
QUALITY ASSURANCE

DEPARTMENT OF QUALITY ENHANCEMENT CELL

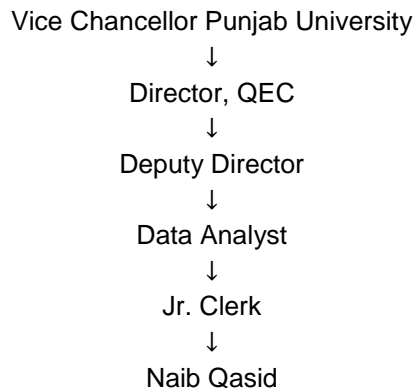
- **Quality Enhancement Cell**

- In recent years it has become an obligation that institutions of higher education demonstrate the effectiveness of their academic programs in providing high quality education that positively impacts students. Furthermore, most accrediting bodies and others concerned with quality assurance are requesting that institutions assess students learning outcomes as a means of improving academic programs. This has led the HEC to develop methods for assessing the quality of academic programs.
- **Assessment** is a systematic process of gathering, reviewing and using important quantitative and qualitative data and information from multiple and diverse sources about educational programs, for the purpose of improving student learning, and evaluating whether academic and learning standards are being met. The process culminates when assessment results are used to improve students learning. The **elements** of a successful assessment program include:-
 - Purpose identification
 - Outcomes identification
 - Measurements and evaluation design
 - Data collection
 - Analysis and evaluation
 - Decision-making regarding actions to be taken

- **Functioning of Quality Enhancement Cell at University of the Punjab:**

- As per directions of HEC, Quality Enhancement Cell was established at University of the Punjab in 2006. A separate office for the Director, QEC and other staff has been allocated in the premises of Institute of Quality & Technology Management, University of the Punjab, Lahore.
- The present structure of Quality Enhancement Cell at University of the Punjab is given as below:-

- **Structure of Quality Enhancement Cell at University of the Punjab:**



There are number of ways and means by which educational institutions are improving the quality of education. Self Assessment is one of them.

- **Self Assessment:**

- Self-assessment is an important tool for quality assurance and provides feedback for the management to initiate action plans for improvement and the same has been adopted at University of the Punjab. The data is collected by using self assessment manual for the purpose of self assessment of a particular academic program. Quality Enhancement Cell at Punjab University is continuously striving for implementation of SAM at departmental level. The silent features of self assessment are as under:-
 - It helps in maintaining and continuous enhancement of performance.
 - Enhancing effectiveness of the output
 - Verifying that the existing activities meet their objectives and institutional goals
 - Providing feedback for quality assurance

- **Self Assessment Procedure:**

Each academic program shall undergo a self assessment every year (assessment cycle. QEC is responsible for planning, coordinating and following up on the self assessment activities. The steps of the procedure for self assessment are as under:-

- QEC initiates Self Assessment exercise through the notification issued by the Vice Chancellor's office
- Department forms Program teams, who are responsible for preparing and generating Self Assessment Report (SAR)
- QEC reviews the Final SAR in one month to ensure that it is prepared according to the required format
- If SAR is declared complete by QEC it moves to next step, other wise it goes back to step 2
- Vice Chancellor forms Assessment Team (AT) in consultation with QEC
- QEC plans and fixes AT visits
- AT conducts assessment and presents its findings to QEC
- QEC submits the Executive Summary alongwith AT findings
- Department shall prepare and submit an implementation plan to QEC based on AT findings.
- QEC is also responsible for follow-up of corrective measures by different departments.

- **Components of Self Assessment Process:**

Criteria 1: Programme Mission Statements, Objectives and Outcomes

Criteria 2: Curriculum Design and Organization

Criteria 3: Laboratories and Computing Facilities

Criteria 4: Student Support and Advising

Criteria 5: Process Control

Criteria 6: Faculty

Criteria 7: Institutional Facilities

Criteria 8: Institutional Support

- **Impact of Quality Assurance in the University**

- Quality Enhancement Cell is developed in universities to have a focused attention on quality assurance aspect of Higher Education and to monitor the ongoing quality move in the University. The impact of quality assurance and the changes which it has brought in the University are outlined below:-
 - Created the awareness about self assessment, its procedures and implementation at departmental level.
 - Streamlined the development of curriculum for different programs.
 - Development of module files of Bachelors, Masters, M.Phil and PhD. degree programs.
 - Lesson plan and course material files are being maintained and are being distributed to the students.
 - Streamlined the educational processes i.e admission, registration and guidance to students, etc.
 - Focused on improving and maintaining the highest Academic Standards.
 - Prepared the departments for their Accreditation by Councils and other such bodies.
 - Helped to improve students' learning through student feedback (high standards of oral and written communication skills), alumni & employer surveys and changes, if required, in curricula (improvements to achieve academic excellence)
 - Identified the weaknesses about teaching & research through faculty survey.
 - It is agreed by all the stakeholders in higher education that Self Assessment Manual (SAM) is a great opportunity to enhance the level of education.
- The interest in Quality Assurance and SAM completion can be increased among different departments, firstly by clarifying the SAM and by increasing awareness; secondly, SAM is not a survey form but a complete course in management system. However, the implementation of quality assurance and SAM can only be effectively implemented in letter and spirit by the commitment of the Directors and Deans of all the faculties. The QEC is contributing in creating awareness by providing training in cluster of program teams.

- **Latest Status of QEC at University of the Punjab:**

- The following table shows that in Punjab University out of 70 departments; 36 departments have submitted their Self Assessment Report (SAR), out of which 14 have submitted their implementation plans.

▪ Total number of departments	70
▪ No of departments whose PTs formation completed	70
▪ No. of SARs submitted	36
▪ No. of ATs formed	15

- | | |
|---|----|
| ▪ No. of ATs visits to different departments | 15 |
| ▪ No. of submission of AT reports | 07 |
| ▪ No. of Exit meeting of AT with the Dean & PTMs | 15 |
| ▪ No. of submission of executive summaries to VC by QEC | 15 |
| ▪ No. of submission of Implementation plans to VC | 14 |
- Quality Enhancement Cell is following up the implementation plans along with continuously pursuing the rest of departments to prepare their SARs. As self assessment is a continuous process once any department completes its one cycle of assessment, it is asked to prepare the next.
 - Recently, the worthy Vice Chancellor, Prof. Dr. Mujahid Kamran, has written a letter to those faculties who are taking less interest in self assessment process and instructed them to follow self assessment which shows the top management's commitment towards quality assessment at Punjab University.

FACULTY OF ARTS & HUMANITIES

PAKISTAN STUDY CENTRE

- **Membership of Associations/ Networks**

- Pakistan Vision, the research journal of the Centre has been part of indexing and abstracting services of two international and one national abstracting organizations. These are
 - International Political Science Abstracts (IPSA), Paris
 - International Bibliography of Social Sciences (IBSS), London
 - Asia Net Pakistan

- **Accreditation of Programmes from relevant councils**

- The academic programmes of the Centre have been reviewed and approved by the Academic Committee, Pakistan Study Centre, Board of Faculty of Arts & and the Academic Council of Punjab University and of Board of Studies, University of the Punjab.

PUNJAB UNIVERSITY COLLEGE OF ART & DESIGN

- **Accreditation of Programs from relevant councils:**

- Department of Architecture is accredited by PCATP (Pakistan Council of Architecture and Town Planning).

FACULTY OF BEHAVIORAL SOCIAL SCIENCES

INSTITUTE OF COMMUNICATION STUDIES

- **Membership of Associations/Networks**

- Institute of Communication Studies University of the Punjab has membership of PEMRA and Paragon Academy of Performing Arts.

FACULTY OF COMMERCE**HAILEY COLLEGE OF BANKING AND FINANCE**

- **Membership of Association/Networks**
 - The college is a member of several bodies including AMDISA, Hyderabad, India.
- **Accreditation of Programs from relevant Councils**
 - All of the Programs are approved by the relevant statutory bodies and HEC Islamabad.

FACULTY OF ECONOMIC AND MANAGEMENT SCIENCES**INSTITUTE OF ADMINISTRATIVE SCIENCES**

- **Quality Assurance**
 - As per the instructions of Institute of Quality and Technology Management, our faculty crafted a Self Assessment Report which ultimately scored high after audit from the team constituted by the worthy Vice Chancellor.

FACULTY OF ENGINEERING & TECHNOLOGY**INSTITUTE OF CHEMICAL ENGINEERING & TECHNOLOGY**

- **Membership of Associations/Networks**
 - Faculty members as well as students are encouraged to get memberships of various professional organizations like PEC, PIChE etc.
- **Accreditation of Programs from relevant councils**
 - The program of B.Sc. (Engg.) Chemical Engineering at the Institute is duly accredited by the Pakistan Engineering Council and Higher Education Commission. Moreover, to maintain the quality standards, and to upgrade of the curriculum according to Pakistan Engineering Council and Higher Education Commission's requirements Board of Faculty meeting is a regular feature.

INSTITUTE OF QUALITY & TECHNOLOGY MANAGEMENT

- **Membership of Associations/ Networks**
 - Institute is a member of Asia Pacific Quality Network (APQN)
- **Accreditation of Programmes from relevant councils**
 - BS Industrial Engineering program of this Institute is accredited by PEC.

COLLEGE OF ENGINEERING & EMERGING TECHNOLOGY

- **Membership of Associations/Networks**
 - Faculty members as well as students are members of different national and international organizations e.g NACE, IEEE, PIMME etc.

- **Accreditation of Programs from relevant councils**

- All the engineering programs offered by the college i.e. B.Sc. (Engg.) Metallurgy and Materials Engineering & B.Sc. (Engg.) Electrical Engineering are duly accredited by the Pakistan Engineering Council. Moreover, to maintain the quality standards, and to upgrade of the curriculum according to Pakistan Engineering Council and Higher Education Commission's requirements, adhoc committee of college and board of faculty meeting is a regular feature.

FACULTY OF LIFE SCIENCES

DEPARTMENT OF APPLIED PSYCHOLOGY

- **Membership of Associations/ Networks**

- Prof. Dr. Rukhsana Kausar, Member British Psychological Society, UK (BPS).
- Prof. Dr. Rukhsana Kausar, International Affiliate American Psychological Association (APA)
- Prof. Dr. Rukhsana Kausar, Full Member of the European Health Psychology Society (EHPS)
- Prof. Dr. Rukhsana Kausar, Member International Council of Psychologists (ICP).
- Prof. Dr. Rukhsana Kausar, Member International Association of Applied Psychology (IAAP).
- Prof. Dr. Rukhsana Kausar, Member Asian Psychological Association (APsyA).
- Prof. Dr. Rukhsana Kausar, Life Member, Pakistan Psychological Association (PPA).
- Prof. Dr. Rukhsana Kausar, Member, International Society of Interpersonal Acceptance and Rejection.
- Prof. Dr. Rukhsana Kausar, Member, Doctoral Program committee. Department of Special Education, University of the Punjab, Lahore.
- Prof. Dr. Rukhsana Kausar, Member Research Advisory Committee of National Institute of Psychology, Centre of Excellences, Quaid-e-Azan University, Islamabad, Pakistan.
- Prof. Dr. Rukhsana Kausar, Member, Committee for Development of Social Sciences, Arts and Humanities, Higher Education Commission, Pakistan, August, 2010 onwards.
- Prof. Dr. Rukhsana Kausar, Chairperson, Psychology Subcommittee, Committee for Development of Social Sciences, Arts and Humanities, Higher Education Commission, Pakistan, August, 2010 onwards
- Prof. Dr. Rukhsana Kausar, Chief Editor, Journal of Behavioural Sciences, Official Publication of Department of Applied Psychology, University of the Punjab, Lahore (2003-2005; 2007 onwards).
- Prof. Dr. Rukhsana Kausar, Chief Editor "Psychological Abstracts", Department of Applied Psychology.
- Prof. Dr. Rukhsana Kausar, Member, Editorial Board, Journal of Social and Clinical Psychology.
- Prof. Dr. Rukhsana Kausar, Member, Editorial Board, Pakistan Journal of Professional Psychology.
- Prof. Dr. Rukhsana Kausar, Consulting Editor, Science Journal of Business Management, ISSN" 2276-6316, <http://www.sjpub.org/sjbm.html>
- Prof. Dr. Rukhsana Kausar, Consulting Editor, Pakistan Journal of Psychological Research, National Institute of Psychology, Quaid-i-Azam University, Islamabad
- Prof. Dr. Rukhsana Kausar, Consulting Editor, Indian Journal of Psychology and Mental Health.

- Prof. Dr. Rukhsana Kausar, Consulting Editor, Journal of Gender and Social Issues, Fatima Jinnah Women University, Rawalpindi.
- Prof. Dr. Rukhsana Kausar, Consulting Editor, Frontier Women University, Journal of Social Sciences.
- Prof. Dr. Rukhsana Kausar, Consulting Editor, Journal of Indian Academy of Applied Psychology.
- Prof. Dr. Rukhsana Kausar, Consulting Editor, Bulletin of Educational Research, Institute of Education and Research, Islamic International University, Islamabad.
- Prof. Dr. Rukhsana Kausar, Consulting Editor, Bulletin of Educational Research, Institute of Education and Research University of the Punjab, Lahore.
- Prof. Dr. Yasmin N. Farooqi, Member, Editorial Board, Educational Research and Reviews, Academic Journals. <http://www.academicjournals.org/about.htm>
- Prof. Dr. Yasmin N. Farooqi, Consulting Editor, Board of Consulting Editors, Journal of Psychology in Africa. IKOVERLAG, Germany.
- Prof. Dr. Yasmin N. Farooqi, Member, Crime Prevention Council, Washington, DC. U.S.A.
- Prof. Dr. Yasmin N. Farooqi, International Affiliate Member, American Psychological Association.
- Prof. Dr. Yasmin N. Farooqi, Referee/Reviewer, Journal of Professional Psychology. American Psychological Association. Washington, DC. U.S.A.
- Prof. Dr. Yasmin N. Farooqi, Member Editorial Board, APA online PsycCRITIQUES Journal. Washington, DC. U.S.A.
- Prof. Dr. Yasmin N. Farooqi, FP 7 Expert, FP-7 Program CORDIS: FP7: EMM initiated by European Union. Europe.
- Prof. Dr. Yasmin N. Farooqi, Member, Editorial Board of Journal of Humanities and Social Sciences, Mc Gill University, U.S.A.
- Prof. Dr. Yasmin N. Farooqi, Member, Fulbright Alumni Association, Washington, DC. U.S.A.
- Prof. Dr. Yasmin N. Farooqi, Member, Board of Studies, Department of Psychology, GC University, Lahore, Pakistan
- Dr. Naumana Amjad, Vice President Society for Advancement of Muslim Psychology, Pakistan
- Dr. Naumana Amjad, Senior Vice President Alumni Association of Ravian Psychologists
- Dr. Naumana Amjad, Member International Society for Research on Aggression
- Dr. Naumana Amjad, Member Pakistan Psychological Association
- Ms. Rafia Rafique, Member American Psychological Association , America
- Ms. Rafia Rafique, Member Canadian Psychological Association, Canada.
- Ms. Rafia Rafique, Member Pakistan Psychological Association
- Ms Afsheen Masood, Member Pakistan Psychological Association
- Ms Afsheen Masood, Member Society for Rehabilitation of Disabled Children, Jail Road Lahore
- Ms Afifa Anjum, Member Pakistan Psychological Association.

- Ms Tahira Mubashar, Member of Lahore HR Forum Lahore
- Ms Tahira Mubashar, Member of FOCUS GROUP at Packages Pvt. Limited
- Ms Mujeeba Ashraf, Member of Pakistan Psychological Association
- Ms Mujeeba Ashraf, Member of Pakistan Clinical Psychologist Association (PACP)
- **Accreditation of Programmes from relevant councils**
 - Programs and Courses are accredited by Statutory Bodies of the University.

DEPARTMENT OF BOTANY

- **Accreditation of Programmes from relevant councils**
 - Programs and Courses are accredited by Statutory Bodies of the University.

DEPARTMENT OF ZOOLOGY

- **Membership of Associations/ Networks**
 - **Prof. Dr. Muhammad Akhtar**
Founder Fellow, Pakistan Wildlife Foundation since 2011 till to-date.
 - **Prof. Dr. Tanveer Akhtar**
Member, American Association for Cancer Research (AARC) till 2008 to-date.
 - **Prof. Dr. Syed Shahid Ali**
Vice President, Zoological Society of Pakistan, ZSP (2008-2012)
 - **Prof. Dr. Javed Iqbal Qazi**
Member Disciplinary Committee for resolving cases for unfair means in the examinations of University of the Punjab, Lahore. From 2010 on-ward.
 - **Dr. Nabila Roohi**
Active Member, The Endocrine Society, 8401 Connecticut Avenue, Suite 900, Chevy Chase, Maryland, USA, December 2010 to present
Member, International Society of Zoological Sciences, Datun Road, Beijing, China, April 2010 to present
Member, All Pakistan Women Association (APWA), 2000 to present

INSTITUTE OF AGRICULTURAL SCIENCES

- **Membership of Associations/ Networks**
 - **Dr. M. Saleem Haider, Professor & Director**
 - Editor In-Chief for Mycopath Journal
 - Member-Editorial Board for Journal of Life Sciences, USA
 - Member-European Federation of Biotechnology
 - Fellow-The Zoological Society of Pakistan
 - Member Pakistan Phytopathological Society
 - Member Myco-Phytopathological Society of Pakistan

- Member Bioinformatics.org
- Member-Pakistan Agricultural Research Scientists Association
- Member world *Cucurbitaceae* Scientists
- Reviewer: Journal of Microbiology and Antimicrobials
- Reviewer: Journal of Life Sciences, USA
- Reviewer: Pakistan Journal of Botany
- Reviewer: Sarhad Journal of Agriculture
- Reviewer: Pakistan Journal of Agricultural Sciences
- Reviewer: African Journal of Biotechnology
- Reviewer: African Journal of Agricultural Sciences
- **Dr. Safdar A. Anwar, HEC Foreign Professor**
 - Member- Society of Nematologists USA
 - Member-The Zoological Society of Pakistan
 - Member Pakistan Phytopathological Society
- **Dr. Shakil Ahmed, Assistant Professor**
 - Life Member: Asian Allelopathy Society (AAS)
 - Life Member: Myco-Phytopathological Society of Pakistan (MYCOPS)
 - Life Member: Pakistan Biological Society (PBS)
 - Life Member: Pakistan Phyto-pathological Society (PPS)
 - Member: Pakistan Botanical Society
- Member Editorial Board & Technical Committee: “**Pakistan Journal of Science**”- a journal of Pakistan Association for the Advancement of Science established in 1947, National member: International Council for Science (ICSU), Paris, France, since 1950.
- Member Editorial Board & Technical Committee: “MYCOPATH”- a journal of Myco-Phytopathological Society of Pakistan.
- Editor: “MYCOPS UPDATE”- News letter of Myco-Phytopathological Society of Pakistan
- **Dr. Amna Shoaib, Assistant Professor**
 - Editor of Mycopath Journal
 - Member Pakistan Phytopathological Society
 - Member Myco-Phytopathological Society of Pakistan
 - Reviewer: African Journal of Biotechnology
 - Reviewer: African Journal of Agricultural Sciences
- **Dr. Uzma Bashir, Assistant Professor**
 - **Incharge:** First Fungal Culture Bank of Pakistan, Institute of Agricultural Sciences, University of the Punjab, Lahore

- **Member, Editorial board of Myconews:** Official Newsletter (Quarterly published), First Fungal Culture Bank of Pakistan, Institute of Mycology and Plant Pathology. University of the Punjab, Lahore. From 14.05.2008 - 13.05.2010.
- **Member, Editorial board of Agricultural news:** Official Newsletter (Quarterly published), Institute of Agricultural Sciences, University of the Punjab, Lahore
- **Dr. Shazia Shafique, Assistant Professor**
 - Technical Editor for Mycopath Journal
 - Life Member Pakistan Phytopathological Society
 - Member Myco-Phytopathological Society of Pakistan
 - Member, Weed Science Society of Pakistan
- **Dr. Sobiya Shafique, Assistant Professor**
 - Technical Editor for Mycopath Journal
 - Life Member Pakistan Phytopathological Society
 - Member Myco-Phytopathological Society of Pakistan
 - Member, Weed Science Society of Pakistan
- **Miss Shabnam Javaid, Lecturer**
 - Member, Editorial Board, HHG Updates
- **Accreditation of Programmes from relevant councils**
 - The Higher Education Commission (HEC) has accredited the academic programs of the Institute of Agricultural Sciences in 'Y' category. However, for the upgradation of this category into 'X' the AIC has visited the institute last year and notification in this regard is still awaited.

SCHOOL OF PHYSICAL SCIENCE

- **Basic enrolment**
 - Different researchers, faculty members & postgraduate students come to SPS to use state of the art equipments. School of Physical Sciences is also planning of start its own admission in M.Phil & PhD in the fields of Chemistry & Physics.

FACULTY OF PHARMACY

COLLEGE OF PHARMACY

- **Membership of associations/Networks:** The Faculty members have the memberships of the following associations/networks:
 - International Society for the study of xenobiotics
 - International Pharmaceutical Federation (FIP), Netherlands.
 - Control Release Society (CRS), USA
 - Pakistan Pharmacists Association, Pakistan
 - Pakistan Hospital Pharmacists Association, Pakistan
 - Inspection team for issuance of manufacturing license, Ministry of Health, Government of Pakistan, Islamabad.

- **Accreditation of programs from relevant councils**

- Pharmacy Council of Pakistan
- HEC of Pakistan

FACULTY OF SCIENCES

DEPARTMENT OF GEOGRAPHY

- **Membership of Associations/ Networks**

- Pakistan Geographical Association and Old Geography Students Association and International Geographical Union (USA)

DEPARTMENT OF PHYSICS

- **Membership of Associations/ Networks**

- The faculty members of the Department of Physics, University of the Punjab, Lahore have life memberships of Pakistan Institute of Physics (PIP).
- Dr. Shaukat Ali, Prof. & Chairman is one of members, of Al Khawarzami Science Society, Pakistan.

- **Accreditation of Programmes from relevant councils**

- All academic programs offered by the Department of Physics, University of the Punjab, Lahore are duly accredited from the relevant bodies of Punjab University.

PUNJAB UNIVERSITY COLLEGE OF INFORMATION TECHNOLOGY

- **Accreditation of Programmes from relevant councils**

- NCEAC category W (for three years) awarded for the following degree programs:

COLLEGE OF EARTH & ENVIRONMENTAL SCIENCES

- **Membership of Associations/ Networks**

- Dr. Iftikhar Ahmad: IAHS, International Association of Hydrological Sciences. UK, Punjab Geological Society

COLLEGE OF STATISTICAL AND ACTUARIAL SCIENCES

- **Membership of Associations/ Networks**

- Faculty Members of College of Statistical and Actuarial Sciences, University of the Punjab, Lahore are members of 'Pakistan Statistical Association'
- Dr. Shahid Kamal, Prof. & Principal is the member, American Statistical Association, USA
- Mr. Ghulam Nabi, Lecturer is the member, Institute of Actuaries, U.K.
- Mr. Ghulam Nabi, Lecturer is the member, Pakistan Society of Actuaries, Pakistan
- Mr. Ghulam Nabi, Lecturer is the member, Society of Actuaries, India

- **Accreditation of Programmes from relevant councils**

- All academic programs offered by College of Statistical and Actuarial Sciences, University of the Punjab, Lahore are duly accredited from the relevant bodies of Punjab University.