for imparting in-depth knowledge of macroeconomic theory with special emphasis on classical and Keynesian perspectives of consumption, income, interest,

employment and prices. The course also aims at imparting up to date knowledge over issues and policies in such a way that students develop full understanding about theoretical contents of recurring macro economic issues in this fast growing globalized economy .the topics covered include:basic concepts of national income,classical macroeconomic system,keynesian macroeconomic system,newclassicl theory of aggregate supply ,the new Keynesian theory of aggregate supply ,business cycles and growth models.

531-532 Advance Statistics for Economics

This is two semester course designed for students majoring in economics with the objectives to build in depth understanding of the information extracted from the data on micro and macroeconomic variables.The topics covered include:types of data,measures of central tendency and dispersion ,index numbers,sampling distributions,elements of probability,probability distribution,statistical inference,correlation and regression,time series components of data.all topics are covered with practicals on excel ,Matlab and SPSS.

541-542 Public Finance

This course in public finance has two major sections, public sector expenditure and public sector revenue. The expenditure side is covered in the first semester and the rest in the second semester. In both semesters heavy use of microeconomics is made. The course demands on students to have a good familiarity with consumer theory, theory of cost and the market structure.the topics covered include:governments at a glance,efficacy conditions and social welfare maximization,rationale for government intervention,public expenditure,externalities,project evaluation,principles of taxation,tax incidence theory,tax and household decisions,excess burden and efficient tax design,fiscal federalism,tax structure of Pakistan.

551-552 Economic Planning

This is two semester course designed for students majoring in economics.the topics covered include:development and planning,input and output analysis,planning tools,theories of economic development,growth models and planning in Pakistan.

BS Fourth Year

Compulsory Courses

601-602 Monetary Economics

This is two semester compulsory course.The topics covered include:functions of money,basic monetary propositions,modern analysis of expenditure,income and prices,monetary expansion and inflation,interest rates,commercial banks as creators of money,monetary policy,open economy and monetary policy.

611-612 International Economics

This is two semester compulsory course designed for students majoring in economics.The course aims at enabling students to understand the economic reasoning of international trade of goods,services and capital.The topics covered include:gains from trade,trade models ,economies of scale,imperfection and international trade,growth and trade,role of commercial policy in trade,foreign exchange markets,balance of trade,international investment and foreign trade.

**SEMESTERWISE SECHME OF COURSES
B. S. FOUR YEAR DEGREE PROGRAMME IN ECONOMICS**

FIRST YEAR

I SEMESTER

II SEMESTER

C. No.	Course Title	C. No.	Course Title
311	Microeconomics	312	Basic Math
301	Microeconomics	302	Basic Math
300.1	Islamic Studies	300.2	Pakistan Studies
300.1	English	300.2	Urdu/ Sindhi/ Natural Science

SECOND YEAR

III SEMESTER

IV SEMESTER

411	Macroeconomics	412	Pakistan Economics
402	Macroeconomics	402	Pakistan Economics
421	Money and Banking	422	International Trade and Finance

THIRD YEAR

V SEMESTER

VI SEMESTER

C. No.	Course Title	C. No.	Course Title
511	Microeconomics - I	512	Microeconomics - II
521	Macroeconomics -I	522	Macroeconomics - II
531	Advance Economic Statistics -I	532	Advance Economic Stataistics-11
541	Public Finance-1	542	Public Finance-II
551	Economic Planning-I	552	Economic Planning -II

FORTH YEAR**VII SEMESTER****VIII SEMESTER**

Compulsory Courses			
C. No.	Course Title	C. No.	Course Title
601	Monetary Economics -I	602	Monetary Economics-II
611	International Economics -I	612	International Economics -II
Optional Courses			
C. No.	Course Title	C. No.	Course Title
631	Econometrics -I	632	Econometrics-II
641	Mathematical Economics-I	642	Mathematical Economics
681	Management Economics-I	682	Management Economics-II
618.1	Human Resource Management-I	618.2	Human Resource Management-II
671	Development Economics -1	672	Development Economics-II
	Islamic Economics-I		Islamic Economics- II
661	Agriculture Economics -I	662	Agriculture Economics-II
621	Labour Economics-I	622	Labour Economics-II
	Applied Econometrics-1		Applied Econometrics-II
615.1	Stabilization policy -I	615.2	Stabilization policy-II
616.1	National income accounting -I	616.2	National income accounting-II
691	Comparative economics-I	692	Comparative Economics-II
	History of Economic Thought-I		History of Economic Thought-II
	Industrial Economics-I		Industrial Economics-II
	Urban Economics-I		Urban Economics-II
	Transport Economics-I		Transport Economics-II
	Health Economics -I		Health Economics-II
	Operational Research-I		Operational Research-II

Standard 2-1: The Curriculum must be consistent and support the Programme's documented objectives

The following Table manifests how the Programme content (Courses) meets the Programme Objectives.

Courses	Programme's Objectives			
	1	2	3	4
Major Courses	311,411,511,512,521, 522,531,532,541,542,601, 602,611,612,	541,542,551,552, 601,602,611,612	312,531,532	412,551,552 ,521,522
Elective Courses	6151,6152,661,662, 671,672,621,622,	6181,6182, 681,682,671,672	631,632,641,642	621,622,6181,6182 ,6151,6152,
Practical (Field and Lab)	-	-	531,532,631,632	681,682,6181,6182
Thesis/Dissertation	-	-	-	-

Standard 2-2: Theoretical background, problem analysis and solution design must be stressed within the Programme's core material.

The following table indicates the elements covered in core courses:

Elements	Courses
i) Theoretical Background	511,521,512,522,601,602,541,542,601,611,602,612
ii) Problem Analysis	531,532,631,632,511,512,521,522,6151,6152,681,682
iii) Solution Design	681,682,6181,6182,511,512,521,522,601,602,631,632,531,532

Standard 2-3: The curriculum must satisfy the core requirements for the Programme, as specified by the respective accreditation body.

&

Standard 2-4: The curriculum must satisfy the major requirements for the Programme, as specified by the respective accreditation body/council.

The Department of Economics follow HEC requirement for B.S degree Programme as per approved by academic council, competent authority and statutory body.

Standard 2-5: The curriculum must satisfy the general education, arts and other discipline requirements for the Programme as specified by the accreditation body.

The Department follows the Programme approved by the bodies including academic council.

Standard 2-6: Information technology component of the curriculum must be integrated throughout the Programme.

Course No 631,632,531,532 demands on students to make mandatory use of Microsoft Excel Programme and Econometric softwares.i.e E-Views, SPSS, Stata for empirical analysis of economic problems.

Standard 2-7: Oral and written communication skills of the student must be developed and applied in the Programme.

In course no 6181,681, Report Writing is manadatory, and writing a Term paper in each of the elective courses offered in the fourth year of B.S is also compulsory.

CRITERION-3

LABORATORY AND COMPUTING FACILITIES

CITERION-3: Laboratory and Computing Facilities

Laboratory Facilities

Not applicable

Computer Facilities

Teaching Faculty of the Department is having computers. The department has recently established two computer laboratories. These labs are fully equipped with modern econometric softwares i.e. EViews, SPSS, Stata and internet facility for the students. Yet the two labs and available computers are not sufficient to cater the needs of students.

Standard 3-1: Laboratory manuals/ documentation instruction for experiments must be available and readily accessible to faculty and students

Not applicable

Standard 3-2: There must be adequate support personnel for instruction and maintaining the laboratories

At present, the department is in the dire need of more labs, authorised license for the use of softwares and a server.

Standard 3-3: The University computing infrastructure and facilities must be adequate to support Programme's objectives

I. Computing Facilities

The Department of Economics has recently established adequate computer facilities and hired administrative staff to support its faculty, students and staff in their academic and administrative activities. The two computer lab can accommodate 50 students at a time

II. **Multimedia**

The Department Economics has four multimedia and three overhead projectors.

III. **Website**

There is an informative web page about the Department of Economics on the Karachi University's website(<http://www.uok.edu.pk>)

IV. **Internet**

Internet facility and a connection with main communication network of the University are available at the department's computer.

CRITERION-4

STUDENT SUPPORT AND ADVISING

Criterion-4 Student Support and Advising

The Department of Economics provides adequate support to its students to complete the Programme in a timely manner. The course instructors hold very often meetings with students and provide them needed help in studies. For student counselling and career development, Ms Robina Hasan (Assistant Professor) and Ms Saba Masood (Senior Lecturer) are serving as student advisors and are available at department.

Standard 4-1: Courses must have been offered with sufficient frequency and number for students to complete the Programme in a timely manner.

The department offers B.S Programme in both morning and evening shifts. The department has its own time table for the graduate Programmes. The time table is strictly followed to complete the Programme well in time. In case of unforeseen events, extra classes are arranged to complete the syllabus.

Programme	Classes per Week	Practical Classes per Week	Research Guidance
B.S	-	-	-

Standard 4-2: Course in the major must be structured to ensure effective interaction between students, faculty and teaching assistants.

Courses are allocated in the meeting of the faculty members. The restructuring of existing courses, need for new courses and contents are discussed at length in every meeting and guidelines are drawn for further improvement. The chairperson presides over the meeting.

Standard 4-3: Guidance on how to complete the Programme must be available to all students and access to academic advising must be available to make course decisions and career choices

- The Chairperson of the Department nominates two faculty members as 'Students Advisors' who are available to all students. They advise students on course selection and career choices. The Chairperson also help to the students who have recently passed out about the career opportunities available for them. Besides, the department's assistance, the University also has a Programme of Guidance and Counselling for the students.
- The Chairperson places on the Notice Board the opportunities regarding internships in technical and professional organizations.
- The Chairperson places on the Notice Board the opportunities for research in various fields and participation in conferences and seminars.

CRITERION-5

PROCESS CONTROL

Criterion-5: Process Control

Standard 5-1: The process by which students are admitted to the Programme must be based on quantitative and qualitative criteria and clearly documented. This process must be periodically evaluated to ensure that it is meeting its objectives.

Eligibility

As per approved by the Academic Council.

EVALUATION & GRADING SYSTEM:

As per University rules.

Rules Concerning the Promotion and Repetition

As per University rules.

Standard 5-2: The process by which students are registered in the Programme and monitoring of students progress to ensure timely completion of the Programme must be documented. This process must be periodically evaluated to ensure that it is meeting its objectives.

The Central Admission Committee sets eligibility criteria for students seeking admission in BS Programme at department of Economics.

Standard 5-3: The process of recruiting and retaining highly qualified faculty members must be in place and clearly documented. Also processes and procedures for faculty evaluation, promotion must be consistent with institutional mission statement. These processes must be periodically evaluated to ensure that it is meeting with its objectives.

Appointments of the faculty are made as per HEC criterias, also approved by the University Syndicate.

Appointments/ Promotion Procedure

Basic Pay Scale (BPS)

Appointments are based on HEC rules given below.

a. Lecturer (BPS- 18):

Minimum Qualification

Master's Degree (first Class) in the relevant field with no 3rd division in the Academic Career

from HEC recognized University/Institution. During the next two years (i.e. until June 30th, 2008) if no candidate is available without 3rd division in the academic record, then the University may forward the case for appointment of a selected candidate to the HEC for consideration and approval. No experience required .

b. Assistant Professor (BPS- 19):

Minimum Qualification

Ph.D. in the relevant field from HEC recognized University/Institution, No experience required.

OR

Master's Degree (foreign) or M.Sc (Hons). (Pakistan) in the relevant field from HEC recognized University/Institutions, with 4 years teaching/research experience in a recognized university or a post-graduate Institution.

c. Associate Professor (BPS- 20)

Minimum Qualification

Ph.D. in relevant field from HEC recognized University / Institution.

Experience

10-years teaching / research in HEC recognized University or a post-graduate Institution or professional experience in the relevant field in a National or International Organization.

OR

5-years post Ph.D. teaching/research experience in HEC recognized University or a post-graduate Institution or professional experience in the relevant field in a National or International Organization.

Minimum Number of Publications

8 research publications (with at least 2 publications in last 5 years) in international Journals recognized by the HEC.

d. Professor (BPS-21)

Minimum Qualification

Ph.D. from HEC recognized Institution in relevant field.

Experience

15-years teaching / research experience in HEC recognized University or post-graduate Institution or professional experience in the relevant field in a National or International Organization.

OR

10-years post-Ph.D teaching/research experience in a recognized University or a post post-graduate Institution or professional experience in the relevant field in a National or International Organization.

Minimum Number of Publications

12 research publications in internationally abstracted Journals recognized by the HEC.

Bases for Appointments / Promotions

Four main areas where a candidate is evaluated for Tenure Track Scheme;

- Teaching
- Research
- Service
- Personal Characteristics

General Criteria for Appointment on TTS

All faculty members in any discipline are eligible to apply for appointment provided they fulfill the following minimum eligibility conditions;

a. Assistant Professor

Minimum Qualification

PhD from a recognized University with excellent communication/presentation skills.

b. Associate Professor

Minimum Qualification

PhD with 6 years post - PhD teaching / research experience in a recognized University.

Minimum Number of Publications

10 research articles published in journals having impact factor.

c. Professor: Minimum Qualification

PhD with 11 years post-PhD teaching / research experience from a recognized University.

Minimum Number of Publications:

15 research articles published in journals having impact factor.

Faculty Evaluation Process

University rules are applied.

Standard 5-4: The process and procedure used to ensure that teaching and delivery of course material to the students emphasizes active learning and that course learning outcomes are met. The process must be periodically evaluated to ensure that it is meeting its objectives.

1. Process to ensure teaching and delivery of course material:
 - a. Time table is strictly followed by all faculty members
 - b. Chairperson of the department frequently gets feed back from the students during the semester.

Standard 5-5: The process that ensures that graduates have completed the requirements of the Programme must be based on standards, effective and clearly documented procedures. This process must be periodically evaluated to ensure that it is meeting its objectives.

- The Department ensures that the graduates are punctual and fulfil the attendance requirement i.e. 75%.

CRITERION-6

FACULTY

Criterion-6 Faculty

Faculty members of the department of Economics are capable in teaching Economics and research. They have the necessary technical depth to support the Programme. Teachers attempt to cover the curriculum adequately and in case of need hold extra classes.

Standard 6-1: There must be enough full time faculty who are committed to the Programme to provide adequate coverage of the Programme areas / courses with continuity and stability. The interest of all faculty members must be sufficient to teach all courses, plan, modify and update courses. The majority must hold a Ph.D. degree in the discipline.

The department of Economics is currently having the services of 11 full time and 4 part-time teachers. All are qualified to teach BS Courses.

Standard 6-2: All faculty members must remain current in the discipline and sufficient time must be provided for scholarly activities and professional development. Also, effective Programmes for faculty development must be in place.

- a) Faculty members of the department of Economics are considered current in the discipline based on the following criteria:
 - i) All teachers meet the HEC criteria for appointment in the respective cadre.
 - ii) Teachers generally participate in seminars, conferences at National / International levels.
 - iii) Teachers take interest in teaching and involve themselves in research.

b) Faculty development Programme at department level

- I. University of Karachi has started Faculty Development Programme with the help of HEC. Under this Programme non-Ph.D faculty are given opportunities to improve their qualification from technologically advanced countries of the world. Further, Post-Doc facilities will be available to the faculty holding Ph.D degrees. The University also helps to organize professional activities such as workshops, seminars and conferences.

Standard 6-3: All faculty members should be motivated and have job satisfaction to excel in their profession

To help the faculty of department of Economics in their pursuit to excel in their profession, the department and institution has devised the following strategies:

- i) The department ensure fair, timely selection, appointment/promotion as per HEC criteria
- ii) Good working environment exists for research in the fields of Economics.
- iii) Opportunities of higher studies in national and foreign universities are also made available to the faculty members.

CRITERION-7

INSTITUTIONAL FACILITIES

Criterion-7 Institutional Facilities

Institutional facilities, including library, class rooms and offices are not adequate enough to support the objectives of the Programme. The Department is in the dire need of the infrastructure that should include an appropriate building, more computers, more financial support for library to meet with the objectives of its Programmes.

Standard 7-1: The Institution must have the infrastructure to support new trends in learning such as E-learning.

Departmental library and Internet Facility

At present, two computer labs are maintained and managed. Internet facility and a connection with main communication network of the University is also available but still Department does not meet with the demands of students as the size of facilities relating E-learning is much smaller than the number of students enrolled in BS Programme at Department. Hence, the Department needs full time lab attendants, authorized softwares, UPS and other facilities/ services to support its faculty and students.

Standard 7-2: The library must possess an up-to-date technical collection relevant to the Programme and must be adequately staffed with professional personnel.

Main Library

Faculty members and students of the department have privilege to use the main library even after normal working hours. The main library provides the following services;

- i. Course books
- ii. Digital library of LEG institute having access to journals and E-books

Seminar Library

The Seminar Library has a good number of text books. However; the seminar library needs to be available with national and international statistical bulletins, periodicals, and research reports, national and international research journals on urgent basis.

Standard 7-3: Class rooms must be adequately equipped and offices must be adequate to enable faculty to carry out their responsibility.

Class Rooms

The Department of Economics does not have adequate number of class rooms as presently only five rooms are available for teaching .The shortage of rooms has constrained the use of computer labs in morning especially as labs are also used as lecture rooms. The Department has white boards, black boards, overhead projectors and multimedia.

Faculty Offices

The Department of Economics is short of space to adequately accommodate its faculty and administrative staff. A Separate office for visiting faculty and for Ph.D students is required.

CRITERION-8

INSTITUTIONAL SUPPORT

Criterion-8 Institutional Support

The institution's support and the financial resources for the Programme is not sufficient to provide an environment in which the Programme can achieve its objectives and retain its strength.

Standard 8-1: There must be sufficient support and financial resources to attract and retain high quality faculty and provide the means for them to maintain competence as teacher and scholars.

The financial resources for regular purchase of books are however limited which needs to be enhanced. The major financial source of the Department is the University of Karachi which allocates budget for the Department, whereas the University relies on HEC funding.

Standard 8-2: There must be an adequate number of high quality graduate students, research assistants and Ph.D. Students

Degree Programme	Years		
	2009	2010	2011
B.S	345	419	370

Standard 8-3: Financial resources must be provided to acquire and maintain library holding, laboratories and computing facilities.

The University of Karachi provides financial resources to maintain library and computing facilities. The department, however, is not having the separate fund of its own to maintain and upgrade its library and computing facilities. HEC is also requested to provide additional financial resources for further strengthening of this department.

Faculty CVs

Abdul Waheed

Abdul Waheed, is Associate Professor and Head of Department of the Economics, holds a PhD from International Development, Nagoya University, Japan. He also holds the honour of receiving IDE-JETRO's visiting Research Fellowship for the post doctoral research at the institute of developing countries, Tokyo, Japan in 2009 and Japan Society for the Promotion of Sciences (JSPS) fellowship for postdoctoral research at Nagoya University Japan in 2005. He possesses a vast experience of teaching in the national and international universities of excellence. He has presented research papers at various international conferences and has got more than 20 research articles published in HEC abstract national and international journals. He has supervised PhD and many M.Phil dissertations and has been involved in research projects at international level. He is member of various academic societies nationally and internationally. His areas of research include international trade, international trade policy and development, Economic Growth and financial Economics. awaheed@uok.edu.pk

Shafiq-Ur-Rehman

Shafiq-Ur-Rehman, is Professor at the Department the Economics, holds a PhD from university of Karachi.He possess 30 years of experience in teaching at Karachi university.he has also taught in various private sector universities in Karachi.he has published reseach articles in various journals and magzines of good repute.He has evaluated seventeen PhD and two M.Phildissertations.he has served as a chairman in the departmentof economics from 1999 to 2012.He has attended national and international conferences.His areas of interests include LabourEconomics,Microeconomics,Econometrics,quantitive Methods and human Resource Management. shafiqur@uok.edu.pk

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Mohammed Ali, is Assistant Professor at the Department the Economics, holds a M.Phil from MERIT-UNU/INTECH, University of Maastrich, the Netherlands and M.S.C with distinction from Department of Economics, Karachi University .He possess 21 years of experience in teaching at Karachi University.He has also taught in various private sector universities ,and has been consultant to international Design Group Limited, Karachi .He has published 10 reseach articles in various national and international journals ,and also published articles in magazines and newspapers. He has also presented papers in various national and international conferences and seminars.He has supervised independent research projects for various academic and non academic institutions.He has been active member of various academic committees at Department and University levels.His areas of interest include Microeconomics, Macroeconomics and Econometrics. smali@uok.edu.pk

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Lubna Naz

Lubna Naz, is a Senior Lecturer of Economics at the Department of Economics, University of Karachi, holds M.A from Department of Economics, Karachi University. She is currently PhD fellow at Pakistan Institute of Development Economics, Islamabad .She possess 4 years of Teaching Experience at S'josephCollege, Karachi and DHA College for Women, Defence, Karachi, and has 8 years of teaching experience at the Dpartment of Economics, KarachiUniversity.She has also been visiting faculty in various private sector Universities in Karachi and Islamabad. She has published reseach articles in various journals, magazines and newspapers.She has presentedresearch papers in various national and international conferences.She is active research fellow in the reseach projects of international Food and Policy Research Institute (IFPRI),Pakistan Institute of Development Economics,PIDE and Sustainable Policy Development Institute,Islamabad (SPDI).Her areas of interest include Microeconomics, MicroEconometrics, AgricultureEconomics, Economic Growth and Poverty. lubnanaz@uok.edu.pk

Survey Results