

# ANNUAL REPORT

## 2017-18

(September 2017-August 2018)



As required under Sections 11(7) and 23(2) (a) of Khyber Pakhtunkhwa Universities Act-2012 (Amended-2016), the Annual Report of the University of Peshawar for the Academic Year 2017-18



**University of Peshawar**  
**Khyber Pakhtunkhwa, Pakistan**

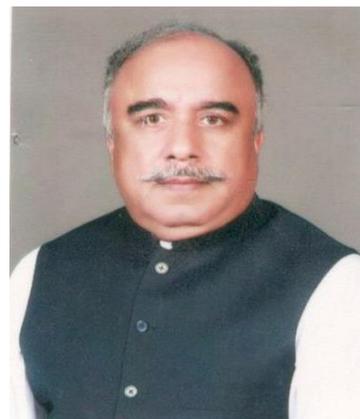
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## Chancellor's Message

It is reassuring to witness the University of Peshawar going through a major shift to further strengthen and cement its role and contribution in promoting culture of knowledge economy. Being one of the most pioneer and prestigious institutions of its kind in the country, it also seems a right step on its part to keep pace at par with national and international institutions of the kind.



The rapidly advancing global trends on many counts seem giving us the responsibility to nurture a culture of innovation, collaborative research, engagement of citizens and communities in professional and academic pursuits and international standards from quality point of view. Surely, the Annual Report, 2017-18 would be containing the facts from the perspective of graduates in terms of attainment of their goals as well.

Being Chancellor, the Governor's Office shall be ensuring transparency, accountability and innovation for uplifting the face of the university as a responsible and progressive institution. My appeal to the faculty is to carry it a sublime mission while promoting the sense of healthy competition in the academic pursuits and inculcating the spirit in students to take an edge in their efforts of securing their career goals in line with market demands.

At the end, being an alumnus of this University, I feel greatly privileged to inking these words for the document. It will always be an utmost effort of this office to facilitate this prestigious institution in respect of all the deserving quests to not only maintaining its academic excellence but further enriching its achievements.

### **Shah Farman**

Chancellor University of Peshawar  
Governor Khyber Pakhtunkhwa

## Vice Chancellor's Message

University of Peshawar came into existence as an outcome of personal vision of the most prestigious leadership of the country i.e., the founders of Pakistan. Sir Allama Muhammad Iqbal, who holds the credit for presenting the vision of a separate homeland for the Muslim population of the subcontinent, while being on the legislative assembly of Punjab (1926-1928) demanded creation of a university at Peshawar through a legislative resolution. Quaid-i-Azam Muhammad Ali Jinnah, the founder of Pakistan during his visit to Islamia College, Peshawar in 1948 envisioned “Let me tell you that nothing is nearer to my heart than to have a great centre of culture and learning in a place like Peshawar. A place from where the rays of knowledge and culture can spread throughout the Middle East and Central Asia”.



I, being a former student and faculty member of this great alma mater am a witness to the fact that within two decades of its creation, the university attained the status of most prestigious and comprehensive seat of learning that housed the best academic programs in humanities, social sciences, basic and applied sciences and professional disciplines (medicine, engineering, agriculture, law and commerce). Despite the fact that the professional disciplines were clipped from the university one after the other, yet, the university has succeeded in maintaining its stature in the academic world at the national and professional level.

The University of Peshawar has retained its focus on quality programs in humanities and social sciences with an aim of equipping its graduates with world view that encompasses understanding, tolerance and humanitarianism. On the other hand, the University of Peshawar students and faculty are in the forefront in innovative research in applied sciences and technology disciplines such as biotechnology, pharmacy, chemical, material and geological sciences. The University continues to develop its professional programs in law, commerce, psychology and management sciences.

This is a matter of pride to present this annual report to showcase achievements of the University of Peshawar. However, we at the University of Peshawar take this opportunity to reflect back at our performance and directions. We look forward to receiving valuable comments and suggestions for further improvements in the delivery of service and improving academic standards.

**Prof. Dr. Muhammad Asif Khan** (T.D)  
Vice-Chancellor

## Executive Summary

The University of Peshawar is a realization of the dream of the father of the nation. It is the first ever university established after independence. Since then, it is vigorously working with its full zeal and spirit, truly serving the sacred cause of education.

The University is not only catering to academic needs of Peshawar, but also of the entire province. The highly qualified faculty and staff, student friendly environment and supportive infrastructure are the hallmarks of the University. Its role in economic, social, political, industrial and government leadership has been widely recognized. It has overwhelming contribution generating positive changes in the society. The total regular students' enrolment of the University during the academic year 2017-18 is as under:

Regular Students	Undergraduate		Masters		MS/M.Phil		Ph.D	
	Male	Female	Male	Female	Male	Female	Male	Female
Indigenous	5083	2213	1757	1177	471	355	334	127
Foreign	41	12	17	7				
	<b>7349</b>		<b>2958</b>		<b>826</b>		<b>461</b>	
<b>Grand Total = 11594</b>								

In addition to teaching and assessment, the University is making marked contribution to research and development. The following table gives an overview of research publications during the reporting period.

Name of Faculty /College	Publications
Faculty of Arts and Humanities	16
Faculty of Islamic and Oriental Studies	35
Faculty of Life and Environmental Sciences	375
Faculty of Management and Information Sciences	45
Faculty of Numerical and Physical Sciences	183
Faculty of Social Sciences	111
Jinnah College for Women	20
<b>Grand Total</b>	<b>785</b>

The University succeeded in soliciting total **09** National Research Proposals for University from Higher Education Commission, Higher Education Department and Directorate of Science & Technology. Staff of the University participated in **38** professional development activities including seminars, workshops and training Programmes. **04** major developmental projects were in progress during the academic year 2017-18. The University also signed **08** MoUs in total, **02** with international and **06** with national institutions.

## Strategic Elements

### Vision

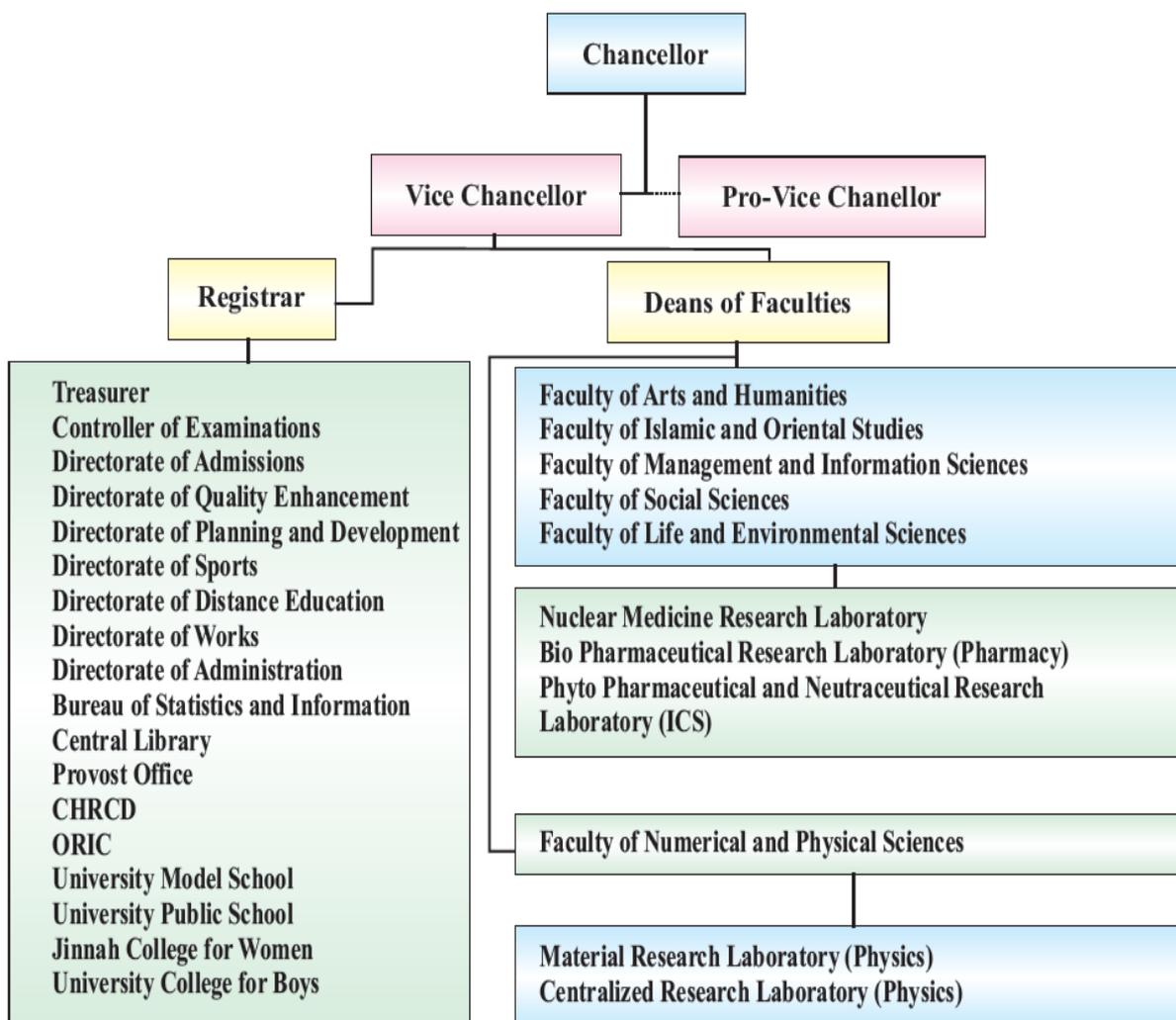
To be a prominent public sector university in the region recognized for its global perspective, diverse and supportive learning environment, with an international reputation in research and creative discovery and emphasis on leadership development.

### Mission

The University, a future-oriented and unique institution, is committed to achieving excellence in the undergraduate and graduate education, research and public service. The University provides superior and comprehensive educational opportunities at the baccalaureate, through doctoral and special professional educational levels.

The University contributes to the advancement of society through research, creative activity, scholarly inquiry, and development of knowledge. The University preserves and promotes arts, benefits the nation's economy, serves the citizens through public Programmes and is dedicated to the production of quality human resource for the knowledge-driven development of the country.

### Management Structure



## Historic Perspective

The University, founded in 1950, is the fulfilment of a dream, which had long remained unrealized. The first seed of the University may be said to have been sown by Sir Sahibzada Abdul Qayyum Khan, who conceived the idea and founded Islamia College - (The Dar-ul-ulum Islamia) in 1913. The founder of Pakistan, Quaid-e-Azam Mohammad Ali Jinnah, who perhaps visualized the strategic role of Peshawar, on 12<sup>th</sup> April, 1948, while addressing the students and teachers of Islamia College Peshawar, made the following memorable statement:

"You have referred to the question of Khyber University. Let me tell you that nothing is dearer to my heart than to have a University in the North-West Frontier Province from where rays of learning and culture will spread through out Central Asia; and provided you go the right way about it, you will get your University sooner than you can imagine ".

Two years later, the first Chief Minister of NWFP Khan Abdul Qayyum Khan facilitated the establishment of the University and hence the promise of the Father of the nation was fulfilled. On 30<sup>th</sup> October 1950, Shaheed-e-Millat, Khan Liaqat Ali Khan, the first Prime Minister of Pakistan, laid the foundation stone of this University with these words:

"It is with very great pleasure that I have come here today to perform the inauguration of the University. This is a historic day for the people of this province and for Islamia College, which has been the center of learning for such a long time and which, has played an important part in the creation of the University. The Government and the people of the province can take legitimate pride in their achievement as the inauguration of the University is an important landmark on the road to progress which the province is traversing so rapidly and yet so surely".

The University took a start in a borrowed building of Government Training School Peshawar (now Agricultural Training Institute) in 1950. It has now developed into a first-rate institution of the country as desired by its founder. In the last sixty-five years, three full-fledged universities have branched out from it, and the University's own campus has grown into an educational city.

The University is a public sector teaching and research institution, with a number of affiliated colleges of the province. It caters for undergraduate, postgraduate and professional teaching and research Programmes. It is a residential university, where more than half of the teaching staff, other employees, and students live on the campus.

The University campus is spread over an area of more than 1212 acres of land. It is situated at a height of 1,138 ft., above sea level and is at about 6 km, westwards from Peshawar Cantonment on the way to Khyber Pass. The University prides itself on its abundant verdant lawns, numerous flower-laden gardens watered by the canal coming from Bara and Kabul rivers, and conglomeration of buildings, both of traditional and modern architecture styles, over shadowed by a purple range of western mountains, with Tatara as the highest peak. It is a unique institution of Pakistan and perhaps in the world, that offers education from nursery to Ph.D. level. The campus has its own shopping centres, health care centres, and community centres.

The University has a summer campus at Bara Gali at an altitude of about 8000 ft. above sea level that spreads over an area of 67 acres. It was an abandoned cantonment of British period, which was handed over to the University in August 1965 by the then President General Muhammad Ayub Khan. Since then it is used as a Summer Campus of the University. In summers it is a hub of academic activities particularly conferences, seminars, workshops and symposia organized by various faculties and institutes.

It has also been used by Centre for Human Resource and Career Development (CHRCDD) of the University for imparting various trainings.

The University acquired a land of 87 acres at Azakhel through a lease agreement with the district government Nowshera for the establishment of a Centre of Biodiversity/ Botanical Garden. The Centre was established with the financial assistance of HEC. It is one of the leading bio-diversity centres of international standing.

The University is proud of having established the first Environmental Sciences Department, Centre for Disaster Preparedness and Management, and Directorate of Distance Education Programme at the national level. Nuclear Medicine Research Lab (NMRL), Centralized Resource Lab (CRL), Phyto-Pharmaceutical and Neutraceutical Research Lab (PNRL), a sophisticated Material Resource Lab (MRL), Institute of Peace and Conflict Studies, Office of Research Innovation and Commercialization, Campus Management Solutions, Institute of Criminology and Forensic Sciences, Career Development Centre and China Study Centre are also established.

The University is catering to the academic needs of the people of Khyber Pakhtunkhwa. The university is recognized in political, industrial and government leadership all over the country. The University has an over-whelming contribution in achieving positive changes in the Society.



**Sheikh Muhammad Taimur Academic Block-I**

# Chapter-1

## Academic Activities

## Academic Activities

### Academic Programmes

The following Postgraduate, Graduate and Undergraduate Programmes are offered by the University:

#### Postgraduate Programmes

##### ☀ Faculty of Arts and Humanities

- Archaeology M.Phil and Ph.D
- Anthropology M.Phil and Ph.D
- English M.Phil and Ph.D
- History M.Phil and Ph.D
- Philosophy M.Phil and Ph.D

##### ☀ Faculty of Islamic and Oriental Studies

- Arabic M.Phil and Ph.D
- Islamiyat M.Phil and Ph.D
- Seerat Studies M.Phil and Ph.D
- Pashto M.Phil and Ph.D
- Persian M.Phil and Ph.D
- Urdu M.Phil and Ph.D

##### ☀ Faculty of Life and Environmental Sciences

- Biotechnology M.Phil and Ph.D
- Botany M.Phil and Ph.D
- Chemistry M.Phil and Ph.D
- Disaster Preparedness and Management M.Phil and Ph.D
- Environmental Science M.Phil and Ph.D
- Geography M.Phil and Ph.D
- Geology M.Phil and Ph.D
- Microbiology M.Phil and Ph.D
- Pharmacy M.Phil and Ph.D
- Urban and Regional Planning M.Phil and Ph.D
- Zoology M.Phil and Ph.D

##### ☀ Faculty of Management and Information Sciences

- Journalism and Mass Communication M.Phil and Ph.D
- Library and Information Sciences M.Phil and Ph.D
- Management Studies MS and Ph.D
- Home Economics M.Phil and Ph.D

### ☀ Faculty of Numerical and Physical Sciences

- Computer Science M.Phil and Ph.D
- Electronics M.Phil and Ph.D
- Mathematics M.Phil and Ph.D
- Physics M.Phil and Ph.D
- Statistics M.Phil and Ph.D

### ☀ Faculty of Social Sciences

- Economics M.Phil and Ph.D
- Education M.Phil and Ph.D
- Gender Studies M.Phil
- International Relations M.Phil and Ph.D
- Law LL.M
- Peace and Conflict Studies M.Phil
- Political Science M.Phil and Ph.D
- Psychology M.Phil and Ph.D
- Sociology M.Phil and Ph.D
- Social Work M.Phil and Ph.D

## Graduate Programmes

### ☀ Faculty of Arts and Humanities

- Anthropology
- Archaeology
- English
- History
- Philosophy

### ☀ Faculty of Islamic and Oriental Studies

- Arabic
- Islamiyat
- Pashto
- Persian
- Urdu

### ☀ Faculty of Life and Environmental Sciences

- Botany
- Chemistry
- Disaster Preparedness and Management
- Environmental Sciences
- Geography
- Urban and Regional Planning
- Zoology

### ⚙ **Faculty of Management and Information Sciences**

- Journalism and Mass Communication
- Library and Information Sciences
- Business Administration
- Public Administration
- Commerce
- Human Resource Management
- Home Economics

### ⚙ **Faculty of Numerical and Physical Sciences**

- Computer Science
- Electronics
- Mathematics
- Physics
- Statistics

### ⚙ **Faculty of Social Sciences**

- Economics
- Education
- International Relations
- Gender Studies
- Law
- Political Science
- Psychology
- Regional Studies
- Social Work
- Sociology
- Criminology

## **Undergraduate Programmes**

### ⚙ **Faculty of Arts and Humanities**

- Arts and Design

### ⚙ **Faculty of Islamic and Oriental Studies**

- Urdu

### ⚙ **Faculty of Life and Environmental Sciences**

- Bio Technology
- Microbiology
- Botany (Bio Diversity)
- Chemistry
- Disaster Preparedness and Management
- Environmental Sciences
- Geography
- Geographic Information System/ Remote Sensing
- Geology

- Pharmacy
- Urban and Regional Planning
- Zoology

#### ⚙ **Faculty of Management and Information Sciences**

- Business Administration
- Commerce
- Home Economics

#### ⚙ **Faculty of Numerical and Physical Sciences**

- Computer Science
- Electronics
- Mathematics
- Physics
- Statistics

#### ⚙ **Faculty of Social Sciences**

- Economics
- Education
- International Relations
- Political Science
- Psychology
- Sociology
- Social Work
- Gender Studies
- Peace and Conflict Studies
- Regional Studies
- BS Law (5 Years)

#### ⚙ **Colleges**

- BSc Physical Sciences
- BSc Biological Sciences
- BA

## Academic Achievements

### Improvement in Academic Courses

S.No.	Name Department Institute	Courses Approved
1	Islamiyat	<ul style="list-style-type: none"> <li>i. Revised curriculum of BS Islamic Studies</li> <li>ii. General Courses related to Islamic Studies to be offered by disciplines of Social Sciences, Humanities and Pure Sciences</li> <li>iii. Non Credit hours courses of English and Pak Studies of intermediate level to be taught to students having Khassah certificate as compulsory subjects</li> <li>iv. Scheme of study for MS in Islamic studies</li> </ul>
2	Shahikh Zayed Islamic Centre	<ul style="list-style-type: none"> <li>i. Curriculum for BS in Islamic Studies with Information and Communication Technologies</li> <li>ii. Change of Nomenclature of BS In Islamic Studies as “BS in Islamic Studies with information &amp; Communication Technologies”</li> </ul>
3	Criminology	<ul style="list-style-type: none"> <li>i. M.Sc Courses</li> </ul>
4	Social Anthropology	<ul style="list-style-type: none"> <li>i. BS Courses Admission Criteria for M.A Previous Social Anthropology</li> <li>ii. First Priority: Candidates who have passed B.A with Anthropology at least in 2<sup>nd</sup> Division</li> <li>iii. Second Priority Candidates who have passed B.A at least 2<sup>nd</sup> Division.</li> </ul>
5	Psychology	<ul style="list-style-type: none"> <li>i. Change in the admission criteria for BS</li> <li>ii. Change in the admission criteria for MS</li> <li>iii. Change in the admission criteria for Postgraduate Diploma in Clinical Psychology</li> <li>iv. 5 seats be reserved for students with psychology</li> </ul>
6	Regional studies	<ul style="list-style-type: none"> <li>i. Switching over to Annual System Master’s level</li> </ul>
7	Education and research	<ul style="list-style-type: none"> <li>i. Bachelors of Education (B.Ed) 1.5 Years</li> <li>ii. Bachelors of Education (B.Ed) 2015 Years</li> </ul>
8	Peace and Conflict Studies	<ul style="list-style-type: none"> <li>i. Post Graduate Diploma title renamed as “Post Graduate Diploma in Peace and conflict Studies”</li> <li>ii. Post Graduate Diploma in Peace and conflict Studies courses</li> <li>iii. Changes in M.Sc Courses</li> </ul>
9	Khyber Law College	<ul style="list-style-type: none"> <li>i. Curriculum for LLB (5-year) Programme</li> <li>ii. Curriculum for LL.M</li> </ul>
10	Computer Science	<ul style="list-style-type: none"> <li>i. BS (CS) Revised Curriculum</li> <li>ii. M.Sc Revised Curriculum</li> <li>iii. MS/Ph.D Revised Curriculum</li> </ul>
11	Mathematics	<ul style="list-style-type: none"> <li>i. Modifications and Additions of Courses in BS Programme.</li> <li>ii. Modification and additions of Courses in M.Phil Programme.</li> <li>iii. Modification and additions of courses in Ph.D Programme</li> </ul>
12	Physics	<ul style="list-style-type: none"> <li>i. New course for M.Phil</li> <li>ii. New Course for Ph.D</li> </ul>
13	Library and Information Science	<ul style="list-style-type: none"> <li>i. M.Phil Programme</li> </ul>

## Honours and Awards

### Presidential Award for Pride of Performance

Dr. Bashir Ahmad

Meritorious Professor and Dean Faculty of Life & Environmental Sciences  
University of Peshawar



### Best Teacher Award

Dr. Bushra Khan, Associate Professor

Department of Environmental Sciences  
University of Peshawar



## Institutional Linkages

### National MOU's

- 1. Helping Hand for Relief & Development (HHRD), Islamabad and Department of Social Work, University of Peshawar (19.10.2017).**  
Internship, research and student's career counseling.
- 2. FATA University, FR Kohat and University of Peshawar, - Mutual Visits and Participation in Teaching and Research Programme (14.11.2017).**  
Exchange of research, teaching and technical staff - Exchange of information and materials of mutual interest.
- 3. Pakistan Standards and Quality Control Authority, Karachi and University of Peshawar (20.12.2017).**  
To develop quality HR and Quality infrastructure - To facilitate the University of Peshawar in developing standardization and quality control assurance education programmes- To develop capacity building through Education, Training, Seminars and workshops.
- 4. Governance & Policy Project Khyber Pakhtunkhwa (GPP-KP) and Department of Economics, University of Peshawar (31.01.2018).**  
To engage students and staff members of Department of Economics for collection of Secondary Data of Taxpayers.
- 5. M/S SYKIQ, Islamabad and University of Peshawar (19.04.2018).**  
Installation of Bicycle renting facility for all University of Peshawar employees, residents and students at University Campus.
- 6. National Centre for Physics, Islamabad and Physics Department, University of Peshawar (24.9.2018).**
  - Exchange of archives, publications & information and training of scientific & technical personnel for teaching, research and development in the field of Physics and allied disciplines.
  - Co-operated scientific research and technological development programmes and projects of national interest as well as projects of indigenous production of advance scientific equipment.
  - Possibilities for researchers from The University to work at department of NCP as full time hosted researcher.
  - Holding of joint conferences, seminars, symposia, workshops and invited lectures at national and international level.

## International MOU's

### 1. Xidian University China and University of Peshawar (23.09.2017).

- i. Exchange of faculty and scholars for the purpose of research, teaching and development
- ii. Exchange of students for the purpose of training, internship, degree-pursuing
- iii. Exchange of information, experience and knowledge of academic fields (including research publications, teaching and library materials).



### 2. International Committee of the Red Cross (ICRC), Pakistan and Law College University of Peshawar 07.09.2018.

To promote International Humanitarian Law and Technical Cooperation on Matters relating to human rights.



# Chapter-2

## Research and Development

## Research and Development

### Research Publications

S.No.	Name of Departments	Publication
<b>A</b>	<b>Faculty of Arts and Humanities</b>	
1	Department of Archaeology	3
2	Department of Anthropology	0
3	Department of History	3
4	Department of English and Applied Linguistics	7
5	Department of Philosophy	2
6	Department of Art & Design	1
	<b>Sub-Total</b>	<b>16</b>
<b>B</b>	<b>Faculty of Islamic and Oriental Studies</b>	
1	Department of Islamiyat	4
2	Department of Seerat Studies	3
3	Department of Arabic	12
4	Department of Pashto	3
5	Department of Persian	0
6	Department of Urdu	9
7	Pashto Academy	4
	<b>Sub-Total</b>	<b>35</b>
<b>C</b>	<b>Faculty of Life and Environmental Sciences</b>	
1	Centre of Biotechnology & Microbiology	63
2	Department of Botany	30
3	Institute of Chemical Sciences	108
4	Department of Environmental Sciences	66
5	Department of Geography	26
6	Department of Urban & Regional Planning	10
7	Department of Zoology	0
8	Department of Geology	6
9	Department of Pharmacy	53
10	Centre for Disaster Preparedness and Management	5
11	Centre of Plant Biodiversity	8
	<b>Sub-Total</b>	<b>375</b>
<b>D</b>	<b>Faculty of Management and Information Sciences</b>	
1	Department of Journalism & Mass Communication	16
2	Quaid-e-Azam College of Commerce	9
3	Department of Library & Information Sciences	8
4	College of Home Economics	12
5	Institute of Management Studies	0
	<b>Sub-Total</b>	<b>45</b>
<b>E</b>	<b>Faculty of Numerical &amp; Physical Sciences</b>	
1	Department of Computer Science	70
2	Department of Physics	10
3	Department of Electronics	36
4	Department of Mathematics	60
5	Department of Statistics	7
	<b>Sub-Total</b>	<b>183</b>

<b>F</b>	<b>Faculty of Social Sciences</b>	
1	Department of Economics	13
2	Institute of Education and Research	37
3	Department of International Relations	6
4	Department of Political Science	2
5	Law College	9
6	Department of Psychology	9
7	Institute of Peace and Conflict Studies	3
8	Department of Sociology	14
9	Department of Social Work	6
10	Department of Gender Studies	1
11	Department of Regional Studies	11
12	Department of Criminology	0
	<b>Sub-Total</b>	<b>111</b>
<b>G</b>	<b>Jinnah College for Women</b>	<b>20</b>
	<b>Total</b>	<b>785</b>

## A. Faculty of Arts and Humanities

### Department of Archaeology

1. Sehrai, N. (2017). A Note on the Grey Strucco Capitals from Pataka (Swat). *Ancient Pakistan XXVIII*, 131-136.
2. Khan, G.R. & Hasan, M. (2017). A New Hoard from Tibba Pīr Abdul Rehman, Jhang (Punjab), Pakistan: A Preliminary Report. *Ancient Pakistan XXVIII*, 137-149.
3. Khan, G.R. & Durrani, M.A. (2018). A New Kushan Hoard from Ray Dheri, Abazai (Charsadda, Pakistan). *Ancient Pakistan XXIX*, 161-170.

### Department of History

1. Syed Minhaj ul Hassan & Asma Gul (Jan-June 2018). "One Unit and Sardar Abdur Rashid Khan," *Pakistan Perspectives*, Biannual Research Journal, Pakistan Study Center, Karachi, Volume 23, Number 1, pp. 29-39.
2. Syed Minhaj ul Hassan & Asma Gul (Jan-June 2018). "One Unit Scheme: The Role of Opposition Focusing on Khyber Pakhtunkhwa," *Journal of the Research Society of Pakistan*, University of the Punjab, Lahore, Volume No. 55, Issue No. 1. pp. 279-290.
3. Syed Minhaj ul Hassan (July-Dec 2017). "Abul-Qasim Al-Zahrawi: The Great and Pioneer Muslim Surgeon and Inventor of many Surgical Instruments," *Peshawar Islamicus*, University of Peshawar, Peshawar, Volume No. 8, Issue No. 2, pp. 45-60.

### Department of English and Applied Linguistics

1. Khattak, N.J. (2017), "The Battle of the Conscious Self and the Power Dynamics of the Beauty Myth," *The Journal of Humanities and Social Sciences*, XXV (2), 85-94.
2. Khattak, N.J. (2017) "Marriage and Marriageship in Austen's Novel," *PUTAJ: Humanities and Social Sciences*, 24(1), 1-8.
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24. Rani Gul & Amjad Reba. (2017). "A Study of Multiple Intelligence and Social, Profiles of Secondary School Teachers, Peshawar" *Journal of Applied Environmental and Biological Sciences (Text road Journals)*. Volume. 7 (6) 226-235.
25. Rakhshanda Mushtaq & Amjad Reba. (2017). Capacity Building Initiatives for Hearing–Impaired Children's Education in Khyber Pakhtunkhwa, Pakistan. *The Dialogue, Qurtaba University Peshawar*. Vol. XII, No. 1, 2017 (March).
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28. Parveen Ishaq, Teachers' De.... Behaviour and its Impact on Students' Academic Performance. *FWU Journal of Social Sciences*, winter, 2017, Vol. 11, No.2.

29. M. Naeem Butt, Knowledge-based Language Teaching and its Implication on Teacher Education: Perceptions of Teacher Educators in Pakistan Journal of Humanities and Social Sciences XXVI (1) Acceptance, 2018.
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31. M. Naeem Butt, Effects of Students' Demographics on Entrepreneurial Intentions: A Comparison of Two Diverse Business Schools, Journal of Humanities and Social Sciences, XXV, (2) 47-62, 2017.
32. M. Naeem Butt, Higher Education for Women in Peshawar: Barriers and Issues, Al-Idha, (35), 72-84, 2017.
33. M. Naeem Butt, A Fusion of Educational Research and Fuzzy Information: A Pragmatic Approach, Journal of Humanities and Social Sciences, XXV(1), 1-10 2017.
34. M. Naeem Butt, Teaching Poetry: Impact of Teachers' Non-verbal Communication on Students' Learning Outcomes, Journal of Humanities and Social Sciences, XXV(1) 27-36, 2017.
35. M. Naeem Butt, Review of Ghani Khan's Poem Chengi (Insects) and Rachel Carson's Silent Spring: An Eco-centric Academic Perspective, TAKATOO 18(9)41-47, 2017.
36. Nadeem Khan, Problems in Creating Conducive Classroom Environment in Teacher Training Institutes. NICE Research Journal of Social Science, Special Issue, June, 2017, ISSN: 2219-4282.
37. Nadeem Khan, Teachers' perspective on the Need and Practices of Guidance and Counselling at the Secondary level in Khyber Pakhtunkhwa, Pakistan, Journal of Applied Environmental and Biological Sciences (JAEBS): ISSN: 2090-4247, Vol. 8, Issue 3, 2018.

#### **Department of International Relations**

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2. Khan, M.M. (Jan – June 2018). Islam and the west: The politics of phobia. Peshawar Islamicus, 9 (1).
3. Tasawar, B. Minhas M. Khan, and Khurshaid. (Jan – June 2018). The Islamic world: An interpretative analysis of great power-dynamics in the post-Arab Spring Middle East. Peshawar Islamicus, 9 (1), 33-46.
4. Khan, M. M. (Jan- June, 2017). Violent extremism: The status of religious minorities as targets and victims in Pakistan. Peshawar Islamicus, 8 (1), 1-17.
5. Khan, M. M. and Mirwais Kasi (Fall 2017). Pakistan-China relations: Developments in economic and security areas in the 21<sup>st</sup> century. *Strategic Studies*, 37 (3), 55-74
6. Tehseena U., and Minhas M. Khan. (Spring 2017). Pak-Afghan relations a victim of mistrust and prisoners' dilemma. *Strategic Studies*, 37(1), 70-88.

#### **Department of Political Science**

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#### **Law College**

1. Muhammad Nadeem. (2017). Legal Empowerment of Society and Redressal Mechanisms About Consumer's Greivences- A Critical Evaluation Of The Punjab Consumer Protection Act 2005, *The Journal of Law & Society*, XLVIII (71), 1-22.
2. Muhammad Nadeem. (2017). Paradigm of Criminal Justice System: Problems and Socio-Legal Reforms in Pakistan, *the Journal of Law & Society*, XLVIII (71), 63-84.

3. Sobia Bashir. (2017). Book Piracy in Pakistan Issues, Challenges and Strategies, *the Journal of Law & Society*, XLVIII (71), 85-110.
4. Anees Iqbal. (2017). The Legal Conundrum of Extradition Vis-à-vis Constitution of Pakistan 1973, *The Journal of Law & Society*, XLVIII (71), 39-50.
5. Muhammad Qaiser Shah. (2017). Composition of the Supreme Judicial Council, A Critical Analysis, *the Journal of Law & Society*, XLVIII (71), 51-62.
6. Muhammad Nadeem. (2018). Techniques of Torture as a Punishment and Prohibition in International Human Rights Law. *The Journal of Law & Society*, XLIX (72), 1-22.
7. Muhammad Nadeem. (2018). A Critical Examination of Use of Force under International Law and Way Forward. *The Journal of Law & Society*, XLIX (72), 51-72.
8. Sobia Bashir. (2018). Depleted Uranium Munitions and the Mind of the Killer Robot. *The Journal of Law & Society*, XLIX (72), 37-50.
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### **Department of Psychology**

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2. Amjad, R., Irshad, E. and Gul, R. (2018). Relationship between Competition Anxiety and Fear of Failure among Sportsmen and Sportswomen. *Journal of Postgraduate Medical Institute (Peshawar — Pakistan)*, 32 (1)
3. Rahim, S., Jahangir, F., Zeb, R. (2018). Development and validation of attitude towards honors killing scale. *Pakistan Journal of Psychological Research National Institute of Psychology*, 33 (1),191-202
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5. R. Naila, Jahangir, F. (2017). Explanatory mode of Illness of the Patients with Schizophrenic and role of Education Intervention. *Journal of Schres* 190. 68-73
6. R. Chianti, Jahangir, S. F. (2017). Development of stages of Children's. Historical perspective and its Implication today's elementary art education program. *Journal of Pakistan Heritage* 9. 171-184
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### **Institute of Peace and Conflict Studies**

1. Sajid, I. A. (2018). The Status of Peace and Conflict Studies Research in Pakistan: A Study of HEC Recognized Journals. *Pakistan Journal of Peace and Conflict Studies*, 3(1), 15-21.
2. Soherwordi, S.H.S. (2018). Conflict Resolution Strategies and the Issue of Kashmir: Contextualizing Peace in the Post-colonial era in South Asia. *Pakistan Journal of Peace and Conflict Studies*, 3 (1), 1-20.
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## Department of Sociology

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4. Muhammad, N. (2018). Negligence of government in establishing Borstal institution and its impact on the juvenile inmates. *Journal of Research in Ecology: An International Scientific Journal*, 06(01), 1653-1666.
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## Department of Social Work

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6. Dr. Muhammad Ibrar & Dr. Raazia Hassan Naqvi, Community Satisfaction, Current Trends and Future Prospects of Basic Health Units In Pakistan: An Analysis, *Pakistan Annual Research Journal*, Pakistan Study Centre. ISSN: 1990-6579, Volume 53, 2017. Pp 157-191, December, 2017

### **Department of Gender Studies**

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### **Department of Regional Studies**

1. Shah Babar. (2017). “The Indian Muslim Services to Afghanistan & Turkey”, *Al-Idah*, ISSN: 2075-0307,
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## G. Jinnah College for Women

1. Hassan, S.M., & Gul, A. (2018). One Unit and Sardar Abdul Rashid Khan. *Pakistan Perspectives*, 23(01), 29-39.
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4. Khan, A., Obaidullah, Attaullah, S., Sohail, S., Nisar, N., & Ijaz, H. (2018). Sero prevalence of anti HBSAG among female university students of district Peshawar. *Pakistan Journal of public health*, 08(04), 181-184.
5. Attaullah, S. & Haq, B.S. (2017). Correlation of subclinical thyroid dysfunction with dyslipidemia. *Journal of Postgraduate Medical Institution*, 31(02), 142-146.
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8. Durr-e-Nayab (2018). Selective removal of 2,4-dichlorophenol and 2,4,6-trichlorophenol in aqueous solutions by polyaniline-modified magnetic nanoparticles using high-performance liquid chromatography-UV detection. *Desalination and Water Treatment*, 129 (2018) 234–243 October.
9. Lim, L. W., Aziz, F., Ahmad, Z., Roslan, N. A., Supangat, A. & Sulaiman, K. 2019. Planar capacitive type humidity sensor fabricated using PTB7-Th by facile solution processing approach. *Applied Physics A*, 125, 16.
10. Raza, E., Aziz, F. & Ahmad, Z. 2018. Stability of organometal halide perovskite solar cells and role of HTMs: recent developments and future directions. *RSC Advances*, 8, 20952-20967.
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12. Andika, R. Paper titled “A facile route to improve efficiency of bulk heterojunction solar cell by compositional engineering of PCPDTBT:VOPcPhO” was presented in the *International Conference on Renewable Energy and Environment (ICREE)*, Toronto, Canada, November 1-3, 2017.
13. Ishrat Rahim, Oral presentation in 29th National & 17th International Chemistry Conference dated September 06-08, 2018 at Baragali Summer Campus
14. Ishrat Rahim, Poster presentation in 15th National Symposium on Frontiers in Physics at G.C University Lahore dated 29-31 January, 2019
15. Rahim. I. (2018) Synthesis, structural, optical, morphological and multi sensing properties of graphene based thin film devices. *Materials Research Express*, Volume 5, Number 9. Pp 126-132.
16. Rahim. I. (2018) Capacitive and resistive response of humidity sensors based on graphene decorated by PMMA and silver nanoparticles, *Sensors and Actuators B: Chemical* volume 267, Pp 42-50.
17. R. A. Khanum, M. A. Jan, W. K. Mashwani N. Tairan, H. U. khan and H. Shah, 2018, on the hybridization of global and local search methods, *Journal of Intelligent and fuzzy systems*, Vol (35) pp: 3451-3464.
18. R. A. Khanum, M. A. Jan, W. K. Mashwani, H. U. khan and S. Hassan, 2019, RJADE/TA Integrated with Local search for continuous nonlinear optimization, *Punjab university journal of Mathematics*, Vol (51), No. 4, pp 37-49
19. Yasir A, Saima K, Ali Hashmi, Khurshid A. (2018). Transition metal doping: a new and effective approach for remarkably high nonlinear optical response in aluminum nitride nanocages, *New journal of chemistry*, 9(42), 6976-6989

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## Seminars /Trainings /Workshops

### Seminars

1. **Dr. Waqas Ahmad**, Assistant Professor, Institute of Chemical Science, “Increasing the Oxidative Stability of Lubricating Base Oil using biomass Derived Antioxidants” 19<sup>th</sup> to 21<sup>st</sup> September, 2017 at Islamabad.
2. **Prof. Dr. Bushra Hamid**, Institute of Management Studies, “2<sup>nd</sup> IoBM-AMDIP Faculty Colloquim 2017” 19<sup>th</sup> to 26<sup>th</sup> September, 2017 at Karachi.
3. **Dr. Ihsanullah**, Assistant Professor, Department of Geography, “Making Water Studies the Heart of Academic-Universities for Water Network” 21<sup>st</sup> to 22<sup>nd</sup> November, 2017 at Karachi.
4. **Mr. Nadeem Khan**, Lecturer, Institute of Education & Research “Teachers’ Perceptions about Creating Conducive Class Room Environment in Early Childhood Education” (ICORE-2017) 21<sup>st</sup> to 23<sup>rd</sup> November, 2017 at Institute of Education & Research, University of Punjab Lahore.
5. **Dr. Shakeel Ahmad**, Assistant Professor, Department of Social Work, “Assessment of Intellectually Challenged Mislaiy Children in Pakistan: Cases from District Peshawar, Khyber Pakhtunkhwa” 23<sup>rd</sup> to 24<sup>th</sup> November, 2017 at Department of Sociology, Bahauddin Zakariya University of Multan.
6. **Prof. Dr. Bushra Hamid**, Institute of Management Studies, “5<sup>th</sup> Dean / Directors Conference, 5<sup>th</sup> to 6<sup>th</sup> February, 2018 at Karachi.
7. **Prof. Dr. Bushra Hamid**, Institute of Management Studies, “International Conference on China – Pak Economic Corridor: Facts and Fantesies” 27<sup>th</sup> February to 1<sup>st</sup> March, 2018 at Benazir Bhutto Women University Peshawar.
8. **Dr. Ihsanullah**, Assistant Professor, Department of Geography, “6<sup>th</sup> Universities for Water Network” 9<sup>th</sup> to 10<sup>th</sup> February, 2018 at Lahore.
9. **Dr. Mehboob ur Rasheed**, Assistant Professor, Institute of Management Studies, “6<sup>th</sup> Global Forum on Islamic Finance with its Theme of Islamic Finance-Building Sustainable Future” 13<sup>th</sup> to 14<sup>th</sup> March, 2018 at Lahore.
10. **Mr. Faisal Khan**, Lecture, Quaid-e-Azam College of Commerce, “6<sup>th</sup> Global Forum on Islamic Finance with its Theme of Islamic Finance-Building Sustainable Future” 13<sup>th</sup> to 14<sup>th</sup> March, 2018 at Lahore.
11. **Prof. Dr. Bushra Hamid**, Institute of Management studies, “Plagiarized Reforms and Rent Seeking in Higher Education in Pakistan” 23<sup>rd</sup> to 24<sup>th</sup> February, 2018 at University of Sukkar.
12. **Mr. Saif Ullah Khan**, Lecturer, Institute of Management Studies, “The Effect of Life Satisfaction on Political Trust Under the Effect of Gender and Trust in Religious Institutions” 25<sup>th</sup> to 27<sup>th</sup> April, 2018 at Lahore.
13. **Ms. Fatima Khaliq**, Lecturer, Department of English & applied Linguistics, “Sylvia Plath’s Morning song-A Schematic Deviant in Aubades” 16<sup>th</sup> to 17<sup>th</sup> April, 2018 at Muzaffarabad.
14. **Dr. Muhammad Adil**, Assistant Professor, Department of Mathematics, “Majorization Theorems for Strongly Convex Functions” 3<sup>rd</sup> to 5<sup>th</sup> August, 2018 at Islamabad.

## Trainings

1. **Mr. Fazlimabood Khalil**, HR officer, “Human Resource Management” 26<sup>th</sup> to 28<sup>th</sup> December, 2017 at Islamabad.
2. **Mr. Abdullah**, Research officer, “Application of Project Management in MS Project” 11<sup>th</sup> to 13<sup>th</sup> December, 2017 at Islamabad.
3. **Mr. Kashif**, Assistant Treasurer, “Management Employees Performance through Motivation” 04<sup>th</sup> to 06<sup>th</sup> December, 2017 at Islamabad.
4. **Mr. Athar Hussain Bangash**, Deputy Registrar, Planning and Development, “Project Planning and Management of Rural Development Project” 04 to 06<sup>th</sup> December, 2017 at Peshawar.
5. **Mr. Mazhar Ullah**, Deputy Treasurer, “Organizational Leadership and Conflict Management in 21<sup>st</sup> Century for Effective Services Delivery” 11<sup>th</sup> to 13<sup>th</sup> December, 2017 at Peshawar.
6. **Ms. Ayesha Salman**, Treasurer, “Organizational Leadership and Conflict Management in 21<sup>st</sup> Century for Effective Services Delivery” 11<sup>th</sup> to 13<sup>th</sup> December, 2017 at Peshawar.
7. **Mr. Tahir Jan**, Assistant Librarian, “Koha Library Automation Software” 4<sup>th</sup> to 8<sup>th</sup> December, 2017 at Islamabad.
8. **Mr. Muhammad Uzair**, Assistant Registrar, Planning and Development, “Environmental Impact Assessment” 9<sup>th</sup> to 13<sup>th</sup> April, 2018 at Peshawar.
9. **Mr. Muhammad Uzair**, Assistant Registrar, Planning and Development, “Appraisal process for Selection of Community Infrastructure Projects” 24<sup>th</sup> to 26<sup>th</sup> April, 2018 at Peshawar.
10. **Dr. Inamullah Khan**, Assistant Professor, Department of Pharmacy, “Call for application: Young Science Administrators / Managers” 8<sup>th</sup> to 11<sup>th</sup> October, 2018 at Turkey.
11. **Dr. Muhammad Sajid**, Assistant Professor, Department of Geology, “Call for application: Young Science Administrators / Managers” 8<sup>th</sup> to 11<sup>th</sup> October, 2018 at Turkey.
12. **Mr. Muhammad Uzair**, Assistant Registrar, Planning and Development, “Primavera (Project Management Software)” 6<sup>th</sup> to 9<sup>th</sup> February, 2018 at Islamabad.
13. **Mr. Muhammad Uzair**, Assistant Registrar, Planning and Development, “Development of Key Performance Indicators (KPIs)” 20<sup>th</sup> to 22<sup>nd</sup> March, 2018 at Islamabad.
14. **Dr. Anwar ul Haq Ali Shah**, Assistant Professor, Institute of Chemical Science, “Accurate Measurement and Uncertainty Techniques” 12<sup>th</sup> February, 2018 at PCSIR, Peshawar.
15. **Mr. Muhammad Uzair**, Assistant Registrar, Planning and Development, “Methods for Monitoring and Evaluation” 4<sup>th</sup> to 7<sup>th</sup> April, 2018 at Islamabad.
16. **Engr. Hassan Iqbal**, Assistant Director of Works, “Complete Project Cycle Management” 3<sup>rd</sup> to 4<sup>th</sup> May, 2018 at Islamabad.
17. **Mr. Muhammad Shakeel**, Sub Engineer, Directorate of Works, “Complete Project Cycle Management” 3<sup>rd</sup> to 4<sup>th</sup> May, 2018 at Islamabad.
18. **Mr. Habib-ur-Rehman**, Deputy Librarian, Central Library, “Library Management and Digital Resources” 2<sup>nd</sup> to 6<sup>th</sup> April, 2018 at Islamabad.
19. **Mr. Fawad ud Din Khattak**, Assistant Registrar, Admissions Section, “Office Procedure and Management” 9<sup>th</sup> to 11<sup>th</sup> July, 2018 at Peshawar.
20. **Mr. Salman Jan**, Assistant Registrar, Quality Enhancement, “Office Procedure and Management” 9<sup>th</sup> to 11<sup>th</sup> July, 2018 at Peshawar.
21. **Mr. Gohar Rahman**, Deputy Director, Administration, “Office Procedure and Management” 9<sup>th</sup> to 11<sup>th</sup> July, 2018 at Peshawar.

## Workshops

1. **Prof. Dr. Bashir Ahmad**, Dean, Faculty of Life & Environmental Science, “Organic Food and Health: Avenues of Innovation and Entrepreneurship” 30<sup>th</sup> November, 2017 at University of Engineering and Technology, Peshawar.
2. **Ms. Sahar Nigar**, Lecturer, Centre of Biotechnology & Microbiology, “Organic Food and Health: Avenues of Innovation and Entrepreneurship” 30<sup>th</sup> November, 2017 at University of Engineering and Technology, Peshawar.
3. **Dr. Shakeel Ahmad**, Assistant Professor, Department of Social Work, “Innovative Rural Community Development Models” 22<sup>nd</sup> to 26<sup>th</sup> October, 2018 at Indonesia.



**A walk organised at College of Home Economics University of Peshawar to mark national level clean and green drive**

## Office of Research, Innovation and Commercialization

The core aim of Higher Education Commission of Pakistan (HEC) is to develop and maintain a dynamic and internationally competitive research sector in the country that will make a positive contribution towards economic growth and prosperity. In order to achieve the core objective, HEC has taken the initiative by launching a program to fortify the research culture in the country and universities have shown tremendous growth and improvement in the area of research. Many research publications by different Pakistani Scholars are published and cited in various international journals and this number is increasing with every passing day. However, this is just a beginning and we need to work harder to sustain and improve this growth.

Furthermore, in pursuit of this core objective and following the directives of Higher Education Commission (HEC) to bring Innovation & Commercialization in Research, a separate office is established to pursue the vision of “Research for Change in Society”. This office is called as Office of Research, Innovation & Commercialization (ORIC).

### Establishment of ORIC at University of Peshawar

In order to achieve the core aim highlighted by Higher Education Commission of Pakistan (HEC), The University has taken an initiative and established a fully functional “Office of Research, Innovation and Commercialization” in April, 2014.

### Core Objective of ORIC

The core objectives of Office of Research, Innovation and Commercialization (ORIC) is to assist in setting and assigning strategic and operational goals of the University and also to build a network with external stakeholders in order to commercialize that research.

### Other Objectives

Other objectives of ORIC, University of Peshawar is to improve the environment for research scholarship schemes and all research activities through:

- Developing the university’s strategic research directions and policies.
- Encouraging technology-transfer, entrepreneurship and commercialization activities that strengthen and sustain the local and national economy.
- To critically improve research activities at The University and also protect intellectual property generated as a consequence of research activities.
- To increase and diversify external research funding.
- Strengthening university-industry relationships.
- Improving translation of research into the public benefit.
- Creating a bridge between research activities directly to the educational, social and economic priorities of the university and its broader community.

In pursuit of this mission, ORIC has the responsibility of guaranteeing that all research programs and policies reflect the core values of academic freedom, professional integrity and ethical conduct and full compliance with all policies, legal requirements and operational standards of the university.

## ORIC ROLE

ORIC consists of three important wings

1. Research Development and Operation
2. Innovation
3. Research Commercialization / Entrepreneurship

ORIC activities will revolve around the following research cycle to ensure research impact on economy and society.



## Research Support

### (i) Number of Research Proposals Approved for Funding by HEC

S.No.	Title of Research Proposal	Principal Investigator	Department	Amount Approved (Rs. in Million)	Date of Approval
1	Knowledge Based Economy And Social Sciences in Pakistan	Dr. Syed Owais	Department of Sociology	4.14	4.10.2017
2	Teaching Tolerance or Promoting Violence? An Evaluation of the Education System in Khyber Pakhtunkhwa	Dr. Zafar Khan	Department of Sociology	3.97	14.02.2018
3	Waziristan At the Cross current of Social Change, under the theme "State and Society of Pakistan: the Way Forward"	Dr. Syed Sami Raza	Department of Political Science	3.98	10.04.2018
4	Establishment of National Centre in Cyber Security (NCCS)	University of Peshawar Partner Institution	Department of Computer Science	18.93	25.06.2018

### (ii) Number of Research Proposals Approved for Funding (other than HEC Source/Funding)

S.No.	Title of Research Proposal	Principal Investigator	Department	Amount Approved (Million)	Date of Approval	Agency
1	Impact of Conflict and Militancy on children and their Education in Khyber Agency FATA, Pakistan	Dr. Syed Munir Ahmad	Institute of Education and Research	2.5	01.03.18	Provincial HED
2	Evaluation Of Common Type 2 Diabetes Mellitus Risk Variants (Alleles) Through Next Generation Sequencing (NGS) In Pashtun Population Of Khyber Pakhtunkhwa Province	Dr. Zakiullah	Department of Pharmacy	2.5	01.03.18	Provincial HED

S.No.	Title of Research Proposal	Principal Investigator	Department	Amount Approved (Million)	Date of Approval	Agency
3	Value Chain And Supply Chain Analysis Of Perishable Fruits (Phase-I)	Dr. Zilakat Khan	Department of Economics	1.7	12.06.18	Provincial HED
4	Juvenile Justice System And The Rehabilitation Of Juveniles In Pakistan	Prof. Dr. Mohammad Tayyab	Department of Anthropology	2.2	12.06.18	Provincial HED
5	Targeting the Suitable Limestone from different area of Pakistan to be used as Aggregative material	Dr. Sajjad Ahmad	Department of Geology	0.2	27.06.18	DoST

**(iii) Number of Joint Research Projects Approved**

S.No.	Title of Research Projects	Amount Approved Million	Date of Approval	Sponsoring Agency	Collaborating Partner
<b>International</b>					
1	Development of Earth-abundant Nickel Sulfide as Efficient Electro catalyst for Hydrogen Evolution Reaction	KRW 15.00	07.11.2017	Korea Institute of Science and Technology (KIST)	Institute of Chemical Science, University of Peshawar

**(iv) Number of Research Links Established with other HEIs.**

S.No.	Department	Collaborating Agency/Institution	Scope of Collaboration	Date of Link Established
<b>National</b>				
1	Department of Zoology, University of Peshawar	GC University, Lahore	Innovative Biological and Public Health Research	29.11.2017
2	Department of Environmental Sciences, University of Peshawar	Foundation for Research and Socio-Ecological Harmony	Support M.Phil/Ph.D level students	02.11.2017
3	Department of Environmental Sciences, University of Peshawar	Institute of Biotechnology and Genetics Engineering, Agriculture University Peshawar	Climate change and plant: Identifying natural variations	06.05.2017

S.No.	Department	Collaborating Agency/Institution	Scope of Collaboration	Date of Link Established
4	Department of Pharmacy, University of Peshawar	Khyber Girls Medical College, Peshawar	Mutation analysis of Hepatitis C virus	07.07.2017
5	Department of Islamiyat, University of Peshawar	International Research Council for Religious Affairs	Promotion of peace and interfaith harmony	30.08.2017
<b>International</b>				
1	Department of Electronics, University of Peshawar	University of Essex	Effect of optical injection in vertical cavity surface-emitting lasers and electronic engineering	June 2017
2	Department of Physics, University of Peshawar	University of Salzburg, Austria	Satellite data retrieval and processing	18.10.2017
3	National Centre of Excellence in Physical Chemistry, University of Peshawar	University Technology Petronas, Malaysia	Heterogeneous catalysis for renewable energy and biomass conversion to biochemical	22.11.2017
4	Department of Geology, University of Peshawar	University of Houston, America	Scoping study of Jurassic to Eocene succession of the upper Indus basin, Pakistan	23.5.2017
5	National Centre of Excellence in Physical Chemistry, University of Peshawar	China International Technology Transfer Center, Beijing	Focusing on scientists, researchers, innovative start-ups, entrepreneurs, and companies	25.05.2018

**(v) Number of Contract Research Approved**

S.No.	Title of Research	Purpose	Counterpart	Date
1	FATA transition and recovery programme	Realization of activities by the IM studies for implementation of project initiatives	UNDP Pakistan	16.07.2018

## Capacity Building

### (i) Number of Trainings/ Workshops/ Seminars arranged on Entrepreneurship, Commercialization and Innovation

S.No.	Title of Training	Date of Event	No. of Participants	Major Focus Area	Audience Type
<b>National Workshops/ Trainings</b>					
1	National financial literacy program	Dec, 2017	10	Financial literacy	Students
2	USAID FMD AND IFMP Joint Training Database	Oct, 2017	37	Improving of Human resource in fixed income market	Students
3	Youth Volunteerism & E-Governance by Pakistan Youth Change Advocates	Jan, 2018	50	Youth Volunteerism & E-Governance	Students

### (ii) Ideas Competition /Innovation/ Entrepreneurial Competitions

S.No.	Title of competitions	No. of Participant	Date
<b>Ideas Competition</b>			
1	National Youth Carnival 2017	40	Oct, 2017
<b>Innovation/Entrepreneurial Competition</b>			
1	Science And Technology Poster Exhibition	15	2-3 April, 2018

### (iii) Participation of Students / facult in Trainings/Workshops/Seminars on Entrepreneurship, Commercialization and Innovation etc. arranged by other HEIs.

S.No.	Title of the Trainings /workshops	Date of Event	Name of HEI	Major Area of Training	Number of Participant	Audience Type
1	Training on organizational development	28-31.03.2017	Community World Organization	Organizational development	12	Students / Faculty
2	Regional Dynamics and Strategic Concerns in South Asia	15.11.2017	Islamabad Policy Research Institute	Research policy	3	Faculty
3	Geological Field Trip	20-04.2018	PAPG	Geological techniques	75	Students / Faculty
4	Pre-promotion training course	22.06.2018	Local Government Khyber Pakhtunkhwa	Social political and economic system	6	Faculty

**(iv) Participation of Faculty / Students in Trainings/ Workshops/Seminars arranged by other HEIs.**

<b>S.No.</b>	<b>Title of the Training /workshop</b>	<b>Date of Event</b>	<b>Name of HEI</b>	<b>Major Area of Training</b>	<b>Number of Participant</b>	<b>Audience Type</b>
1.	Pink Ribbon Day	19.12.17	KRIBBN	Awareness	45	Students
2.	Climate Change Threats to Agriculture and Food Security	22.10.17	University of Agriculture	Climate Change	40	Students
3.	UU-PAS Faculty Development Workshop	10.09.17	Pakistan Academy of Science, Islamabad	Faculty Development	45	Faculty
4.	3 days curriculum based workshop in the Social Work	17.07.17	Higher Education Commission	Curriculum	75	Faculty
5.	International conference on Causes & Consequences of HIV/AIDS	2017	University of Malakand	HIV/AIDS	45	Faculty
6.	Action review of Dengue outbreak in KP Province	Dec,2017	Government of Pakistan	Dengue outbreak	104	Faculty
7.	9 <sup>th</sup> Chemistry Conference 2017	19.09.17	Pakistan Atomic Energy Commission	Chemistry in engineering and life sciences	40	Faculty
8.	3 <sup>rd</sup> Invention to Innovation Summit 2017	30.11.17	University of Engineering & Technology Peshawar	Invention & Innovation	150	Students
9.	3 Days Certified Training Program	23.11.17	CHRC	Analytical and critical thinking	35	Faculty
10.	International conference on emerging trends in material sciences	27.02.18	Islamia College Peshawar	Material sciences	50	Students
11.	Pakistan Congress of Zoology (international)	27.02.18	University of Punjab	Congress of Zoology	75	Students/ Faculty
12.	A serious threat	14.03.18	University of	Threat to	50	Faculty

S.No.	Title of the Training /workshop	Date of Event	Name of HEI	Major Area of Training	Number of Participant	Audience Type
	to human and livestock		Science & Technology, Kohat	human and livestock		
13.	International conference on Emerging Trends in Material Sciences	27.02.18	Islamia College Peshawar	Material sciences	50	Students
14.	One day Seminar on Quraan, Chemistry and Biomimcry	06.04.18	NCEPC	Chemical evaluation	50	Students
15.	Plant Resources: Current Trends, Challenges and Solutions	23.03.18	Islamia College Peshawar	Plant Resources	60	Students
16.	International Conference on Green & suitable Chemical Sciences	03.03.18	Dawood University of Engineering and Technology	Green & suitable Chemical Sciences	50	Faculty
17.	National conference on Library and research	27.03.18	KKKU, Karak	Library and research	70	Students
18.	National curriculum revision	19.04.18	Higher Education Commission	Curriculum	50	Faculty
19.	The Congress 2018	28.05.18	University of Regina, Saskatchewan Canada	Experiences with Basic health	60	Faculty
20.	Pakistan Mathematics Society	17.08.18	Pakistan Mathematical Society	Algebra, analysis & geometry	50	Faculty

**(v) Number of Trainings / Workshops / Seminars attended by ORIC personnel**

<b>S.No.</b>	<b>Name of Participant &amp; Designation</b>	<b>Title of the Workshop &amp; Venue</b>	<b>Date of Event</b>	<b>Major Area / Discipline</b>	<b>Organized by</b>
1	Mr. Abdullah	Application of Project Management in MS Project	13.12.2017	Project management	Pakistan Manpower Institute, Govt. of Pakistan
2	Dr. Zia Obaid	Workshop on Patent Database	13.03.2018	Patent database search	Higher Education Commission, Pakistan



**A representative group of British Council and Knowledge Platform pose for a group photo after an extensive meeting under the aegis of ORIC Directorate to explore avenues of cooperation and lobbying for educational uplift and ventures**

# Chapter-3

## Quality Assurance

## Quality Assurance

### Introduction

Realizing the challenges to be faced in the field of higher education during 21st century, impact of globalization and the need for knowledge based economy the The University has established the Directorate of Quality Enhancement in 2005. The focus was to improve the standard of education and research and make it compatible with international requirements. It is believed that the issue of quality enhancement cannot be separated from the quest of excellence.

Quality Assurance (QA) provides means by which an institution can guarantee with confidence and certainty, that the standards and quality of its educational provision are being maintained and enhanced. For the quality assurance process, the QE acts as a focal point to hold the quality of higher education and research. It works with Quality Assurance Agency of Higher Education Commission in the process of capacity building of academia, awareness campaigns, training of teachers for preparing Self-Assessment Reports (SARs) of the various teaching programmes in their respective departments. In this regards through a system of surveys and feedback the QE attempts to protect the interest of students, teachers, employers, and other stakeholders in the field of higher education.

### Vision

To enhance the quality of education rendered at the University through implementation of Quality Assurance practices and to meet international compatibility in terms of offering quality of services to various stakeholders.

### Mission

The mission of the Directorate of Quality Enhancement is to support general mission of the The University through enhancing quality of research, teaching and implementation of quality assurance practices within the University.

The Directorate of Quality Enhancement is committed to serve students, faculty and administration of the University.

### Aims and objectives

The Directorate of Quality Enhancement is committed to achieve the following:

#### Quality Promotion

The development of a program of activities to institutionalize a quality culture in higher education and a commitment to continuous quality improvement.

#### Capacity Development

The development and implementation of initiatives to build and strengthen the capacity for high quality provision at institutional, learning program and individual levels.

#### Faculty Assessment

Measurement of the expected outcome/performance from individual faculty member through standard internationally evaluated and tested procedures after having provided the requisite teaching and research infrastructure and facilities.

## Departmental Reviews

Measurement of the performance of each Academic Department/Institute/Center through conducting annual review based on the standard parameters set for this purpose.

## Accreditation

Regular assessment and review of the institutes and colleges affiliated with the The University in order to assure the quality of the teaching staff and the teaching and training provisions provided to the students

## Impact of Implementation of Quality Assurance practices in the University

The Directorate of Quality Enhancement monitors quality at Teaching and research levels. The research quality is monitored through checking whether applicant has published paper in HEC recognized national/international journal or otherwise. Similarly, the originality of research is checked through turnitin.com. The implementation of internal/external quality assurance at The University has improved the following area:

1. Teaching/research performance of TTS faculty members
2. Accreditation of various programs
3. Quality of MS/MPhil and PhD Programs
4. Teaching methodology of the faculty members on various levels i.e. undergraduate, postgraduate, MS/M.Phil & Ph.D.
5. Originality of research work conducted by students and faculty members
6. Writing skills of students and faculty members
7. Improvement in curriculum for various degree programs
8. Ranking of University

## Accomplishments during the Reporting Period

The Directorate of Quality Enhancement has implemented HEC plagiarism policy in the University and it checks the research documents for similarity index using turnitin.com. As per HEC policy strict measures are followed in processing cases, both at the proposal and final submission thesis/dissertation stage. Anti-Plagiarism test is conducted at both stages.

During the reporting period, the Directorate scrutinizes the following number of documents through Anti-Plagiarism test:

- |  |     |
|--|-----|
| 1. Number of MPhil Thesis:             | 395 |
| 2. Number of PhD Thesis:               | 147 |
| 3. Number of MPhil Research Proposals: | 387 |
| 4. Number of PhD Research Proposals:   | 187 |

The Directorate of Quality Enhancement also provides the anti-plagiarism test facility to other universities. Revenue is generated from this function. Following is the details of tests conducted/processed during the year 2017-18:

Name of University	No. of M.Phil Thesis checked	Revenue Amount
City University	25	Rs. 75000/-

## Remuneration claims submitted by faculty members for publishing papers in national/international journals

This Directorate also processes remuneration claims for research papers after checking journal recognition status of individual journal. During the reporting period, the Directorate processed 223 numbers of remuneration claims.

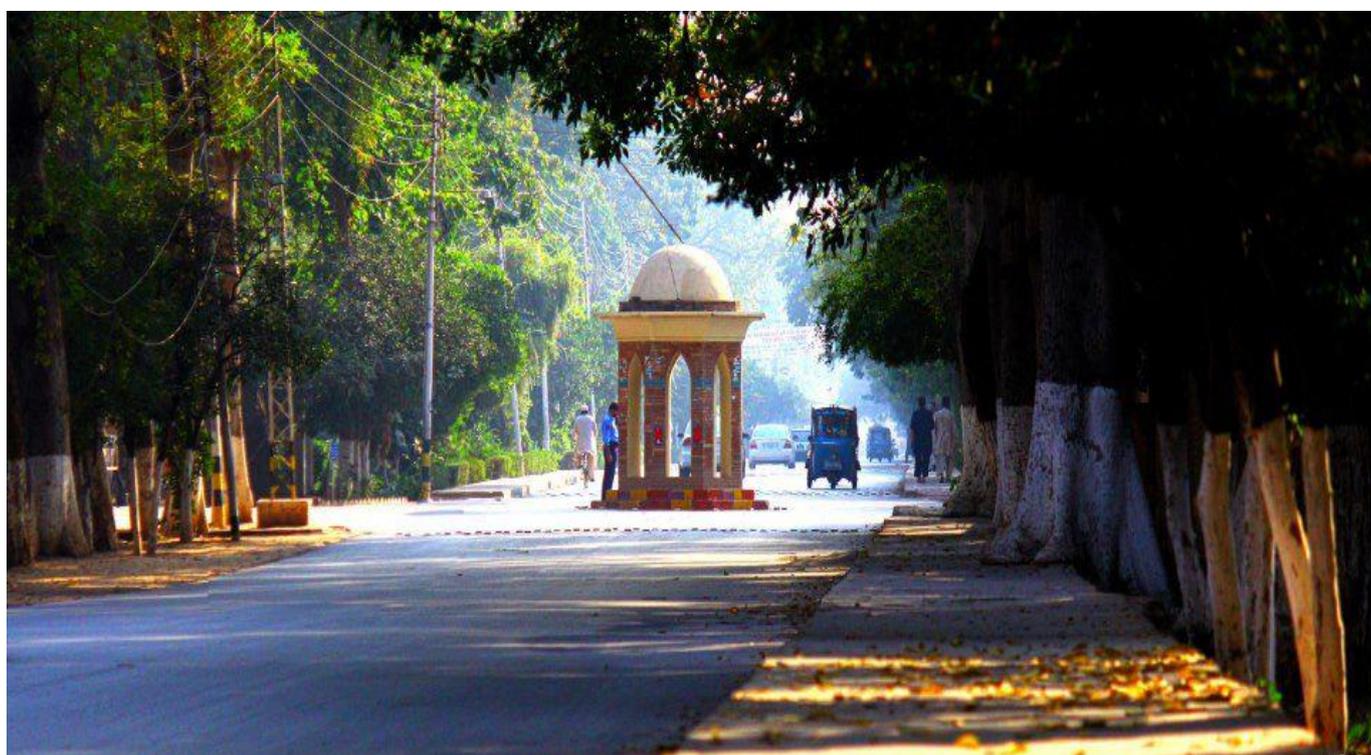
### Accreditation of Programmes

The following academic programmes of the University have been accredited with relevant accreditation council.

1	Department of Pharmacy	(Pharma -D )	Pharmacy Council of Pakistan (PCP)
2.	Institute of Education & Research	(B.Ed, M.Ed)	National Business Education Accreditation Council (NBEAC)
3.	Department of Urban & Regional Planning	(BS)	Pakistan Council for Architect and Town Planner (PCATP)
4.	Department of Computer Science	(BS, M.Sc)	National Computing Education Accreditation Council (NCEAC)
5.	Law College	(LLB)	Pakistan Bar Council (PBC)

The Following programmes are in the Process of Accreditation.

1.	Institute of Management Studies	(BBA, MBA)	National Business Education Accreditation Council (NBEAC)
2.	Department of Electronics	(BS)	National Technology Council (NTC)
3.	Centre of Biotechnology & Microbiology	(BS)	National Technology Council (NTC)



VC Chowk, University of Peshawar

# Chapter-4

## Faculty Development

## Overall Teaching Strength

Faculty	Male	Female	Total
Professor	67	20	87
Associate Professor	24	18	42
Assistant Professor	141	60	201
Lecturer	107	120	227
<b>Total</b>	<b>339</b>	<b>218</b>	<b>557</b>

## In-Service Professional Development Programmes

S.No.	Title of Trainings	Date of Event	Participants	Sponsoring Entity
1.	Teaching Practicum	01-09-2017	Faculty	University of Peshawar
2.	Education Measurement & Evaluation: Test Items Construction	10.09.2017	Faculty	University of Peshawar
3.	Semester Regulations	30.09.2017	Faculty	University of Peshawar
4.	Capacity Building in Account and Book Keeping	04.10.2017	Faculty	University of Peshawar
5.	Motivation and Learning: An Educational Psychological	11.10.2017	Faculty	University of Peshawar
6.	Logic: Analytical and Critical Thinking	20.11.2017	Faculty	University of Peshawar
7.	Quantitative Data Analysis Techniques using SPSS	14.12.2017	Faculty	University of Peshawar
8.	Curriculum	19.04.2018	Faculty	Higher Education Commission
9.	Experiences with Basic health	28.05.2018	Faculty	University of Regina, Saskatchewan Canada
10.	Algebra, analysis & geometry	17.08.2018	Faculty	Pakistan Mathematical Society

# Chapter-5

## Access

## Access

### Basic Enrollment and Gender Wise Details

Undergraduate			Postgraduate			Total
Male	Female	Sub-Total	Male	Female	Sub-Total	
5083	2213	<b>7296</b>	1757	1177	<b>2934</b>	<b>10230</b>

MS/M.Phil			Ph.D			Total
Male	Female	Total	Male	Female	Sub-Total	
471	355	<b>826</b>	334	127	<b>461</b>	<b>1287</b>

### Afghan / Foreign

Undergraduate			Postgraduate		
Male	Female	Total	Male	Female	Total
41	12	<b>53</b>	17	7	<b>24</b>
<b>Sub Total : 77</b>					
<b>Grand Total = 11594</b>					

### Equity

The University is open to all for admission and no such person shall be denied the privilege to take admission on ground of gender, religion, creed, caste, race, class, colour or domicile.

### Teacher Students Ratio

No of Students	No of Faculty	Faculty Student Ratio
<b>11594</b>	<b>557</b>	<b>1:21</b>

### Meetings of Advanced Studies and Research Board

Programme	Date	Programme	Date
Ph.D	18-10-2017	Ph.D	06-03-2018
	30-11-2017		04-04-2018
	15-12-2017		07-05-2018
			05-06-2018
			12-07-2018
			16-08-2018

## Examinations Section

### Fresh Students Enrolled at Affiliated Non- Professional Colleges (Discipline Wise)

Level of Degree	Discipline	Duration of Degree	2018	Total Enrolment 2018
<b>Bachelor</b>	Bachelor of Arts	2 Year	2932	5,858
	Bachelor of Science	2 Year	2661	4521
<b>Master</b>	<b>Arts/ Humanities</b>			
	Master of Arts in English	2 Year	49	66
	Master of Arts in Anthropology	2 Year	13	22
	Master of Arts in Archaeology	2 Year	15	20
	Master of Arts in History	2 Year	29	41
	Master of Arts in Philosophy	2 Year	4	8
	<b>Social Science</b>			
	Master of Arts in Gender Studies	2 Year	6	13
	Master of Arts in International Relations	2 Year	56	87
	Master of Arts in Political Science	2 Year	91	130
	Master of Arts in Social Work	2 Year	49	70
	Master of Arts in Sociology	2 Year	38	47
	Master of Science in Economics	2 Year		
	Master of Science in Psychology	2 Year	51	97
	<b>Natural Sciences</b>			
	Master of Science in Electronics	2 Year	15	58
	Master of Science in Mathematics	2 Year	58	135
	Master of Science in Physics	2 Year	56	96
	Master of Science in Disaster Management	2 Year	31	36
	Master of Science in Geography	2 Year	37	51
	Master of Science in Botany	2 Year	82	88
	Master of Science in Statistics	2 Year	26	48

**Fresh Students (1st year 1st semester) Enrolled at Affiliated Professional Colleges  
(Commerce, Education, Engineering, Law and Medical)**

Discipline	Level of Degree	Duration of Degree	2018	Total Enrolment 2018
<b>Medical</b>	<b>Bachelor</b>			
	Doctor of Pharmacy (Pharm-D)	5 Year	135	152
	<b>Master</b>			
	Master of Science in Zoology	2 Year	54	62
	Master of Science in Chemistry	2 Year	81	147
	Bachelor of Homoeopathic Medical System	2 Year	0	0
	Master of Public Health (M.P.H)	2 Year	0	16
	MS/ M. Phil			
	PhD			
	Post Graduate Diplomas			
	Postgraduate Diploma in Petroleum Technology	1 year	0	11
<b>Engineering</b>	<b>Bachelor</b>			
	<b>Master</b>			
	MS/ M. Phil			
	PhD			
	Postgraduate Diploma in Petroleum Technology	1 Year	14	14
<b>Business/Commerce/CS&amp;IT</b>	<b>Bachelor</b>			
	Bachelor of Business Administration (Honours)	4 Years	224	307
	Bachelor of Commerce	2 Years	759	1121
	<b>Master</b>			
	Master of Arts in Journalism & Mass Communication	2 Year	50	70
	Master of Business Administration (One & half year)	one & half year	130	140
	Master of Business Administration (Three & half years)	3 & half years	106	136
	Master of Library & Information Sciences	2 year	44	76
	Master of Commerce (One Year)	1 year		
	Master of Commerce (Two Years)	2 year	352	470
	Master of Science in Computer Science	2 year	91	130
	Master of Science in Economics	2 year	58	109
	MS/ M. Phil			
PhD				
Post Graduate Diplomas				
<b>Law</b>	<b>Bachelor</b>			
	Bachelor of Laws	3 years	0	0

		Master			
Discipline	Level of Degree	Duration of Degree	2018	Total Enrolment 2018	
Law	PhD				
	Post Graduate Diplomas				
Education	<b>Bachelor</b>				
	Bachelor of Education	1 year	0	271	
	Associate Degree in Education	2 years	181	221	
	<b>Master</b>				
	Master of Education	1 year	192	218	
	MS/ M. Phil				
	PhD				
	Post Graduate Diplomas				
Level of Degree	Discipline	Level	2018		
			New Registration	Appeared	Passed
Bachelor	Bachelor of Arts	Part-I	7178	15330	2133
		Part-II	NIL	8681	2526
	Bachelor of Science	Part-I	269	326	246
		Part-II	NIL	265	194
Master	<b>Arts/ Humanities</b>				
	Master of Arts in Arabic	Previous	129	171	Result Awaited
		Final		190	Result Awaited
	Master of Arts in English	Previous	552	924	Result Awaited
		Final		300	Result Awaited
	Master of Arts in History	Previous	81	102	Result Awaited
		Final		60	Result Awaited
	Master of Arts in Islamiyat	Previous	3206	4156	Result Awaited
		Final		3359	Result Awaited
	Master of Arts in Pashto	Previous	182	365	Result Awaited
		Final		240	Result Awaited
	Master of Arts in Persian	Previous	4	4	Result Awaited
		Final		1	Result Awaited
	Master of Arts in Philosophy	Previous	10	17	Result Awaited
		Final		4	Result Awaited
	Master of Arts in Urdu	Previous	737	1632	Result Awaited
		Final		983	Result Awaited
	<b>Master of Arts in International-Relations</b>				
	Master of Arts in International-Relations	Previous	397	884	Result Awaited
		Final		743	Result Awaited
	Master of Arts in Political Science	Previous	748	1270	Result Awaited
		Final		545	Result Awaited
	<b>Master of Science in Economics</b>				
Master of Science in Economics	Previous	523	1089	Result Awaited	
	Final				

## Semester Wise Students Enrollment

Level of Degree		2009	2010	2011	2012	2013
BBA	Business / Commerce / Computer Science / IT	187	215	197	223	200
BCS		167	140	155	198	267
MBA		114	184	198	181	156
MA History only		55	87	91	75	112
Diploma		37	52	88	79	112
M.Phil		11	14	7	9	17
MS		2	5	11	8	6
MS/M.Phil	Medical	3	7	9	12	19
PH.D		0	0	0	2	3
M. Sc		78	112	126	172	156
Master	LAW	2	3	6	8	13
MS/ M. Phil		2	4	6	7	9
Master		13	15	18	13	12
M.Phil	Education	3	4	2	7	9
PH.D		2	5	7	7	9
Diploma		13	17	20	25	32



**Top position holders of B.A / B.Sc annual examinations alongwith their parents pose for a group photo with the dignitaries of the University of Peshawar.**

# Chapter-6

## University Building Economies

## University Building Economies

### University – Industry Linkages

Commercialization is the process that converts ideas, research, or prototypes into viable products that retain the desired functionality, while design them to be readily produced at low cost and launched quickly with high quality design. Commercialization also involves creating industrial linkages, and development of creative business plans. Once the physical infrastructure and human resource segments are fully developed, ORIC will initiate developing and establishing business and consultancy related links with several industries of Khyber Pakhtunkhwa.

Initially, many of the leading countries relied on the traditional resources, such as labour and capital, to create wealth and fuel economic growth. However, with globalization, emerging trends, and technological advancements in the present highly dynamic economic, most of them have gradually shifted to knowledge-based economies.

At the same time the University is striving to find ways to produce relevant knowledge and disseminate existing knowledge for its development. Similarly, ORIC has capitalized on creating new knowledge and innovation and adapting new technology to drive their progress in economic growth of the country.

In order to step forward in establishing university – Industry linkages, business incubation centre was proposed in a development project which has been approved by Higher Education Commission. Business incubation center will attract the investors / researcher / faculty / student who will provide consultancy services in the areas of businesses, horticulture, medicinal plants, fisheries, gemstones, environmental assessment, psychiatry advices, human skill development, competitive test preparation like CSS, PMS etc. This linkage will not only be meant for local people but people living at far flung areas like FATA, PATA, and even cities other than Peshawar. The scope will be expanded in view of inclination of the people in term of demand.



**Business Incubation Centre**

### Objectives

- To support University Research Initiatives.
- To Link the University's Research Community with the needs and priorities of Corporate Sector.
- To Develop Opportunities for Applied Research and Technology Transfer.
- To follow-up and Enhance the commercialization process in University, research Products.

# Chapter-7

## Strengthening of Physical Infrastructure

## Strengthening Physical Infrastructure

### Development Projects (Completed)

1. Rehabilitation and Upgradation of Rehman Baba Hostel No.2  
Completion Cost =24.54 Million



2. Rehabilitation and Upgradation of Khushal Khan Khattak Hostel No.1  
Completion Cost =24.42 Million



**3. Rehabilitation and Upgradation of Quaid-E-Azam International Hostel**  
**Completion Cost =13.99 Million**



#### 4. Rehabilitation and Upgradation of Teachers Hostel (STC)

Completion Cost =16.55 Million



#### Development Projects (Ongoing)

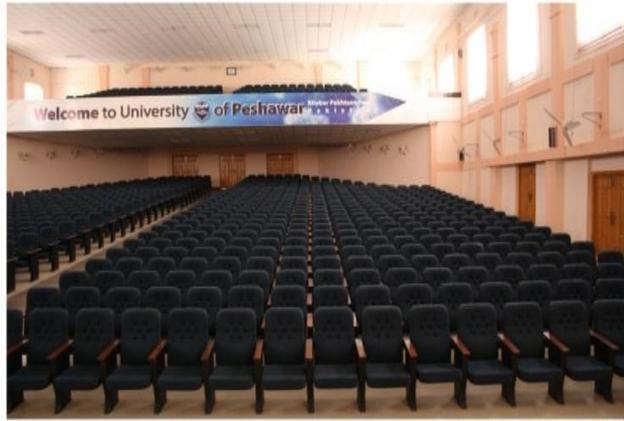
##### HEC Funded Projects

#### 1. Strengthening of University of Peshawar

The project is mainly focused on achieving objectives of MTRF 2005-10. The said project was approved by HEC in 2011 with a capital cost of Rs. 605 Million. A Revised PC-I worth Rs. 736.253 Million was submitted to HEC in May 2017 which has been approved with a completion period up to 30<sup>th</sup> June 2019.

##### Objectives of the project

1. To provide trained human resources for sustainable development in terms of skilled and knowledgeable manpower.
2. To provide infrastructural and allied facilities for broad based quality education for preparing students for qualitative research and professional training.
3. To improve access to higher education.
4. To develop an atmosphere for linkage between academia and industry.
5. To provide congenial environment for growth of academic activities
6. To strive for economic growth through knowledge-based society.
7. To help in the international recognition of academic Programmes.
8. To help and train our graduates to compete at international level.
9. To extend useful life of existing buildings
10. To update the level of teaching and research necessary equipment
11. To strengthen the science labs chemicals and glassware



**Rehabilitation of Convocation Hall, University of Peshawar**

### Summary of the Capital Cost

S.No.	Sub-Head	Approved PC-1 Cost (Million)	Revised PC-1 Cost (Million)
1.	Civil Works		
i.	Rehabilitation	203.190	263.652
ii.	Extension Work	62.273	91.956
iii.	New Construction	10.660	18.771
iv.	External Development	43.107	52.717
2.	Equipment	123.149	138.289
3.	Furniture and Fixture	24.315	42.547
4.	Campus Management Solution	48.212	78.270
5.	Capacity Building - Four Offices	22.537	22.365
6.	Human Resource Development	33.060	0.458
7.	Project Staff Salaries	8.534	16.441
8.	Consultancy Costs @ 5 %	15.963	0.789
9.	Contingency	10.000	10.000
<b>Total</b>		<b>605.000</b>	<b>736.253</b>

## **2. Strengthening of Academic and Professional Facilities at University of Peshawar**

The current project is in line with the vision (2025) of Government of Pakistan which will be financed by HEC for a period of 3 years under Public Sector Development Programme.

### **Aims and objectives of the Project**

#### **a. Research Innovation**

If the advance research laboratory is upgraded with sophisticated and modern equipment's as per the need of the time, then the University would be able to contribute by creating conducive environment for carrying out research and developmental activities which is not only beneficial to the researcher and the community, but for the institution as well.

#### **b. Enhancing of Ranking of University**

With upgradation of research laboratories researchers would be able to carry out more qualitative type of research, which will ultimately help by improving the University ranking. Moreover, it will also enhance the stature of researcher in view of sophisticated and modern type of equipment as needed for research assignments, hence creating zeal and enthusiasm, for conducting more and more advance research, from micro to macro status.

#### **c. Industrial Linkages**

The proposed project establishing therein incubation centre will attract the investors/ researcher / faculty / student who will provide consultancy services in the areas of businesses, horticulture, medicinal plants, fisheries, gemstones, environmental assessment, psychiatry advices, human skill development, competitive test preparation like CSS, PMS etc. This linkage will not only be meant for local people but people living at far flung areas like FATA, PATA, and even cities other than Peshawar. The scope will be expanded in view of inclination of the people in term of demand.

#### **d. Library Automation and Digitalization**

##### **i. Library Automation System**

At present, the Central Library is utilizing *winsis* software since 2001, which caters to the need of bibliographic information of books and theses only thus having very limited scope and function. In the proposed project, focus will be on implementation of a complete integrated library system, which will automate all the basic library functions and its information leading to enhancing efficiency of library staff on one side and the end users of library on the other side by getting required information for research purposes round the clock.

##### **ii. Development of Digital Repository**

To digitize the archival collection (including old theses and dissertations, journals, newspapers, conference proceedings, patents, meetings, agendas and minutes, and other reports) placed in the library. The basic goal of the Digitization Project is to overcome the physical space problems of the library and to make 24/7 accessibility of research products and services to library users.

##### **iii. Development of Internet Cell**

The Internet Cell will be equipped with latest computers and high bandwidth internet facility enabling scholars to have easy and fast access to digital repository and HEC digital library, which will save the time of end users.

#### iv. Audio Visual Corner

To develop an audio-visual corner in the library whereby students will access study material available in DVD, CD and Audio/ Video Cassettes formats and AV Corner will be of great help to visually impaired students.

#### Summary of Capital Cost

S.No.	Item	Total Cost (Million PKR)		
		Local	FEC	Total
1.	Civil Work	139.914	-	139.914
2.	Equipment	120.999	441.782	562.780
3.	Furniture and Fixture	21.422	-	21.422
4.	Books and Journals	25.000	28.500	53.500
5.	Implementation Staff	8.639	-	8.639
6.	Contingency	10.000	-	10.000
<b>Total</b>		<b>325.973</b>	<b>470.282</b>	<b>796.255</b>



Post Completion View of Central Library



Post Completion View of Business Incubation Centre

## Provincial Government Funded Projects

### 3. Institute of Criminology and Forensic Sciences, University of Peshawar

The project is based on vision of Government of Khyber Pakhtunkhwa with a focus on improving the quality of education and research.

#### Main Components of the Project

The following facilities shall be provided to the students and faculty members of the ICFS.

- a) Independent building.
- b) Internships/field work (with law enforcement agencies and other organizations – government and private – working on any criminological issue).
- c) Fully equipped computer lab.
- d) Library.
- e) Forensic Science Laboratory (to be used for teaching and research purposes by students and teaching faculty. It will also be utilized by the law enforcement agencies in crime investigation, training, and research).

#### Objectives and benefits

The proposed institute will generate a pool of students duly qualified in criminology and forensic sciences who would be an asset to the law enforcement agencies. It will generate an academic and professional approach towards policy formulation in crime prevention, public protection, victim support, and offenders' rehabilitation.

The performance and quality of work of the graduates will improve as a result of better training, and more exposure to real world economic activities. This will in turn improve the performance and productivity of the nation as a whole.

The proposed project will provide a platform to the faculty and students to interact with scholars, and peers in exchange of information, ideas and developing contacts for mutual interests, especially Khyber Pakhtunkhwa in toto and generally FATA, Baluchistan, AJK, are the targeted areas.



Post Completion view of Institute of Criminology and Forensic Sciences, University of Peshawar

## Summary of Capital Cost

S.No.	Item	Total Cost (Million PKR)	
		Local	Percentage
1.	Civil Work	99.978	55.36
2.	Furniture and Fixture	10.363	5.74
3.	Equipment	19.533	10.82
4.	Conferences (Regional, National, and International)	8.000	4.43
5.	Books and Journals	14.469	8.01
6.	Forensic Science Lab	27.081	14.99
7.	Implementation Staff	1.181	0.65
<b>Total</b>		<b>180.605</b>	<b>100.00</b>

### 4. Support to Pashto Academy, University of Peshawar

The current project was approved by Provincial Government through the forum of DDWP (Departmental Development Working Party). The amount of approved fund is Rs. 40.075 million with the completion cost of 24 months. The main components are as under:

#### Main Components of the Project.

1. Publication of consolidated Pashto dictionary, which is in 15 volumes and its online availability.  
Re printing of Pashto to Urdu dictionary
2. Preservation of Pashto Manuscripts.
3. Library infrastructure extension for seminars and preservation of valuable and precious manuscripts.
4. International, national and regional conferences.
5. Pashto dialects project.
6. Printing and re-printing of rare books, research work, manuscripts editing, composing and publishing and translation books.
7. Pashto composing certificate and computer training course of one month.

#### Aims and Objectives of the Pashto Academy

1. To encourage writers, poets, researchers and students to develop and promote the Pashto language and its literature so that it can be brought at par with other advanced languages.
2. To conduct and undertake research work regarding classical and modern Pashto literature on scientific lines.
3. To translate the renowned masterpieces of international literature to Pashto.
4. To translate the Pashto masterpieces into other major languages of the world.
5. To carry out a thorough search for the hidden treasures of Pashto language, its literature, history and culture and undertake proper editing compilation and publication thereof.
6. To compile a comprehensive dictionary of Pashto language amassing therein the words, the idioms, the proverbs, the phrases, the technical terms and dialects of the language.
7. To extend academic assistance to Pashto writers and poets regarding research papers and books.
8. To collect/buy, research, publish and preserve old Pashto manuscripts from different places, institutions and individuals.
9. To collect important information about the different languages which are related to Pashto for the purpose of research.

10. To publish, periodically, a standard Research Pashto Journal on Pashto language literature, history, culture, folk-lore, the arts and other relevant fields.
11. To maintain linkages with Pashto creative writers through a periodically published magazine containing creative literature.



**Post Completion view of Building extension of Pashto Academy**

### Summary of Capital Cost

S.No.	Item	Total Cost (Million PKR)	
		Local	Percentage
1.	Civil Work	17.030	42.50
2.	Furniture and Fixture	2.238	5.59
3.	Preservation and Printing of Ancient Manuscripts	2.647	6.61
4.	Printing and Publishing of Dictionaries	1.938	4.83
5.	Printing of Valuable Books	5.159	12.87
6.	Pashto Dialects Project	2.000	4.99
7.	Photocopying and Binding of Rare Books	0.325	0.81
8.	Conferences (Regional, National, and International)	6.500	16.22
9.	Pashto Composing Certificate	0.380	0.95
10.	Implementation Staff	0.690	1.72
11.	Contingency @ 3%	1.167	2.91
<b>Total</b>		<b>40.075</b>	<b>100.00</b>

## Laboratory and Research Equipment

### 1. Centralized Resource Laboratory (Physics)

#### Introduction

Research laboratories are the basic requirement of any good educational institution, where both the students and teachers (researchers) see the science in its real sense. Research laboratories are so important today that we cannot separate teaching from research in any institution of higher learning. The standard of any institution of higher studies is determined by the quality of research being conducted along with the quality of its graduates produced.

The idea of establishing the Centralized Resource Laboratory (CRL) is to provide facilities to teaching and research community where modern, sophisticated and state of the art equipment are replaced. Such equipment's are chosen which are of diverse use and are beyond the purchase power of an individual department to avoid duplication of expensive equipment's and to get their maximum use. Most of these equipment's are housed in the CRL.

The source of funding of these equipments is the Government of Pakistan through HEC. The initial work on the laboratory started in June 2001 and in five years' time all the equipment's were imported, working environment created and equipment were installed. The idea of establishment of CRL is appreciated by Ministry of Science and Technology and HEC so much that they advised other universities to establish similar laboratories. The laboratory is still in a developing process. Some new equipment have arrived and is under installation process.

### **Analytical Facilities at CRL**

#### **The Equipment's installed at Centralized Resource Laboratory to facilitate the users in research and industries are:**

- a. 200KV Transmission Electron Microscope (JM 2100, JEOL, Japan) with EDX (INCA100/ Oxford instruments, U.K)
- b. 30KV Scanning Electron Microscope (JSM5910, JEOL, Japan) with EDX (INCA200/ Oxford instruments, U.K)
- c. Inverted Metallurgical Microscope (PMG-3, Olympus, Japan)
- d. X-ray Diffractometer (JDX 3532, JEOL, Japan)
- e. Universal Testing Machine (Extension, Compression, Bending) up to 100KN (Testometric U.K. 100-500KN)
- f. Atomic Absorption Spectrometer (Perkin Elmer A Analyst 700)
- g. High Performance Liquid Chromatograph (HPLC) with UV visible detector (Perkin Elmer 200 series)
- h. Gas Chromatograph with FID, TCD, ECD, FPD Detectors (Perkin Elmer Clarus 500)
- i. Thermogravimetric and differential thermal analyzer (TG/DTA) (Perkin Elmer Diamond Series, USA)
- j. Dynamic mechanical Analyzer (DMA) (Perkin Elmer DMA, USA)
- k. Differential scanning calorimeter (DSC) (Perkin Elmer Diamond Series DSC, USA)
- l. Surface Area and Pore Size Analyzer (NOVA 2200e Quanta Chrome, USA)
- m. Ion Beam Thinner (Gatan PIP491, USA)
- n. Polishing Machine (Benetec, UK)
- o. Cutting Machine (Benetec, UK)
- p. Sputter Coater for Coating Insulating Samples for SEM and TEM
- q. Vacuum Evaporator for Coating Insulating Samples for SEM and TEM
- r. 1200°C Furnace (Nabertherm, Germany)
- s. 200kVA Diesel Power Generator for continuous electric supply (Broad Crown, U.K)
- t. 27kVA Diesel Power Generator for continuous electric supply for TEM Lab. (Perkins)

All these equipments are highly useful for materials characterization. If supported by fabrication/processing facilities, this laboratory can play a vital role in industrial material development and characterization. Most of these equipments are only available at CRL throughout the country, or even if available, are not in easy access to the users.

### **USERS OF CRL**

Researchers and students from various institutions are using these equipments extensively. The following departments of the University are using the equipment installed at CRL.

- Department of Archeology
- Center of Biotechnology and Microbiology
- Department of Botany
- Institute of Chemical Sciences
- Department of Environmental Sciences
- Department of Geology
- Department of Pharmacy

- Department of Physics
- Department of Zoology
- National Centers of Excellence in Geology
- National Centers of Excellence in Physical Chemistry

In addition to the users of CRL from the University, this laboratory is also providing services to other universities, R&D organizations and HEIs. Some of the universities, Research and R&D organizations using CRL facilities are listed below:

- Abdul Wali Khan University, Mardan.
- Bacha Khan University, Charsadda.
- Baha Uddin Zakria University (BZU), Multan.
- Bannu University of Science and Technology, Bannu.
- COMSATS Institute of Science and Technology, Islamabad and Abbottabad Campuses.
- Ghulam Ishaq Khan, Institute of Science and Technology, Topi, Swabi
- Gomal University, D.I. Khan
- Govt. College for Women University, Sialkot
- Govt. College University, Lahore
- Hazara University, Mansehra
- Islamia College University, Peshawar
- Islamia University, Bahawalpur
- Kohat University of Science and Technology, Kohat
- KPK, University of Engineering and Technology, Peshawar
- Malakand University of Science and Technology, Chakadara
- National Institute of Biotechnology and Genetic Engineering (NIBGE), Faisalabad
- NED University of Engineering and Technology, Karachi
- NESCOM, Islamabad
- NUST, Islamabad
- Pakistan Institute of Applied Sciences, Islamabad
- PINSCTECH, Nilore, Islamabad
- Quaid-e-Azam University, Islamabad
- Shaheed Benazir Women University, Peshawar
- The University of Punjab, Lahore
- University of Abbottabad, Abbottabad
- University of Agriculture, Peshawar
- University of Baluchistan, Quetta
- University of Engineering and Technology, Taxila
- University of Karachi
- University of Sargodha
- University of Sindh, Jamshoro
- Research Students of Post Graduate Colleges of KPK
- Users through Access to Scientific Instrumentation Programme under HEC auspices
- Private Users

In addition, some industries have shown interest to use these facilities. Before the installation of these equipments, the samples were either sent abroad or to laboratories rarely located within the country, where the researchers either had no access or had to wait for months to get results.

## 2. Materials Research Laboratory (Physics)

- Weighting, Weighting Balance (KERN ALS 220-4), max~220gm
- Fourier Transform Infrared Spectroscopy (FTIR)
- Milling, Horizontal Ball Mill (Cole Parmer 1 tier), Attractor Ball Mill (Union Process, 01-HD)
- Drying Oven, Drying Oven (Thomas Scientific Model 605), max~300oC
- Pressing Machines, Manuel Pellet Press (max~12 ton), Auto Pellet Press (max~30 ton)
- Furnaces, Nembertherm High Temperature Furnace (max~1800oC), High Temperature Tube Furnace (max~1700oC), Drying Furnace (max~1000oC)

- g. Cutting Machine, Techcut 4TM Cutting Machine (10-500rpm), Ultrasoni Disk Cutter for SEM and TEM samples
- h. Polishing, TwinPrep 3TM Grinding/Polishing Machine (25-500rpm)
- i. Single Wafer Spin Processor, Single Wafer Spin Processor (WS-400E-6NPP-LITE)

**i. Other Characterizations**

- a. LCR Meter, Agilent 4287A RF LCR Meter (1MHz-3.5GHz)
- b. Impedance Analyzer, Agilent 4991A RF Impedance/Material Analyzer (1MHz-3.5GHz)
- c. Vector Network Analyzer, Agilent E5071C Network Analyzer (100kHz-4.5GHz)
- d. Dielectric withstand Analyzer, *Dielectric Withstand 7650*
- e. Particle Size analysis, Particle Size Analyzer (Multisizer 3 counter range 0.4-1200 micrometre)
- f. Density Measurements, Densimeter Md-300s
- g. Coefficient of thermal expansion, Glass Dilatometer (DIL 2010 STD)
- h. Hardness Tester, Digital Micro Hardness Tester (HVS-1000)

**ii. New Characterization Equipment**

- a. Fourier Transform Infrared Spectroscopy (FTIR)
- b. Photo Luminescence/Fluorescence Spectrometry(PL)
- c. UV/Vis/NIR Spectrophotometry (UV/Vis/NIR)
- d. *X-ray diffraction (XRD)*
- e. Nanovoltmeter (Keithley 2182A)
- f. I-V Characterization Sourcemeter 1100V (Keithley 2410)
- g. For FTIR-Powder, Solid, Liquid or any other
- h. For PL- Powders only, also Specify the Excitation or Emission Wave Length
- i. For UV/Vis/NIR- Powders only
- j. For XRD- Powders only
- k. For Keithley 2182A-Conductor/Semiconductors with Ohmic Contac

**3. Nuclear Research Medicine Laboratory (ICS)**

- |                               |                                      |
|-------------------------------|--------------------------------------|
| a. Gamma Cameras              | g. Count Rate Meter                  |
| b. Well Counter               | h. Personal Digital Pocket Dosimeter |
| c. Dose Calibrator            | i. Lead Apron                        |
| d. Bectec 460                 | j. Glassers                          |
| e. Contamination Survey Meter | k. Fume Hood (beta and gamma box)    |
| f. Scintillation Survey Meter |                                      |

**4. Research Laboratories Equipment (Department of Pharmacy)**

**i. Organic or Medicinal Chemistry Laboratory**

- |                               |                        |
|-------------------------------|------------------------|
| a. Real-time Thermo cycler    | e. Chemistry Analyzer  |
| b. Conventional Thermo cycler | f. Hematology Analyzer |
| c. Gel Documentation System   | g. Rotary Evaporator   |
| d. DNA extraction equipment   |                        |

**ii. Pharmaceutics Laboratory**

- |                                      |   |                             |
|--------------------------------------|---|-----------------------------|
| a. HPLC Binary                       | f. LC-MS/MS                             | k. Rotary Evaraporator      |
| b. Centrifuge Temperature Controlled | g. UV/VIS spectrophotometer (lambda 25) | l. Sonicator                |
| c. HPLC Quaternary                   | h. Dissolution Apparatus                | m. Oven Autoclave           |
| d. UPLC                              | i. Incubator                            | n. Disintegration Apparatus |
| e. Zeta sizer                        | j. Analytical Balance                   | o. Viscometer               |

### iii. Pharmacology laboratory

- a. HPLC with ECD
- b. Analgesiometer
- c. Plethysmometer
- d. Microtome
- e. Microscope
- f. Homogenizer
- g. Centrifuge
- h. Oven
- i. Double beam spectrophotometer

### iv. Pharmacognosy laboratory

- a. Microscopes
- b. Oven
- c. Rotary Evaporator + Chiller
- d. Water bath
- e. Centrifuge
- f. Water bath

## 5. Department of Environmental Sciences Laboratory

- 1. Electronic Balance
- 2. Oven vacuum Pump
- 3. Centrifuge
- 4. Ultra sonic Bath
- 5. Refrigerator
- 6. Drel 2010 Water Quality Laboratory
- 7. Oven
- 8. Rotavaporator
- 9. Air Condition
- 10. Cool Incubator
- 11. Fume Hood
- 12. UV/Visible Spectrophotometer
- 13. Flame Photometer
- 14. PH Meter
- 15. Conductivity Meter
- 16. FTIR
- 17. Gas Chromatograph (GC)
- 18. Distillation Plant
- 19. Water Bath
- 20. De-Ionizer
- 21. Gas Cylinder
- 22. Heater Electro Thermal
- 23. Air Sampler High Volume,
- 24. Spectophoto Meter
- 25. Distill water Plant
- 26. Microscope
- 27. Noise Meter
- 28. Water Quality Checker Meter
- 29. Electric Shock
- 30. Ena Scope
- 31. Colony Counter
- 32. Agri meter
- 33. Turbidity Meter
- 34. Do Meter
- 35. Mechanical save Machine

Different projection of TGA/DTA



## 6. Rock Cutting Laboratory (Department of Geology):

- a. Cutting machine
- b. Grinder and polisher
- c. Simple grinder
- d. Simple polisher
- e. Core driller
- f. HotPlat

### i. Petrography Laboratory:

- a. Multi head optical microscopes
- b. Binocular and trinocular polarizing microscopes
- c. Single ocular microscopes

### ii. RS/GIS Laboratory;

- a. Ultra-fast computers with 3D Graphic accelerator and extended multiple

## 7. Center of Biotechnology and Microbiology Laboratory

- i. Block Heater
- ii. Centrifuge
- iii. Colony counter
- iv. Cooled shaking Incubator
- v. Distillation Plant
- vi. Flask shaker
- vii. Fume Hood
- viii. Gel documentation Device
- ix. Gel electrophoresis
- x. Growth Chamber
- xi. Heat Stirrer
- xii. Ice Crushing Machine
- xiii. Incubator
- xiv. Laminar Flow Hood
- xv. Lifylyzer
- xvi. Melting Point
- xvii. Melting point apparatus
- xviii. Microscopes
- xix. Oven
- xx. PCR machine
- xxi. Polari meter
- xxii. Refrigerator
- xxiii. Rotary Evaporator
- xxiv. Shaker Incubator
- xxv. Spectrophotometer
- xxvi. Turbidity Meter
- xxvii. Vorex



**Inverted Metallurgical Microscope**

# Chapter-8

## Strengthening of Technological Infrastructure

## Strengthening Technological Infrastructure:

### Centre for IT Services

#### Vision:

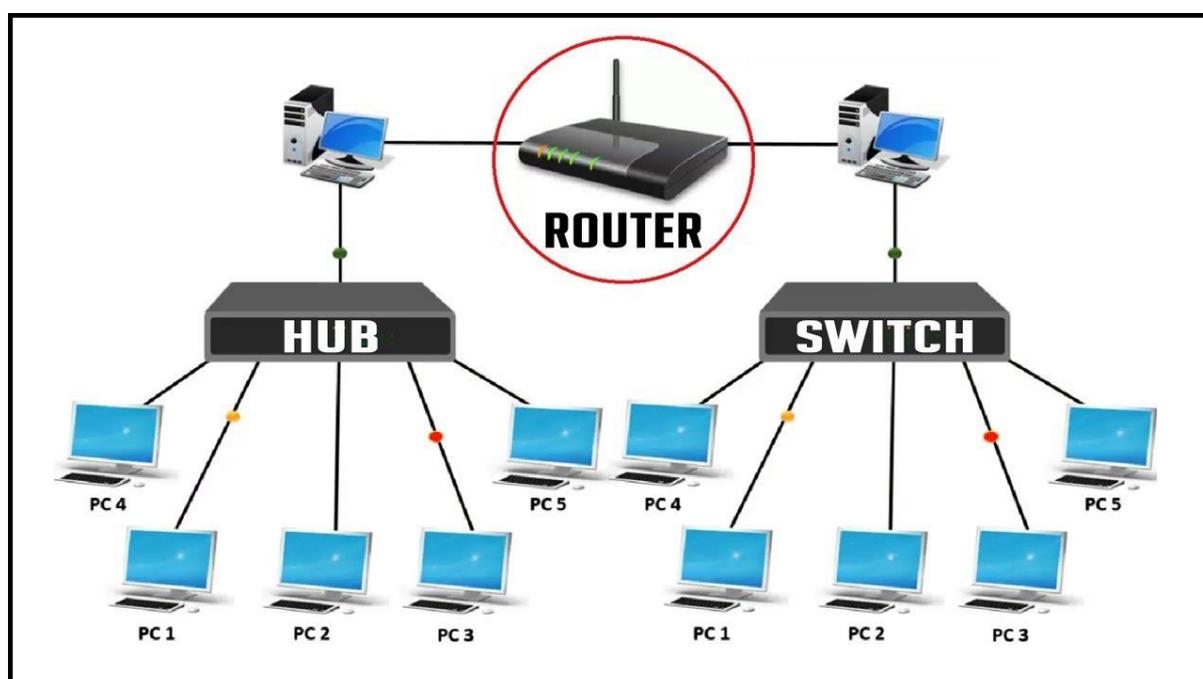
To facilitate the academia in the digital transformation in creative, innovative and responsible way especially in Information and Communication Technology (ICT) services/applications in academic programs that is lined up with the mission of the University.

#### Mission:

To acquire Information and Communication Technology services/applications for the improvement of the users, students and faculty members of the University to enhance their capacity building with modern technologies. Our aim is “to empower users with great e-services 24/7”.

#### Objectives:

- To facilitate ICT graduates who fulfill the industry needs efficiently
- To proactively embark in research, publication activities in Academic area
- To enhance the Academic knowledge and ICT skills in the University students and faculty through Seminars, Conference and Workshops.
- To provide conducive IT infrastructure campus-wide for teaching, research and learning
- To facilitate users with IT facilities on timely respond of their various complaints through online helpdesk management system.
- Video Conferencing facility enhances the capacity building on their demand
- Precise roadmap over one click through our official web portal



## 1. Centre for IT Services (PERN):

The University is the first Public Sector University and renowned as Mother University in Khyber Pakhtunkhwa. Its network being laid down comprises of 45km with multimode and single mode fibre optic cables as backbone with more than 5500 network nodes, 120 network switches. This network provides internet and intranet facility to its all administrative block, departments and hostels.

The University has established Centre for IT Services (CITS) to manage all the activities of the overall IT Infrastructure i.e. network development, expansion, maintenance and troubleshooting services i.e. (network, hardware and software), online announcement of examination results as well as uninterrupted internet facility. The Centre is functioning for the smooth and growth of IT infrastructure with 336 Mbps internet bandwidth under Pakistan Education & Research Network (PERN2) Project umbrella. Under Academic Block A & B project network infrastructure and backbone uplink of some department to the main data centre has been upgraded from 1Gbps to 10Gbps to cover up future shortcomings.

The Centre provides support and services to maintain the network communication infrastructure; which is required to sustain the IT activities within University premises. Network infrastructure plays a vital role in enabling the high levels of requirement and you need to respond quickly to educational opportunities and challenges. Centre for IT Services (CITS) also manages network expansion and enhancement with the passage of requirements and demand.

Active Services in CITS Server Room	
S.No.	Service Name
1	Networks
2	NMS
3	Internet bandwidth
4	Web Server
5	Proxy Server
6	DNS Server
7	EBS Server
8	Ticket Management
9	CMS Server
10	DHCP Server

## 2. Video Conferencing:

The University is fully equipped and connected with the National and International universities with the help of the video conferencing facilities. This facility comprises online teaching, research, public defence and administrative head meetings; which is the need of the hour. Similarly, video conferencing plays a vital role in institution uplifting and research contribution sharing. This facility is free for the academic and administrative faculties of The University.

### 3. Campus Management Solutions:

The The University is the premier University of the Khyber Pakhtunkhwa providing quality education to the sons and daughters in the province. Every year thousands of students pass out of the university, who immensely contribute towards the nation building. To facilitate students and automate the traditional business processes, the university has implemented:

#### **i. Oracle E-Business Suit (Financials & SCM):**

To automate overall administrative offices, a step towards less paper environment, all implementation phased have been completed. Various training sessions have been planned for the Treasury Section to adopt the new system.

E-Business Suite at UoP comprise following modules:

- Financials
  - General Ledger
  - Payables
  - Receivables
  - Cash Management
  - Fixed Assets
- Purchasing
- Inventory Management
- Grants Management

#### **ii. Oracle PeopleSoft Campus Management Solutions (Complete Student Life-Cycle Automation):**

Build Phase has successfully being closed and Data Loading for three departments has been completed, including Quaid-e-Azam College of Commerce, Department of Physics and Department of Computer Science. Data Transformation for the rest of the Undergraduate Programs is in progress.

This is one of the leading solutions in fulfilling higher education's requirements related to student life cycle, enabling the transformation to an automated global campus.

Main modules are listed below:

- Student Admissions
- Campus Community
- Student Records
  - Catalogue & Scheduling
  - Enrolments
  - Attendance
  - End of Term
  - Research Tracking
- Student Financials
- Financial Aid
- Grade Book
- Academic Advisement
- Campus Self Service

Subsequently, we are analysing grey-approaches to be re-engineered, transformed and get automated for the better delivery of basic services in public interest. The process of automation is in progress and under the umbrella of Higher Education Commission (HEC); the University has spent multi-millions to achieve the goal of automation and transparency.

The following third-party software are also included in the scope and integrated with the aforementioned Student System.

- **Sakai**-Learning Management System
- **Koha**-Integrated Library Management System
- **UniTime**-University Timetabling System
- **HMS**-Hostel Management System

Furthermore, in collaboration with PMRU & Higher Education Directorate (HED) we had decided to automate and make the admission process of Intermediate Admissions for our Colleges (University College for Boys, and Jinnah College for Women) online. Owing time & certain financial constraints we were unable to accommodate the Online College Admission System, to the current scope of the implementation.

Distinct to the Scope of Campus Management Solutions (In Collaboration with PMRU, Chief Secretary Office Govt. of Khyber Pakhtunkhwa), implementation of the following systems is also in progress.

- **HR Profiling System** – System have been configured and loaded with data of University of Peshawar employees.
- **Activity Tracking.**
- **File Tracking System.**
- **Online-Admission System** for Colleges.

### iii. Potential Benefit of Campus Management Solution and Enterprise Resource Planning:

We expect much better results both academically and administratively by

- Implementation of Business Intelligence Layer
- 24/7 Intelligent Reporting to the Vice Chancellor and Executive Officers.
- Online Faculty Performance Evaluation
- Seamless Admission Processing (Online for Undergraduate and Postgraduate Programs)
- Increased access to Education
- Single Source of Data, Minimal Data Entry.
- Ensuring Academic Policies to be followed properly.
- Timely and Transparent Fee Collection.
- Timely and Transparent Result Declaration.
- Quick and Uniform Transcripts Generation.
- Establishing strong bond with our Alumni.

## 4. Web Portal:

The University is a dynamically developing institution of higher learning which offers a wide range of academic subjects, and an equally wide range of subjects that leads to professional qualifications in demands of the job market. Universities that prioritize a good user experience leverage the website to contribute to larger institutional goals and see a clear return on investment.

A university's website is usually the first port of call for many prospective students, and with thousands to choose from across the globe. Thousands of students' worldwide trawl through our website every month in search of the university.

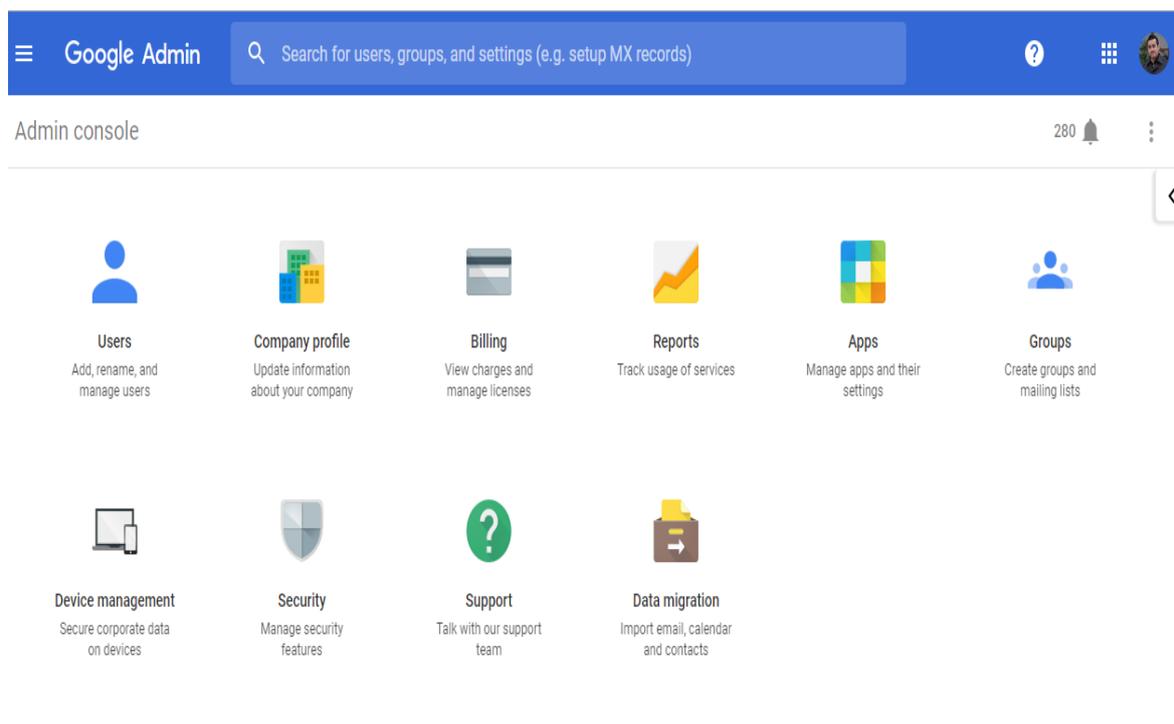
The University official website is designed, developed and maintained by Centre for IT Services with the aim to showcase the strengths of individual departments and the university as a whole. It is a challenging task to create a website that meets the needs of all and gain huge public attention. An interactive website of the University is currently functional ([www.uop.edu.pk](http://www.uop.edu.pk)) where all the important information regarding admissions, examinations, results, academic & administrative departments, teaching faculty & administrative staff, academic programs and academic activities are timely communicated to the academia/ public.

In 2015 we completed a redesign of our web templates in order to make our pages more accessible on mobile and tablet devices. This was the culmination of one-year work and marked a significant change in the way that web pages were delivered by the The university. We are now working hard to upgrade as many of our sites as possible to make it more user friendly.

Recently we have added some new modules to the web portal in order to facilitate the students/ academia which includes availability of latest research of academia, our research journals archives, successful graduates information on website, online degree verification portal etc.

## 5. Email Services:

The Centre provides email addresses to the university employees and research students, which facilitates them to interact with the rest of the world securely and efficiently. There are administrative, academic faculty groups in the domains of the university which are functional and being utilized for official correspondence.



## 6. Microsoft Software Accounts:

In order to give access to Microsoft free Software under HEC – Microsoft Academic Alliance, this Centre provides Microsoft DreamSpark account to the students and faculty members which enables them to install licenced software in their laptops/desktop computers for their research activities.

Under Microsoft project IT Centre has provided Microsoft ELMS portal having 270 system software, application, designing and databases to our students and faculty. Similarly, the Office 365 account/services have been provided more than 1600 users. The Microsoft IT Academy is also running under the umbrella of Centre for IT Services.

University Of Peshawar

Home Help English

Hello, Peshawar.University@live.com

Product Search

Microsoft Imagine Standard Subscriptions

Announcements

4.0 - Release Notes for Administrators - August 1, 2017 2017-08-09

We're updating Microsoft Imagine WebStores 2017-07-26

Microsoft Azure for Students

Windows 10

Visual Studio Community 2017

Visual Studio for Mac

Windows Server 2016

SQL Server 2016 Developer

SQL Server 2016 Enterprise

SQL Server 2016 Enterprise Core

SQL Server 2016 Web

Microsoft Hyper-V Server 2012 R2

Visual Studio Team Foundation Server 2015

Datazen Enterprise Server 3

## 7. Biometric System:

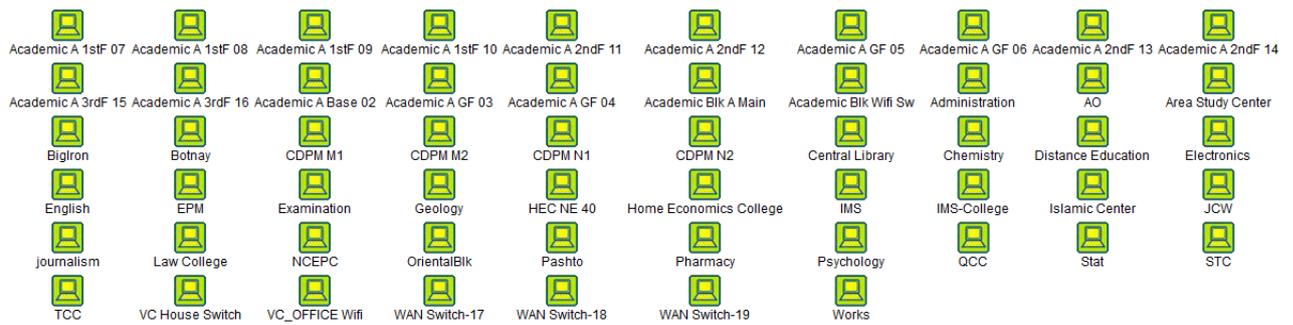
The University deployed the biometric based attendance system to ensure the attendance of administrative/ non-teaching staff of the University. The IT Centre monitors the biometric system and generate different reports as desired by the authority. Currently 7 biometric devices installed in different administrative offices/ departments which includes Main Administration block, Directorate of Sports, Directorate of Works, Directorate of Administration, Examination Section and Provost Office.

All the biometric devices and online cloud portal(s) are managed and monitored by IT centre frequently for different demanded report generation.

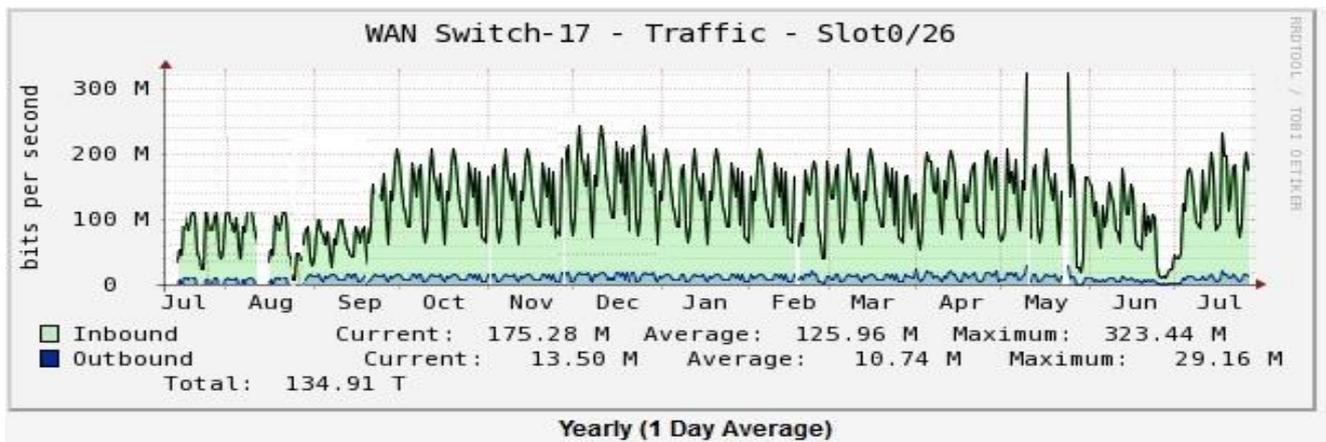
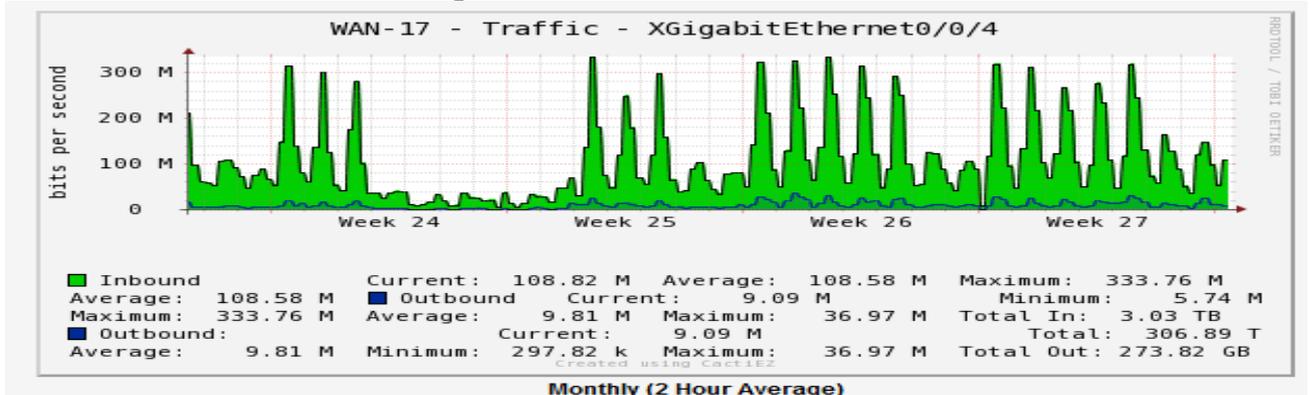
## 8. Monitoring System:

IT Centre has deployed Network and Server monitoring system to regularly check the status of the entire IT infrastructure. This system enables to check manageable core network and bandwidth utilization. Furthermore, the complaint management and monitoring system enables the centre to check status of complaints and its timely resolution.

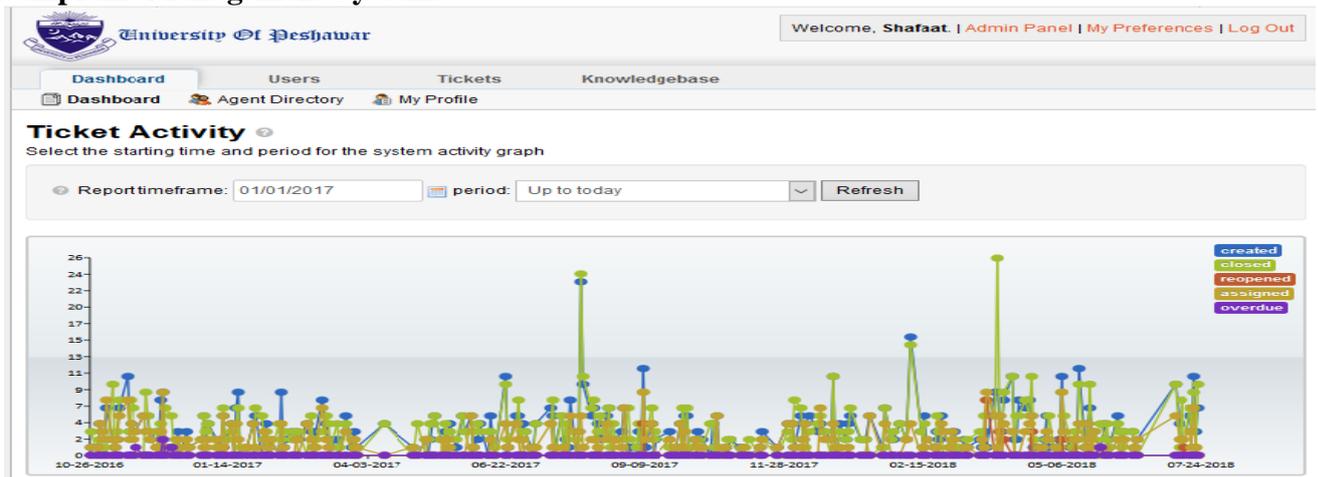
## Network Monitoring Server (NMS)



## Total Bandwidth Utilization Graph



## Complaint Management System:



## 9. Virtual Private Network (VPN):

VPN services are provided to the faculty and students remotely so they can access the digital library etc. at their doorstep.

## 10. CCTV Management:

The Centre for IT Services look after the CCTV Cameras installed at various locations across the University. This Centre provides recordings to security personnel whenever required.

## 11. Completed Projects in 2017-18:

### a. Academic Block A & B Networking Project:

CITS has successfully completed the networking project in Academic Block A and B where 50 access switches and 20 Access point with access controller has been installed. Furthermore, under the same project the core network is strengthened and secured by installing Fortinet Firewall 500D, Huawei Firewall, Huawei Core Switch and 04 Servers in the Server Room,

Under the project internal optical fibre networking for distribution, access switches and internal networking were installed in the following departments.

S.No.	Department Name	Completed Tasks
1.	Academic Block A	Optical Fibre cabling from Distribution switch to access switches and internal Wi-Fi networking with distribution and access switches installed.
2.	Academic Block B	Optical Fibre cabling from Distribution switch to access switches with distribution and access switches installed.
3.	Directorate of Works	Optical Fibre cabling from Statistics and internal networking with access.
4.	Directorate of Sports	Optical Fibre cabling from Statistics and internal networking
5.	Directorate of Administration	Optical Fibre cabling from Pashto Academy and internal networking
6.	Department of Geology	Internal UTP cable Networking
7.	Quaid-e-Azam College of Commerce	Internal UTP cable Networking
8.	Examination Section	Internal UTP cable Networking
9.	University Guest House	Internal UTP cable Networking

### b. Open Wi-Fi Project:

Centre for IT Services deployed Open Wi-Fi Project funded by Directorate of IT Khyber Pakhtunkhwa, which includes optical fibre, network switches and (16) access points at appropriate (05) locations, Student Teacher Centre (STC), Academic Block 1 & 2, Central Library, Madina Market on the university premises with a bandwidth of 20Mbps. A login portal for online student registration and internet usage in support to online module will be provided for internet access through this Centre.

Directorate of IT, Government of Khyber Pakhtunkhwa initiate this project with the motive that internet is for every one and it should be open for access the internet resources. Such wireless network access service will help students in their research and education activity with mobility.

**c. Government College Video Conferencing /PERN Project:**

Under PERN project, HEC has approved a project for the university with its affiliated collage namely Government College, Peshawar regarding PERN connectivity along with video conferencing equipment. IT relevant equipment were installed through Centre for IT Services with 8Mbs internet bandwidth. The video conferencing equipment such as CODEC, HD camera and audio amplifier were provided and commissioned by the HEC.

The project was completed on 25-08-2018 and inaugurated by the Registrar, University of Peshawar and Director IT respectively with Focal Person of the project.



**d. Smart and Safe University Project:**

This project was initiated in year 2015 and an agreement was signed between University of Peshawar and HEC for Smart Campus (Wi-Fi) after the critical security situation in the country specially after Bacha Khan University incident. HEC intends to facilitate the Universities to improve their campus security in befitting manner. HEC also incorporate Wi-Fi project into “**Smart & Safe Campus Project**. It was decided by HEC that small universities will be entertained in 1<sup>st</sup> phase while the large universities, like UoP, were kept in 4<sup>th</sup> phase. Nevertheless, due to security threats to campus Centre for IT Services and Worthy Vice Chancellor approached the HEC to include the university in 2<sup>nd</sup> phase. Due to that security agencies were persistently asking the University to secure its campus on top priority. HEC included the university in 2<sup>nd</sup> phase. Equipment for the project has been received on 29/09/2018 and deployment work will be started from 01/10/2018.

Smart and Safe campus project which includes 775 access points for smart university, 192 boundary wall camera and 672 surveillance camera system that will be installed at department entry/exit, road and parking. The project will be hopefully completed in 2018.

**12. Future Projects and Plan:**

Centre for IT Services plans to make its Centre and the relevant Network to state-of-the-art by putting cognitive and human development inputs. Centre looks forward the authorities to support us in our objectives. Similarly, we have the intentions for adequate internet

bandwidth increase to meet the demand which will in result cover-up the entire hostels and residential areas in befitting method. Such process will enhance their capability and skills to meet their daily official correspondence in professional way.

### 1. University Management and Biometric Security System:

The Centre has prepared PC-1 for University Management System, Biometric / RFID based security system having different modules to facilitate the University academics and administrative departments in different aspects.

### 2. Project for Client / Dumb Terminal Labs:

The Centre for IT Services is also in the process of preparing PC-1 for more than 500 client/dumb terminals for labs purpose in different academic departments. This will be certainly will be used for their academic purpose as well as for NTS and different online exams to generate revenue.

## Digital Library Resources

Digital Library program was launched by Higher Education Commission (HEC) in 2004. This program is start with the collaboration of International Network for the Availability of Scientific Publications (INASP). The main aim of digital library program is to promote research culture in the institutions. The program provide access to International and national scholarly publications based on electronic format, provide access to high quality peer-reviewed Journals, Databases, Articles and E-Books across a wide range of disciplines.

<b>Digital Library Information</b>	
➤ Electronic Books accessible through Ebrary Digital Library	<b>145,000</b>
➤ Electronic Books accessible through Project MOUS	<b>5312</b>
<b>Journals</b> (Accessible through Digital Library )	<b>28000 +</b>
<b>Thesis and Dissertation Database</b> <ul style="list-style-type: none"> <li>➤ ProQuest business premium collection (Trial access )</li> <li>➤ ProQuest social science premium collection (Trial access)</li> </ul>	<b>Trail Access</b>
<b>Subject-Specific Resources (Societies)</b> <ul style="list-style-type: none"> <li>➤ American association of physics teachers (<b>AAPT</b>)</li> <li>➤ American chemical society (<b>ACS</b>)</li> <li>➤ American institute of physics (<b>AIP</b>)</li> <li>➤ American mathematical society (<b>AMS</b>)</li> <li>➤ American physical society (<b>APS</b>)</li> <li>➤ American society of civil engineering (<b>ASCE</b>)</li> <li>➤ Association of computing machinery (<b>ACM</b>)</li> <li>➤ Institute of electrical and electronics engineers (<b>IEEE</b>)</li> <li>➤ Institute of physics,</li> <li>➤ International forestry review - commonwealth forestry association</li> <li>➤ ASTM compass</li> </ul>	<b>12 Databases</b>

# Chapter-9

## University Building Communities

## University-Community Interaction

### Students' Societies

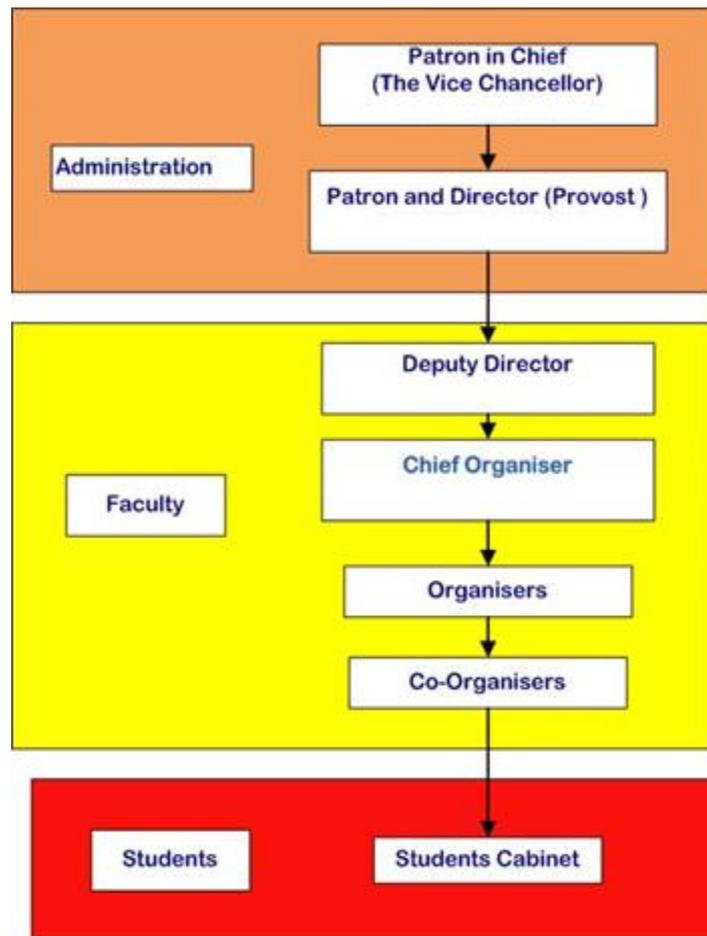
For the overall development, one must be good at not only in academics but also in sports, cultural activities, mannerism and above all, the ethics of life. Student's Societies believe that a true education occurs both inside and outside of the classroom. In Students's Societies, we strive to ensure a positive educational and co-curricular experience for all students by concentrating on the out-of-class experience. Our aim is to build a cohesive and resilient society, deepening the sense of national identity and affinity through promoting arts and heritage, youth engagement, sports development, volunteerism and philanthropy. High academic excellence coupled with moral rectitude, intellectual integrity, sound aesthetic sense etc, is the essence of Students' Societies. Students' Societies are here to provide events and activities, and foster experiences that serve to complement your academic experience socially, culturally and emotionally. Our mission is simple, and objective is clear. For every student of the university to be better and brighter than they were when they arrived, by putting students at the center of all we do and with the goal of helping them reach their potential.

The Vice Chancellor and the Provost are the Chief Patron and Patron respectively of all the societies. Each society is looked after by an Organizer and Co-organizer. Under the overall supervision of a chief organiser, students' cabinet of each society works under the guidance of its respective organisers. The cabinet of each society bears offices of a President, Vice President, General Secretary, Joint Secretary, Media Secretary and Public Relation Officer (1 male and 1 female). Session of the Students' Societies is connected with the Academic Session which normally starts in September and continues to the end of August of next year.

#### List of Student's Societies at University of Peshawar.

1	Photo-Video Club		7	Khyber Literary Club	
2	Adventure/Hiking Club		8	Science Society	
3	Blood Donor's Society		9	Social Welfare and Awareness Society	
4	Creative Art Society		10	Sports Society	
5	Cultural and Dramatic Society		11	Khyber Islamic and Cultural Society	
6	Young Women Club		12	International Students Society	

## Organizational Structure



## Activities During the Session 2017-18

### 1) 14<sup>th</sup> August celebrations at Bara Gali Summer Camp University of Peshawar, August 14, 2017

Every year Students' Societies the university celebrate 14<sup>th</sup> August at Bara Gali Summer Camp along with the resident's families at the Campus. The highlight of the event includes the following:

1. Beautification of the Campus with Pakistan Flags, Lightings and Balloons etc
2. Distribution of Flags and Badges among the children
3. Flag Raising Ceremony
4. Tea for Residents of Bara Gali Camp
5. Documentary on Pakistan Movement
6. Quiz in relevance to Pakistan Movement, Naat, National Song Singing, Debate competition.
7. Distribution of Prizes and Gifts among the Children's
8. Pakistan Movement in Photographic exhibition



## 2) Gender Based Violence

The Students' Societies, University of Peshawar in collaboration with Youth Resource Centre has organized one-day training for University Teachers on **“Gender, GBV & Prevention”** on 21<sup>st</sup> December 2017 from 10:00 AM to 04:00 PM



## 3) Yom-e-Hussain, Ba Unwane Hussain Sab Ka

Khyber Islamic Cultural Society, University of Peshawar has organized a one-day seminar on the topic of **“Yom-e-Hussain, Ba Unwane Hussain Sab Ka”** with the following detail: On 26<sup>th</sup> October 2017

#### 4) Naat and Qiraat Competition 14-December-2017

After the completion of membership for Students' Societies, on 14<sup>th</sup> December 2017 the students' Societies' UoP in collaboration with Institute of Management Studies, UoP organised **Intra University Naat & Qirat Competition** in accordance with the holy month of Rabbi-ul-Awwal.



#### 5) International Women's Day 8 March 2018 at Department of Geography, University of Peshawar.



**6) Female sport Gala 8<sup>th</sup>-15<sup>th</sup> March 2018 in accordance with International Women Day**

The Young Women Club, Student Societies' has organized the Female Sports Gala on March 08<sup>th</sup>, to 15<sup>th</sup>, 2018 at the College of Home Economics, University of Peshawar. The following games were played:

- a. Badminton      b. Cricket                      c. Painting  
d. Cooking          e. Debate Competition      f. Fashion Show



**Various Activities Held in the Academic Year 2017-18**

S.No.	Program / Event	Organization	Date
1.	Participation in International Peace day Celebration	Character Building, Social Welfare & Awareness Society in Collaboration with Ministry of Interior / HEC	15 <sup>th</sup> September 2017
2.	One Day Seminar on Islamic Revivalism in South Asia	Khyber Islamic Cultural Society in collaboration with Study Aid Foundation	26 <sup>th</sup> September 2017
3.	One Day Workshop on Time Management	Character Building, Social Welfare & Awareness Society in Collaboration with Youth for Ummah org.	21 <sup>st</sup> November 2017
4.	Blood Donation Camps	Blood Donor Society in Collaboration with Regional Blood Centre	07 <sup>th</sup> December 2017
5.	Awareness Desk Regarding Banking Awareness on Campus Activity	Student Societies UoP in collaboration with MCB Pvt. Ltd	20 <sup>th</sup> to 22 <sup>nd</sup> December 2017
6.	One Week Activity "Jaggna Toh Pare Ga" Free Sampling	Character Building, Social Welfare & Awareness Society in collaboration Nestle Pakistan Pvt Ltd.	19 <sup>th</sup> to 23 <sup>rd</sup> February 2018

S.No.	Program / Event	Organization	Date
7.	Blood Donation Camps	Blood Donor Society in collaboration with Shoukat Khanum Cancer Hospital & Research Center	06 <sup>th</sup> March 2018
8.	Awareness Desk for Participation in Azm-e-Jawan 2018	Character Building, Social Welfare & Awareness Society in collaboration with City District Peshawar	10 <sup>th</sup> March 2018
9.	One day seminar on World Water day	Student Societies in collaboration with Al-khidmat Foundation, Department of Geography, UoP	22 <sup>nd</sup> March 2018
10.	Nescafe, Nesfruta Talent Hunt & Free Sampling	Character Building, Social Welfare & Awareness Society in collaboration with Nestle Pakistan Pvt Ltd.	9 <sup>th</sup> to 13 <sup>th</sup> April 2018
11.	International Quran Class	Khyber Islamic Cultural Society in collaboration with Study Aid Foundation	23 <sup>rd</sup> to 27 <sup>th</sup> April 2018

### Way Forward

- Installation of Biometric System at Entry Gates
- Water Cooling Plants in all Hostels
- Conversion of Hostels on Solar Power
- Provision of 55” LED TV at Hostel Common Rooms
- Official Mess at other Hostels
- Renovation of Hostel Common Rooms
- Establishment of Solar Powered Tube Wells
- Extension of Student Societies Activities at Hostels.

## Career Development Centre

Higher Education Commission (HEC) launched a project “Strengthening of University of Peshawar” in order to support the administrative structure and boost research and career-based activities in the University. The project has four components namely Career Development Center, Office of Research, Fund Raising Office, and Communications Office. The career Development Center has been established in May 2016 and at present, it is working actively to serve the students of every academic level, helping them explore their respective careers, get internships, find part-time jobs, and write a professional resume.

### Vision

To be recognized as pioneer in providing effective practices, resources, and facilitation in career counselling, making best career choices, and job search services using a student-centered values and integration of modern technology.

### Mission

The mission is to be a gateway to career services in the university by providing students with a strong foundation for career development. CDC is a student-focused center that provides opportunities for undergraduate students to cultivate self-awareness, career exploration, and marketable skills. By offering comprehensive, high-quality services, and opportunities, we aim to help students successfully identify and pursue their academic interests and achieve their career aspirations.

### CDC Services

The Career Development Center (CDC) helps the students in career decision, looking for an internship, considering graduate studies, or beginning first professional job search. The CDC takes its commitment to students seriously, helping them to discover their passion and how to link that passion to lifelong purpose, honoring the University promise to put them first. CDC is offering the following services.

- **Services for Students**
- **Services for Employers**
- **Services for Alumni**

### Major Events Organized

#### 1. Fulbright/GRE Orientation Session

**Date:** 19th October, 2017 from 10:00 am to 11:30 am

CDC organized Fulbright/GRE orientation session for the students and junior faculty of the university in Sir Sahibzada Abdul Qayyum (SSAQ) Auditorium, University of Peshawar. The event was conducted in collaboration with United States Education Foundation Pakistan (USEFP). The informational seminar covered USEFP Introduction, Free Educational Advising, Fulbright Scholarships, and GRE and TOEFL test guidance. Around 130 students, junior faculty, and administrative officers from fourteen Departments, Centers, Institutes, and Colleges registered themselves with the office of CDC out of which around 100 students of BS, Masters, MS/M. Phil., and PhD attended the seminar.



**Speaker Ms. Shiza Ali from United States Education Foundation Pakistan (USEFP)**

## **2. Seminar on Fundamental Rights and Leadership**

**Date:** 14th November, 2017 from 10:00 am to 01:00 pm

CDC organized a one-day seminar on Fundamental Rights and Leadership for the students of College of Home Economics, University of Peshawar. The event was conducted in collaboration with Pakistan Center of Excellence (PACE) and Center for Research and Security Studies (CRSS). The informational seminar covered fundamental rights in the context of women, how to utilize their rights according to the constitution of Pakistan, and developing basic leadership skills. There were various activities through which students picked the theoretical ideas very easily. Around 40 students and faculty of the College attended the seminar and applauded the performance of CDC.



**Civil Judge cum Magistrate Ms. Sadia Ali delivering a lecture on Fundamental Rights**

### 3. GRE Workshop

**Date:** 5<sup>th</sup> December, 2017 from 10:00 am to 01:00 pm

A three-hour GRE workshop was conducted by CDC in Institute of Education and Research (IER) in collaboration with United States Educational Foundation in Pakistan (USEFP). The informational workshop covered all the sections of a GRE test including essay writing, quantitative, analytical and mathematical portions of the test. Ms. Shiza from United States Education Foundation Pakistan (USEFP) demonstrated step by step guidance for attempting the test.



Students during the session

### 4. GRE Mock Test

**Date:** 20<sup>th</sup> January, 2018 from 08:00 am to 04:00 pm

As a follow-up activity after GRE workshop, GRE Mock test was conducted for the students of The university. CDC organized the event in collaboration with United States Educational Foundation in Pakistan (USEFP). It was a one day activity. 232 students and faculty members registered themselves for the mock test. 97 people took the test, out of which following 3 students qualified for a free GRE voucher worth 25,000 each.



Top three voucher winning students

## 5. Seminar on Workplace Psychology

**Date:** 15<sup>th</sup> February, 2018 from 10:00 am to 12:00 pm

CDC organized a two-hour seminar on Workplace Psychology for the students of College of Home Economics, University of Peshawar. This informational seminar covered general explanation of psychology, factors causing psychological problems, difference between depression and anxiety, personality disorders, types of personalities in workplace, how to deal with co-workers, and psychological stigma. Participants were taught different exercises to combat stress in their daily life. 32 students attended the seminar and considered it very useful and expounding. Ms. Saba Ambreen, currently enrolled in diploma course in Department of Psychology University of Peshawar, educated the students on these topics. Students discussed their individual psychological problems, family problems, and lack of interest in study and daily routine and got handy solutions from the speaker.



Group photo with Assistant Director (CDC) Ms. Sara Ali with Speaker Ms. Saba Ambreen

## 6. Seminar on Communication Skills and CV Writing

**Date:** 19<sup>th</sup> February, 2018 from 12:00 pm to 02:00 pm

CDC conducted a two-hour seminar on Communication Skills and CV Writing for the students of College of Home Economics, University of Peshawar. The seminar covered process and parameters of communication, 7 C's of communication, effective CV writing, difference between CV and Resume, skill based CV, and chronological CV. Ms. Beenish Asmatullah trained the students for better communication skills and impactful CV writing. She is currently serving as lecturer in Department of English, Shaheed Benazir Bhutto Women University Peshawar. Working as a master trainer with British Council, she has experience in effective trainings and teaching methods.



**Group photo of Speaker Ms. Beenish Asmatullah and Assistant Director Ms. Sara Ali with participants**

## **7. Seminar on Contemporary Architecture**

**Date:** 20<sup>th</sup> February, 2018 from 12:00 pm to 02:00 pm

CDC conducted a two-hour seminar on Contemporary Architecture and Current Research Trend for the students of College of Home Economics, University of Peshawar. The seminar covered 7 most important interior design principles i.e. balance, rhythm, detail, scale and proportion, color scheming, unity and harmony, and focal point. The speaker talked about psychology of colors and contemporary architecture. Faculty members also attended the seminar and considered it very helpful and informative. Many students formalized their research ideas from the discussion and validated it with the faculty members.



**Group photo of Speaker Mr. Muhammad Arslan and Assistant Director Ms. Sara Ali with participants**

## 8. Seminar on Workplace Psychology

**Date:** 1<sup>st</sup> March, 2018 from 10:00 am to 12:00 pm

As per directions of the worthy Vice Chancellor, CDC organized a two-hour seminar on Workplace Psychology for the students of Jinnah College for Women, University of Peshawar. This informational seminar covered general explanation of psychology, factors causing psychological problems, difference between depression and anxiety, personality disorders, types of personalities in workplace, how to deal with co-workers, and psychological stigma. Participants were taught different exercises to combat stress in their daily life. 35 participants including faculty members attended the seminar and considered it very helpful. Ms. Saba Ambreen, currently enrolled in diploma course in Department of Psychology University of Peshawar, educated the students on these topics and taught them how to deal with certain psychological issues in daily life. Faculty members suggested to conduct more sessions on these topics which can facilitate them in their professional settings.

Since it was not allowed to take photos within the college premises, CDC staff could not capture any picture.

## 9. Seminar on Workplace Ethics and Anti-Sexual Harassment Legislation

**Date:** 8<sup>th</sup> March, 2018 from 10:00 am to 12:00 pm

CDC organized a two-hour seminar on Workplace Ethics and Anti-Sexual Harassment Legislation for the students of Jinnah College for Women, University of Peshawar on Women's Day i.e. 8<sup>th</sup> March, 2018. Civil Judge cum Magistrate Ms. Sadia Ali was the speaker for this session. She covered basic pillars of workplace ethics like attendance, appearance, attitude, character, communication, cooperation, organizational skills, productivity, respect, and team work. The speaker gave a conceptual clarity of the issue of Sexual Harassment, Protection against Harassment of Women at Workplace Act 2010, Introduction to the amended section 509 of Pakistan Penal Code. Prevention of Electronic Crimes Act 2016, Formal Procedure of Complaint, Taxonomy of Sexual Harassers, etc.

Since it was not allowed to take photos within the college premises, CDC staff could not capture any picture.

## 10. Mock Interviews

**Date:** 12<sup>th</sup> March, 2018 from 12:00 pm to 02:00 pm

First ever mock interviews for the students of College of Home Economics was carried out in College of Home Economics. Participants were divided into two major job groups namely Faculty (Lectureship) and Administration (Officer) cadre according to their choice. Panelists posed various organizational and field related questions in order to prepare them for their actual job interviews. Students were very excited for this novel activity in their college. Students and faculty considered it a highly beneficial activity as it enabled both faculty and students to interact on a professional level. Participants said that they have learnt and experienced how to appear in a job interview and be presentable. Another mock interview was conducted in the same college upon request of the faculty members.



**Group photo of Interview Panellists with the participants**

## **11. Seminar on Workplace Ethics and Anti-Sexual Harassment Legislation**

**Date:** 13<sup>th</sup> March, 2018 from 12:00 pm to 02:00 pm

CDC organized a two-hour seminar on Workplace Ethics and Anti-Sexual Harassment Legislation for the students of College of Home Economics, University of Peshawar. Civil Judge cum Magistrate Ms. Sadia Ali was the speaker for this session. She covered basic pillars of workplace ethics like attendance, appearance, attitude, character, communication, cooperation, organizational skills, productivity, respect, and team work. The speaker gave a conceptual clarity of the issue of Sexual Harassment, Protection against Harassment of Women at Workplace Act 2010, Introduction to the amended section 509 of Pakistan Penal Code. Prevention of Electronic Crimes Act 2016, Formal Procedure of Complaint, Taxonomy of Sexual Harassers, etc.



**Group photo of Speaker Civil Judge cum Magistrate Ms. Sadia Ali and Assistant Director Ms. Sara Ali with participants**

## 12. Weekly Workshop on SketchUp – 3D Modeling Tool for Interior Designing and Architecture

**Date:** 14th March till 22nd March, 2018

A weekly workshop on SketchUp for the students of College of Home Economics was held within college premises. Mr. Muhammad Arsalan was the trainer for the said workshop. Trainer gave a brief introductory class in the beginning, progressing through SketchUp step-by-step. SketchUp is basically a 3D modeling computer program for drawing applications such as architecture, interior design, landscape architecture, civil and mechanical engineering, and film and video game design. Students installed the setup on their laptops and practiced during the workshop. Since the students belonged to art and design, their main focus was to improve their interior designing skills by creating 3D models. Faculty members also attended the workshop and practiced tool on the spot.



Trainer Mr. Muhammad Arslan taking practical class with students and faculty members

## 13. Study Tour in Collaboration with Tourism Corporation Khyber Pakhtunkhwa (TCKP)

**Date:** 20<sup>th</sup> March, 2018 from 08:00 am to 04:00 pm

A one-day study tour to one of the most famous historical places of Pakistan i.e. Takht-i-Bahi was organized specifically for the top three students of Department of Geography, Department of History, Department of Botany, Center for Disaster Preparedness and Management, and College of Home Economics, University of Peshawar. Around 35 participants including students and staff took part in this activity. The said study tour was financially supported by Tourism Corporation Khyber Pakhtunkhwa (TCKP) while transport facility was provided by University of Peshawar.



Group photo of all the participants with CDC staff

#### 14. Seminar on CSS Subject Selection

**Date:** 27<sup>th</sup> April, 2018 from 02:30 pm till 04:30 pm

CDC conducted a two-hour seminar regarding general understanding of attempting competitive examination and selecting relevant subjects to one's specific area of study. Prof. Dr. Syed Hussain Shaheed Soherwordi (Coordinator, CDC) was speaker of this session. He educated students on effectively attempting questions and to make a wise choice of subjects while applying for competitive examination. Students asked various questions during and after session and requested for arranging classes for compulsory subjects as many of the candidates fail to clear those papers.



**Prof. Dr. Syed Hussain Shaheed Soherwordi addressing the audience**

#### 15. Two-day Photography Workshop

**Date:** 7<sup>th</sup> and 8<sup>th</sup> May, 2018 from 11:30 am to 01:30 pm

Two-day photography workshop was conducted by CDC for the students of Department of Art and Design in College of Home Economics, University of Peshawar. Mr. Ammad Ahmad Khan was the speaker for this session. He is an entrepreneur and owner of a photography company based in Peshawar and Islamabad. He covered basic rules of taking a good photo like composition, rule of thirds, framing, lighting, keeping a good background, depth of field, etc. The speaker gave a hands-on experience to participants by making them practice during the workshop on their mobile phones and cameras on first day of training. As per requirements of these students, they were showed to make a small home studio for shooting jewelry and small hand-made products.



**Speaker Mr. Ammad Ahmad Khan showing rule of third by the use of grid lines in mobile camera**

On the second day, image processing was carried out on Adobe Lightroom and Photoshop. Students practiced to correct major mistakes made during shooting any image like extra space in a picture, tilted frame, low exposure, noise, blur objects, red eye correction, etc. This workshop was much appreciated by the students and faculty members.



**Speaker Mr. Ammad Ahmad Khan demonstrating color temperature controls in Adobe Lightroom**

## **16. Seminar on CSS Subject Selection**

**Date:** 10<sup>th</sup> May, 2018 from 02:30 pm till 04:30 pm

CDC conducted a two-hour seminar regarding general understanding of attempting competitive examination and selecting relevant subjects to one's specific area of study. Mr. Muhammad Nadeem Farid was speaker of this session. He educated students on effectively attempting questions and to make a wise choice of subjects while applying for competitive examination. He helped students in grouping together relevant subjects which can bear good results in terms of higher percentage. Students asked several questions and were very keenly taking interest during the session.



**Students taking keen interest in the session**

## 17. Seminar on Efficient Use of Microsoft Excel

**Date:** 15<sup>th</sup> May, 2018 from 02:00 pm till 04:00 pm

CDC organized a two-hour seminar on the efficient use of Microsoft Excel. Mr. Najam Tahirkheli addressed this session. He graduated from Georgia State University and has worked with several organizations in the United States of America as a data analyst. Mr. Najam asked the students to perform all the steps on their laptops to view the results being displayed over the multimedia. He gave an in-depth knowledge and practical use of data filtering, data representation, pivot tables, v-look ups, simple equations, finding sums and sumifs, and data visualization.

Students successfully executed all the commands and asked questions during and after the session. They considered it a very effective workshop and suggested to organize more sessions on the practical tool usage.



Students during the session

## 18. Miscellaneous tasks

### I. Agreement with Centre for Human Resource and Career Development (CHRCO)

Career Development Center lacks resources for organizing seminars, workshops, career fairs, and other career development activities. As suggested by the Treasurer, CDC staff had a meeting with the CHRCO staff and came up with a mutual consent of organizing career development events jointly. An agreement has been signed between CDC and CHRCO in this regard.

### II. Creation of logo for CDC letterhead

A number of logos are suggested for review of the worthy Vice Chancellor. According to his kind suggestions, a logo for CDC has been created and finalized.

### III. Launching Volunteer Program

CDC needed volunteers who have specific set of skills for example, report writing, expertise on social media operation and monitoring, graphic designing, and event organization. For this purpose, a volunteer-ship program was launched for students of all the Departments/Colleges/Institutes/Academies of the University. Around 40 students had applied for the said program out of which 13 were selected.

#### **IV. IBM Career Session (Online)**

CDC received a request for promoting and broadcasting IBM Career Session Online from IBM Pakistan team. Since it was intimated on a very short notice, an audience could not be gathered in this regard. However, the pamphlets, videos, and other supporting materials were shared with relevant Departments in the University and online via utilizing Facebook platform.

#### **V. Harvard South Asia Institute (SAI) Internship Program**

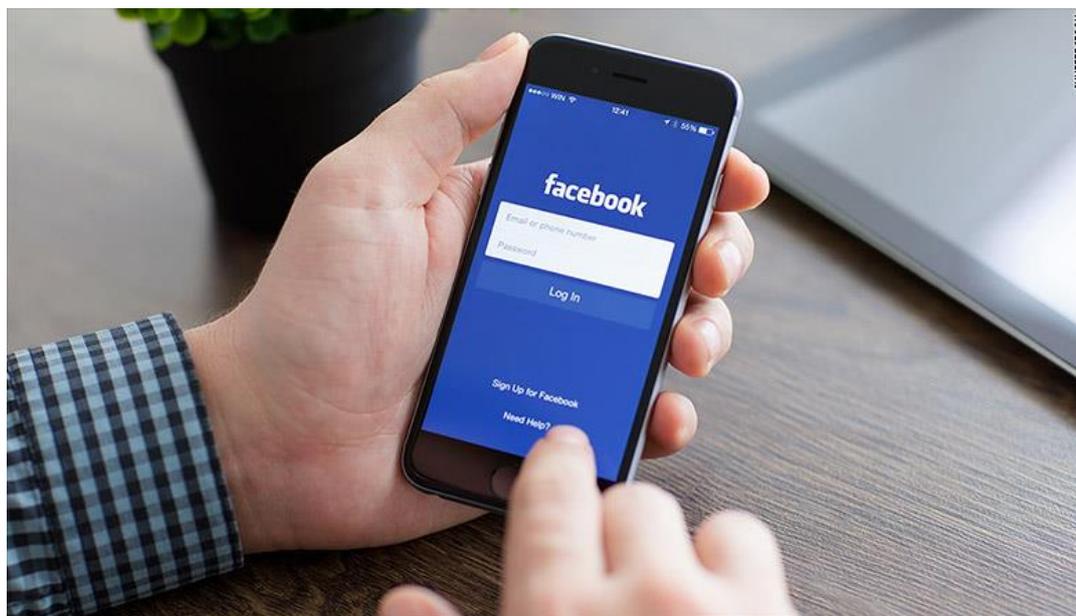
CDC received another request from Harvard South Asia Institute (SAI) for collecting Partition's Oral Stories Project "Looking Back Informing the Future – The 1947 Partition of British India: Implications of Mass Dislocations across Geographies". It was an unpaid internship after which students were awarded an internship certificate.

#### **VI. CDC Webpage**

CDC webpage on the University's official website, has been fully developed and updated in collaboration with CITS, University of Peshawar. The CDC webpage has now full description, vision, mission and objectives, and photographs of career development sessions conducted so far.

#### **VII. CDC Facebook Page**

Social media plays a very important role in today's competitive world. Starting from scratch, CDC's Facebook page is now very active and has more than 11000 followers. All the upcoming activities and opportunities are updated on the Facebook page in real-time. The feedback from students and faculty members is incredible with increasing number of followers on daily basis.



## University of Peshawar Alumni Association (UOPAA)

The university was established in 1950. Since then, it has developed into one of the best institutions of the country and has produced thousands of intellectuals, scholars, doctors, engineers, civil servants, politicians and leaders. The alumni has already been integrated in the name of University of Peshawar Alumni Association.

### **Mission**

To contribute to the development of the University and its alumni through improvement of curricula and programmes, provision of financial and material support and enhancing networking and career development between the alumni and existing students.

### **Objectives**

1. To promote social contact between senior alumni, old students, present students, and faculty of the University in collaboration with the university administration.
2. To promote good fellowship among all members of the association.
3. To devise ways and means of raising funds for the association and the University.
4. To develop and help maintain active alumni interactions and enhance the image of the University through self-enrichment, career development and role modeling in the wider society.
5. To raise financial and material resources for efficient and effective teaching and learning as well as general well being of students and academia at the University.
6. To provide support and advice on the improvement of the University library and other research activities.
7. To cooperate with the State of Pakistan, the Alma Mater and other institutions in spreading education and enlightenment among the people of Pakistan with special focus on Khyber Pakhtunkhwa.

The University employed two Assistant Directors (Employer Relations and Alumni Services) under the project “Strengthening of University of Peshawar” on 20<sup>th</sup> May, 2016. After the joining of the two Assistant Directors, the temporary office of alumni started its initial work. There was a communication gap between the ex-graduates and the Alma Mater due to the lack of resources. Currently, the ex-graduates have started contacting via telephone, emails, and other social media tools and facilities and are appreciating the efforts of the UOPAA team. However, this is just a first, but significant, step towards a long journey of having a well-established and vibrant alumni association.

Since May, 2016 this office is working actively on different projects. UOPAA is taking up on new endeavors for the development and grooming of the current students of the University by establishing contacts of the ex-graduates and other important organizations with the students. UOPAA is working for the promotion of a positive and vibrant image of the University and Khyber Pakhtunkhwa.

## 1. Reunion at Department of Geography

**Date:** 1<sup>st</sup> December, 2018, **Time:** 10:00 am to 2:00 pm

On 1st December, 2017, the Department of Geography arranged a Departmental Reunion. The event was graced by more than 100 senior alumni of the department. All the faculty members were also present on the occasion. It was decided to arrange the departmental reunion every year in the month of December.

Annual re-union, suitably named “Tajdeed-i-Mulaqat”, of old students of Peshawar University’s Urdu department was held in an emotionally charged environment. Staff and students mixed up in a friendly manner and brimmed with nostalgia. With dreamy eyes, guest speakers recalled their memories of serving as well as retired teachers. They spoke about the old spreading tree which was missing after the renovation. They looked at the refurbished department building and mentioned even the fountain, which used to add to the beauty and romance of department’s lawn.



Group Photo

## 2. Reunion at Department of Arabic

**Date:** 05<sup>th</sup> May, 2018, **Time:** 10:00 am to 1:00 pm

First Annual re-union of old students of Department of Arabic, University of Peshawar was held at the department. The honorable Vice Chancellor, Prof. Dr. Asif Khan graced the occasion. Though the gathering was a small one but the efforts made by the staff and faculty for the arrangements is praise-worthy. Senior Alumni shared their memories with the current students.

## 3. Reunion at College of Home Economics

**Date:** 04<sup>th</sup> May, 2018, **Time:** 10:00 am to 1:00 pm

The annual reunion at College of Home Economics was arranged on 4th May 2018. Large number of old students participated in the event.

# Chapter-10

# SPORTS

## SPORTS

The Directorate of Sports of the University is actively perusing its activities. The effort of the Directorate of Sports for promotion of sports, games and activities in close coordination with Higher Education Commission has proved more encouraging during the session 2017-18.

The Sports Session of the university usually starts from the month of September of the calendar year. During the Session 2017-2018, the activities of the Directorate of Sports were as under:

1. Convened the Annual General Body meeting of the university Sports Tournament Committee (UPSTC) Girls of the Constituent & Affiliated Colleges under the jurisdiction of the University on 30.11.2017.
2. Convened the Annual General Body meeting of the university Sports Tournament Committee (UPSTC) Boys of the Constituent & Affiliated Colleges under the jurisdiction of the University on 13.10.2017.
3. Convened the Annual Executive Body meeting of the university Sports Tournament Committee (UPSTC) Boys of the Constituent & Affiliated Colleges under the jurisdiction of the University on 24.10.2017.
4. Convened the Annual Executive Body meeting of the university Sports Tournament Committee (UPSTC) Girls of the Constituent & Affiliated Colleges under the jurisdiction of the University on 30.11.2017.
5. Organized the Sports Week of the Departments from 7<sup>th</sup> May to 11<sup>th</sup> May, 2018 at the Campus of The university.
6. The Inter Colleges Degree Tournaments for Boys of the Constituent & Affiliated Colleges under the jurisdiction of the university were organized in the following events.

- Athletics
- Handball
- Cricket
- Kabaddi
- Badminton
- Volleyball
- Basketball
- Tug of War
- Hockey
- Table-Tennis
- Football
- Squash



7. The Post Graduate Departments, University of Peshawar participated in Inter-Colleges Degree Tournaments (Boys) of the Constituent & Affiliated Colleges under the jurisdiction of the university and got positions mentioned against each.

S.No.	Game	Position with Name of the Institution		
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>
1.	Table Tennis	Post Graduate	Govt: College Peshawar	Edwardes College Peshawar
2.	Basket Ball	Govt. College Peshawar	Post Graduate	Edwardes College Peshawar
3.	Squash	Post Graduate	Govt. College Peshawar	Govt. Degree College Mathra Peshawar
4.	Hockey	Post Graduate	Govt. College Peshawar	Govt. Degree College Badaber Peshawar
5.	Kabaddi	Govt. Superior Science College Peshawar	Govt. College Peshawar	Post Graduate
6.	Tug of War	Govt. Degree College M.Sc. Charsadda	Govt. College Peshawar	Govt. Degree College Badaber Peshawar
7.	Volley Ball	Post Graduate	Govt. College Peshawar	Govt. Degree College Mathra Peshawar
8.	Tennis	Post Graduate	Govt. College Peshawar	Edwardes College Peshawar
9.	Badminton	Post Graduate	Govt. College Peshawar	Govt. Degree College Mathra Peshawar
10.	Foot Ball	Post Graduate	Quaid-e-Azam Commerce College	Govt. College M.Sc. Jamrud Khyber Agency
11.	Cricket	Post Graduate	Govt. Degree College Landi Kotal Khyber Agency	PEF Post Graduate College Arbab Road Peshawar
12.	Hand Ball	Govt. College Peshawar	Post Graduate	Govt. Degree College Mathra Peshawar
13.	Athletics	Govt. Degree College Mathra Peshawar	Post Graduate	Govt. Degree College Hayatabad Peshawar

8. The Inter Colleges Degree Tournaments for Girls of the Constituent & Affiliated Colleges under the jurisdiction of the university were organized in the following events.

- Badminton
- Basketball
- Table-Tennis
- Volleyball
- Handball
- Cricket
- Tug of War
- Athletics

9. The Post Graduate Departments, University of Peshawar participated in Inter Colleges Degree Tournaments of Girls of the Constituent & Affiliated Colleges under the jurisdiction of the university and got position mentioned against each.

S.No.	Game	Position with Name of the Institution		
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>
1.	Table Tennis	Jinnah College for Women UOP	Govt. Girls Degree College Tangi Charsadda	Post Graduate Department University of Peshawar
2.	Badminton	Post Graduate Department University of Peshawar	Jinnah College for Women University of Peshawar	Govt. Girls Degree College No.02 Hayatabad Peshawar
3.	Basket Ball	Jinnah College for Women UOP	Post Graduate Department University of Peshawar	College of Home Economics UOP
4.	Volley Ball	Govt. Girls Degree College Tangi Charsadda	Jinnah College for Women University of Peshawar	Govt: Girls Degree College No.02 Hayatabad Peshawar
5.	Hand Ball	Jinnah College for Women UOP	College of Home Economics University of Peshawar	Govt. Girls Degree College Nahaqi Peshawar
6.	Cricket	Post Graduate Department University of Peshawar	Jinnah College for women University of Peshawar	Govt. Girls Degree College No.02 Hayatabad Peshawar
7.	Tug of War	College of Home Economics UOP	Jinnah College for Women University of Peshawar	Govt. Home Economics College Nowshera
8.	Athletics	Jinnah College for Women UOP	Govt. Girls Degree College Nahaqi Peshawar	Govt. Girls Degree College Tangi Charsadda

10. The University of Peshawar participated in the following All Pakistan Inter Universities Tournament(s)/Championship(s) and got position mentioned against each game.

S.No.	Game/Event	Organizing Universities	Number of Participating Universities	Name of Participating Universities	Position of the University of Peshawar
1.	Athletics (Men)	University of Peshawar	29	1. COMSATS, Islamabad 2. Quaid-e-Azam Univ. Islamabad 3. BZU, Multan 4. GCU, Lahore 5. The Superior University, Lahore 6. University of Agriculture Faisalabad 7. UCP, Lahore 8. University of Sargodha	3 <sup>rd</sup>

S.No.	Game/Event	Organizing Universities	Number of Participating Universities	Name of Participating Universities	Position of the University of Peshawar
				9. University of the Punjab 10. University of Sindh, Jamshoro 11. Hazara University, Mansehra 12. UET, Peshawar 13. Islamia College, Peshawar 14. UST, Bannu 15. University of Swabi 16. University of Lahore, Lahore 17. AWKU Mardan 18. K U S T, Kohat 19. University of Management & Tech: Lahore 20. Forman Christian College University Lahore 21. Gomal University, D. I. Khan 22. Mirpur University (MUST) AJK 23. GCU, Faisalabad 24. UVAS, Lahore 25. SUSIT, Peshawar 26. National Defence University Islamabad 27. National University of Science Technical Islamabad 28. Sindh Agriculture University Tandojam 29. University of Peshawar	
2.	Badminton Men (Zone) "B"	University of Engineering & Technology, Peshawar	12	1. AWKU Mardan 2. The Univ. of Agriculture Peshawar 3. Islamia College Peshawar 4. Sarhad University of Science & Information Technology, Peshawar. 5. Khyber Medical University Peshawar 6. G. I. K. Topi, Swabi 7. University of Peshawar 8. University of Swabi, Swabi 9. Northern, University, NSR 10. City, University, Peshawar	1 <sup>st</sup>

S.No.	Game/Event	Organizing Universities	Number of Participating Universities	Name of Participating Universities	Position of the University of Peshawar
				11. CECOS University, Peshawar 12. UET, Peshawar	
3.	Badminton Men (Final)	Hamdard University Karachi	17	1. Deer University 2. University of Peshawar 3. Quaid-e-Azam Univ. Islamabad 4. UCP, Lahore 5. University of Karachi, Karachi 6. GCU, Lahore 7. BUIITEMS, Quetta 8. B. Z. U. Multan 9. The Superior University, Lahore 10. NUST, Islamabad 11. Mehran University, Karach 12. Sarhad Univ. of Sc & I. Tech, Peshawar 13. Quaid-e-Awam University Nawabshah 14. UST, Bannu 15. University of the Punjab 16. University of Lahore 17. Iqra University, Karachi	Participation
4.	Basketball Men (Zone) "B"	Abdul Wali Khan University Mardan	07	1. UET, Peshawar 2. The Univ. of Agriculture Peshawar 3. Islamia College Peshawar 4. CECOS University, Peshawar 5. University of Peshawar 6. G. I. K. Topi, Swabi 7. AWKU Mardan	Participation
5.	Boxing (Men)	National University of Computer & Emerging Science, Islamabad	29	1. University of Peshawar 2. Shah Abdul Latuf University 3. S. U. P 4. BZU, Multan 5. GCU, Faisalabad 6. GCU, Lahore 7. Iqra University, Karachi 8. The Islamia Univ. Bahawalpur 9. The Superior University, Lahore 10. University of Agriculture Faisalabad	Two Silver & One Brown Medals

S.No.	Game/Event	Organizing Universities	Number of Participating Universities	Name of Participating Universities	Position of the University of Peshawar
				11. University of Karachi, Karachi 12. UCP, Lahore. 13. UET, Lahore 14. University of Sargodha 15. University of the Punjab 16. Sir Syed University, Karachi 17. Mirpur University (MUST) AJK 18. Quaid-e-Awam University Nawabshah 19. Hazara University Mansehra 20. University of Lahore 21. University of Sindh Jamshoro 22. U. M. T 23. L. G. U 24. I. I. U, Islamabad 25. AWKU Mardan 26. S. B. B. U. Karachi 27. UET, Texila 28. FAST, Islamabad 29. Quaid-e-Azam University, Islamabad	
6.	Cricket Men (Zone) "B"	Islamia College Peshawar	10	1. AWKU Mardan 2. The Univ. of Agriculture Peshawar 3. Northern, University, NSR 4. UET, Peshawar 5. University of Peshawar 6. G. I. K. Topi, Swabi 7. CECOS University, Peshawar 8. University of Swabi, Swabi 9. City, University, Peshawar 10. Islamia College, Peshawar	1 <sup>st</sup>
7.	Cricket Men (Final)	University of The Punjab	18	1. NUML, Lahore 2. University of Peshawar 3. Quaid-e-Azam Univ. Islamabad 4. BZU, Multan 5. Quaid-e-Awam University Nawabshah 6. BUITMS, Quetta 7. S. B. B. U	Participation

S.No.	Game/Event	Organizing Universities	Number of Participating Universities	Name of Participating Universities	Position of the University of Peshawar
				8. Islamia College, Peshawar 9. The Superior University, Lahore 10. UST, Bannu 11. University of Baluchistan 12. UCP, Lahore. 13. UET, Lahore 14. University of Sargodha 15. University of Karachi, Karachi 16. University of Sindh, Jamshoro 17. Iqra University, Karachi 18. University of the Punjab	
8.	Cycling (Men)	University of The Punjab	15	1. University of Sindh, Jamshoro 2. University of Peshawar 3. University of Karachi, Karachi 4. BZU, Multan 5. Quaid-e-Awam University Nawabshah 6. GCU, Lahore 7. COMSATS, Islamabad 8. The Islamia Univ. Bahawalpur 9. The Superior University, Lahore 10. University of Agriculture Faisalabad 11. UVAS, Lahore 12. UCP, Lahore. 13. UET, Lahore 14. University of Sargodha 15. University of the Punjab	Participation
9.	Football Men (Zone) "B"	Sarhad University, Peshawar	14	1. AWKU Mardan 2. The Univ. of Agriculture Peshawar 3. Northern, University, NSR 4. UET, Peshawar 5. University of Peshawar 6. Khyber Medical University, Peshawar 7. Islamia College, Peshawar	Participation

S.No.	Game/Event	Organizing Universities	Number of Participating Universities	Name of Participating Universities	Position of the University of Peshawar
				8. University of Swabi, Swabi 9. City, University, Peshawar 10. CECOS University, Peshawar 11. Abasyn University, Peshawar 12. G. I. K. Topi, Swabi 13. FATA, University F.R Kohat 14. Sarhad University, Peshawar	
10.	Handball	University of Agriculture Faisalabad	12	1. University of Central Punjab, Lahore 2. AWKU Mardan 3. BZU, Multan 4. University of Lahore 5. GCU, Lahore 6. University of the Punjab 7. UVAS, Lahore 8. University of Peshawar 9. Hazara University Mansehra 10. University of Haripur, Haripur 11. SUP 12. University of Faisalabad	Participation
11.	Hockey Men (Zone) "B"	. Islamia College Peshawar	05	1. University of Peshawar 2. The Univ. of Agriculture Peshawar 3. G. I. K. Topi, Swabi 4. AWKU Mardan 5. Islamia College Peshawar	2 <sup>nd</sup>
12.	Hockey Men (Final)	University of Sargodha	12	1. Quaid-e-Azam University, Islamabad 2. University of Lahore 3. University of Sindh, Jamshoro 4. GCU, Faisalabad 5. GCU, Lahore 6. The Superior University, Lahore 7. UCP, Lahore. 8. Bahria University, Islamabad 9. University of the Punjab 10. University of Peshawar 11. Sir Syed University Karachi 12. Islamia College, Peshawar	Participation

S.No.	Game/Event	Organizing Universities	Number of Participating Universities	Name of Participating Universities	Position of the University of Peshawar
13.	Kabaddi Men	University of Veterinary & Animal Sciences, Lahore	12	1. NTU, Faisalabad 2. University of Peshawar 3. LGU, 4. BZU, Multan 5. UVAS, Lahore 6. GCU, Lahore 7. University of Agriculture Faisalabad 8. UCP, Lahore 9. The Superior University, Lahore 10. University of Lahore 11. University of the Punjab 12. GCU, Faisalabad	Participation
14.	Squash Men	National University of Sciences & Technology Islamabad	15	1. CUST 2. COMSATS, Islamabad 3. GCU, Lahore 4. Iqra University, Karachi 5. The Superior University, Lahore 6. AWKU Mardan 7. UCP, Lahore 8. Air University Islamabad 9. LUMS, Lahore 10. The Islamia Univ. Bahawalpur 11. University of Agriculture Faisalabad 12. UVAS, Lahore 13. University of Peshawar 14. University of the Punjab 15. NUST, Islamabad	1 <sup>st</sup>
15.	Table Tennis Men (Zone) "B"	University of Engineering & Technology, Peshawar	06	1. AWKU Mardan 2. Islamia College Peshawar 3. G. I. K. Topi, Swabi 4. University of Peshawar 5. Khyber Medical University, Peshawar 6. UET, Peshawar	1 <sup>st</sup>
16.	Table Tennis Men (Final)	University of The Punjab, Lahore	09	1. I.B.A Karachi 2. UCP, Lahore 3. The Superior University, Lahore	Participation

S.No.	Game/Event	Organizing Universities	Number of Participating Universities	Name of Participating Universities	Position of the University of Peshawar
				4. BUIITEMS, Quetta 5. University of Peshawar 6. Iqra University, Karachi 7. University of Sargodha 8. BZU, Multan 9. University of the Punjab	
17.	Tennis (Men)	The University of Lahore	14	1. University of Peshawar 2. University of Sindh Jamshoro 3. UVAS, Lahore 4. The Superior University, Lahore 5. COMSATS, Islamabad 6. FCCU, Lahore 7. University of the Punjab 8. I.B.A Karachi 9. U. E. T Peshawar 10. The Univ. of Agriculture Peshawar 11. GCU, Lahore 12. University of Agriculture Faisalabad 13. LUMS, Lahore 14. The University of Lahore	4 <sup>th</sup>
18.	Volleyball Men (Zone) "B"	Sarhad Univ. of Science & Information Tech, Peshawar	14	1. AWKU Mardan 2. The Univ. of Agriculture Peshawar 3. Northern, University, NSR 4. UET, Peshawar 5. University of Peshawar 6. Khyber Medical University, Peshawar 7. Islamia College, Peshawar 8. University of Swabi, Swabi 9. City, University, Peshawar 10. CECOS University, Peshawar 11. Abbaseen University, Peshawar 12. G. I. K. Topi, Swabi 13. FATA, University F.R Kohat 14. Sarhad University, Peshawar	1 <sup>st</sup>
19.	Volleyball Men (Final)	Sarhad Univ. of Science &	14	1. University of the Punjab 2. Hamdard University, Karachi	2 <sup>nd</sup>

S.No.	Game/Event	Organizing Universities	Number of Participating Universities	Name of Participating Universities	Position of the University of Peshawar
		Information Tech, Peshawar		3. UST, Bannu 4. Agha Khan University, Karach 5. University of Sargodha, Sargodha 6. AWKU, Mardan 7. Poonch University, Muzaffarabad 8. Gomal University D. I. Khan 9. University of Peshawar 10. University of AJK, Muzaffarabad 11. B. Z. U. Multan 12. BUITEMS, Quetta 13. U. C. P, Lahore 14. The Superior University, Lahore	
20.	Volleyball (Women)	Fatima Jinnah University Rawalpindi	19	1. University of the Punjab 2. Mirpur University (MUST) AJK 3. University of Sargodha 4. University of Lahore 5. Arid Agriculture University:, Rawalpindi 6. SBK, Quetta 7. University of AJK, Muzaffarabad 8. COMSATS, Islamabad 9. National Univ. of Sciences & Tech. Islamabad 10. University of Sindh, Jamshoro 11. BZU, Multan 12. I. I. U, Islamabad 13. UVAS, Lahore 14. LUMS, Lahore 15. University of Peshawar 16. The Islamia Univ. Bahawalpur 17. Imperial College of Business Studies, Lahore 18. LCWU, Lahore 19. Fatima Jinnah University Rawalpindi	Participation

S.No.	Game/Event	Organizing Universities	Number of Participating Universities	Name of Participating Universities	Position of the University of Peshawar
21.	Water Polo	University of Engineering & Technology, Lahore	09	1. University of Peshawar 2. UCP, Lahore. 3. University of the Punjab 4. Mirpur University (MUST) AJK 5. University of Lahore 6. GCU, Lahore 7. UVAS, Lahore 8. The Superior University, Lahore 9. UET, Lahore	Participation



# Chapter-11

## University Building Leadership

## University Building Leadership

### Functions of Provost Office

#### 1. Management of Hostels

##### Male Hostels

1. Khushal Khan Khattak Hostel No. 1	(Capacity = 388)
2. Rehman Baba Hostel No. 2	(Capacity = 388)
3. Allama Iqbal Hostel No. 9	(Capacity = 338)
4. Dr. Abdul Qadeer Hostel Block-D	(Capacity = 282)
5. Engr. Saadat Mand Hostel Block-C	(Capacity = 204)
6. Prof. Pareshan Khattak Hostel Block-A	(Capacity = 430)
7. Abdul Ali Khan Hostel Block-B	(Capacity = 438)
8. Quaid e Azam International Hostel	(Capacity = 048)

##### Female Hostels

1. Old Tribal Girls Hostel	(Capacity = 262)
2. Fatima Jinnah Girls Hostel	(Capacity = 366)
3. Benazir Girls Hostel	(Capacity = 312)
4. Tatara Girls Hostel	(Capacity = 394)
5. New Tribal Girls Hostel	(Capacity = 440)

<b>STC Hostel</b>	<b>=</b>	<b>46 Rooms</b>
<b>Tent Hostel</b>	<b>=</b>	<b>17 Rooms</b>

#### 2. University Disciplinary Committee

Held 03 meetings and dealt with 13 breach of discipline /regulations cases.

#### 3. Management of University Ration Store:

The University Ration Store provides dry ration to official messes at Hostels.

#### 4. Supervision & Management of Academic Activities at Bara Gali Summer Camp

Activities in Bara Gali starts in the Month of April every year. To facilitate these activities 25 – 30 numbers of hostel staff including cooks, bearers, sweepers & security guards are detailed to Bara Gali Summer Camp for smooth running of academic activities in every summer season.

## Schedule of Activities in the Academic Year 2017-18

### Seminar List for the Summer 2017

S.No.	Department	Date of Arrival	Date of Departure	Participants
1	University of Science & Technology Abbottabad	29-Apr-17	30-Apr-17	60
2	Center for Disaster Preparedness & Management	02-May-17	05-May-17	85
3	Area Study Centre,	05-May-17	08-May-17	70
4	SNGPL, Lahore	08-May-17	11-May-17	35
5	Department of History	11-May-17	15-May-17	150
6	Department of Geology	17-May-17	21-May-17	270
7	College of Home Economics	21-May-17	24-May-17	240
8	Faculty of Arts & Humanities	25-May-17	26-May-17	200
9	Department of Islamiyat	02-Jul-17	05-Jul-17	70
10	Department of Pharmacy	05-Jul-17	09-Jul-17	100
11	Centre of Plant Biodiversity	09-Jul-17	13-Jul-17	80
12	Department of Library & Information Science	14-Jul-17	17-Jul-17	100
13	Area Study Centre	17-Jul-17	21-Jul-17	70
14	Department of Botany	21-Jul-17	24-Jul-17	200
15	Department of Geography	24-Jul-17	28-Jul-17	130
16	Quaid-e-Azam College of Commerce	29-Jul-17	02-Aug-17	70
17	Central Library	03-Aug-17	06-Aug-17	150
18	Center for Disaster Preparedness & Management	07-Aug-17	11-Aug-17	180
19	Department of Political Science (Summer School)	08-Aug-17	19-Aug-17	50
20	Area Study Centre	11-Aug-17	14-Aug-17	70
21	Department of Economics	15-Aug-17	19-Aug-17	120
22	Department of Political Science (Seminar)	19-Aug-17	23-Aug-17	200
23	Department of Social Work	23-Aug-17	27-Aug-17	40
24	Department of Psychology	26-Aug-17	29-Aug-17	150
25	Center for Disaster Preparedness & Management	10-Sep-17	16-Sep-17	50

## Seminar list for the Summer 2018

S.No.	Department	Arrival	Departure	Participants
1	Department of Criminology "Child Rights & Child Protection"	21-Apr-18	25-Apr-18	50
2	3-Days Education Summit organized by Study Aid Foundation for Excellence (SAFE) in collaboration with Khyber Islamic Cultural Society	11-May-18	13-May-18	60
3	Department of Geography New Trends and Techniques in Geography"	25-Jun-18	27-Jun-18	120
4	Sui Northern Gas Pipelines Limited "Trainings and Courses for Executives for future orientation"	30-Jun-18	02-Jul-18	100
5	Centre of Plant Biodiversity "Biodiversity Conservation in Pakistan"	07-Jul-18	11-Jul-18	170
6	Institute of Education & Research [IER] "School Based Vocational Curriculum"	16-Jul-18	19-Jul-18	150
7	Central Library "Global Trends & Innovation in Modern Libraries & Information Centre"	19-Jul-18	22-Jul-18	130
8	Health Safety and Environment (HSE) Conference	29-Jul-18	31-Jul-18	50
9	Pak US Alumni Network "Youth Development & Social Awareness"	03-Aug-18	05-Aug-18	200
10	Pashto Academy 3-Days Conference	06-Aug-18	09-Aug-18	170
11	NCE in Geology, "5th International Conference Earth Sciences Pakistan 2018"	10-Aug-18	14-Aug-18	300
12	Political Science "The Dynamics of Change in the Pakistan-Afghanistan region: Politics on Borderland"	03-Sep-18	05-Sep-18	170
13	Political Science (Summer School) "Governance, Conflict and Peace Building"	05-Sep-18	14-Sep-18	50
14	Institute of Chemical Sciences "29th National and 17th International Chemistry Conference"	05-Sep-18	09-Sep-18	250
15	Directorate of Higher Education KPK "Designing a Research Report & Research Paper at Undergraduate Level"	09-Sep-18	12-Sep-18	70
16	Journalism & Mass Communication "Journalism & Mass Commutation"	17-Sep-18	19-Sep-18	50

- More than 50 foreigners participated besides National Scholars.
- 20 to 25 Support Staff/Administrative Staff facilitated the events.

### Student's Study Tours / Field Trips in the Year 2017

S.No.	Department	From	To	Male	Female
1	Islamia College Peshawar	28-Apr-17	30-Aug-17	25	10
2	Department of Geography	02-May-17	04-May-17	50	25
3	Center for Disaster Preparedness & Management	02-May-17	04-May-17	76	Nil
4	Department of Pharmacy, UoP	06-May-17	09-May-17	Nil	40
5	Sheikh Zayed Islamic Center	09-May-17	11-May-17	53	Nil
6	Department of Geography	09-May-17	12-May-17	40	12
7	Department of Pharmacy	13-May-17	19-May-17	50	Nil
8	Department of Botany	13-May-17	19-Jan-00	30	50
9	Department of Geography	16-May-17	18-May-17	36	42
10	University of Swabi	21-May-17	26-May-17	50	Nil

### Student's Study Tours / Field Trips in the Year 2018

S.No.	Department / Institution	Male	Female	Faculty	From	To
1	Department of Journalism & Mass Communication	40	20	3	22-03-18	24-03-18
2	Shaheed Benazir Bhutto University Sheringal, Dir Upper	20	0	2	03-04-18	04-04-18
3	Sheikh Zayed Islamic Center	20	0	2	13-04-18	15-04-18
5	Department of Mathematics	50	15	4	20-04-18	21-04-18
6	Department of History	25	12	2	24-04-18	27-04-18
7	Department of Sociology, University of Swabi	25	4	4	25-04-18	27-04-18
8	Department of Geography	40	0	3	26-04-18	27-04-18
9	Center of Bio-technology and Micro Biology	47	43	4	29-04-18	01-05-18
10	Department of Geography	48	0	2	30-04-18	01-05-18
11	NCE in Physical Chemistry	16	13	2	02-05-18	03-05-18
12	Department of Pharmacy	0	47	3	03-05-18	06-05-18
13	Department of Geography	50	30	3	03-05-18	05-05-18
14	Department of Sociology	43	26	4	05-05-18	10-05-18
15	Department of Botany, ICP	45	43	8	05-05-18	07-05-18
16	Department of Geography,	37	0	3	07-05-18	10-05-18
17	Department of Urban and Regional Planning	35	0	2	07-05-18	12-05-18
18	Department of Zoology	60	0	3	10-05-18	12-05-18
19	Department of Pharmacy	52	50	3	25-06-18	30-06-18
20	Department of Pharmacy, University of Swabi	50	0	2	04-05-18	06-05-18

## 5. Issuance of Students/Employees Id Cards:

The Office issued Student / Employees Cards as per detail given below:

Students Cards:	6128	Nos.
Hostel Cards:	1261	Nos.
Employees Cards:	0241	Nos.
Ex-Servicemen Cards:	0019	Nos.
Chest Cards for Convocation:	0650	Nos.

## 6. Supervision & Maintenance of 13 Hostel's

## 7. Repair & Maintenance of Hostels (Civil/Electrical/Public Health Work / Tube Well Generators)

## 8. Maintenance of Law & Order

Provost Office also coordinates with Campus Police and the Director Administration in maintaining Law & Order situation within the University Hostels.

## 9. Security Measures

- Establishment of Quick Response Unit
- Deployment of Askari Security Guards at Hostels.
- Provision of AK-47 guns along with ammunition to Hostels.
- Installation of SOS system in Hostels
- Installation of Emergency Alarm System in Hostels
- Construction of Emergency Exit gates in Hostels.
- Provision of Fire extinguishers in Hostels.
- Fixation of razor wires over the boundary walls of Hostels.
- Provision of Wireless Sets & Metal Detectors in Hostels.
- Lighting at University Hostels in & around the hostel as per direction of CPC & CSO
- Installation of Iron Grill/Gates
- Construction of Watch Towers over hostels

## 10. Achievements

### Achievements at Hostels

- Repair of 40 water coolers in the year of 2017 & 48 in 2018
- Constitution of Purchase Committee for University Ration Store
- New Tube Well at Hostel No. 1
- Repair/Replacement of Gas Stoves in all hostels
- Purchase of Edible oil from Shama Ghee Mill for ensuring quality & Economy
- Installation of Fire Extinguishers at Hostels
- Provision of Chairs for study rooms at Hostel No.1 & New Hostel Block-B
- Installation of water cooling plant at Hostel No. 2
- Replacement of Air Conditions at Study Room of Hostel No. 2
- Installation of CCTV Cameras around New Hostels block A,B,C,D ,1.2 &9.
- Tuning/overhauling of all generators

- Fortification of New Hostel Block-A, B & C into a single compound
- Firing practice, Walki Talki sets, ammunition, Motor-bikes, PBX-telephone to QRU and Assistant Wardens
- Construction of Guard Room at New Hostel Block A.B&C
- Construction of watch Towers at at New Hostel Block A.B&C
- Construction of Guest Room at at New Hostel Block A.B&C
- Fixation of grills at Provost Office
- Overhauling of girls hostel ambulance and fuel delivery Suzuki Pickup
- Civil/Electrical works at the vacated hostels i.e. Block-A, B, C & D
- Replacement of Air Conditioners at common room of Hostel No.2
- Construction of Guard Room & Guest Room at New Hostel Block-A, B & C entrance
- Construction of Cupboards at Tatara Girls Hostel and creating 60 seats thereat.
- Accommodating 300 students of Jinnah College for Women against the last year 150 students
- Repair of 180 Fans
- Purchase of 170 New Beds
- Repair and spinning /weaving of 150 beds at New Hostel Block B, 50 beds at New Tribal Girls Hostel and 42 beds at Benazir Girls Hostel
- Establishment of New Student's Societies Hall
- Training of Wardens/Hostel Staff on taxes
- Introduction of Note-sheet culture at office
- Starting of official mess at New Hostel Block-A&B
- Clean-up operation at hostels
- Allotment of Rooms through computerized Centralized Hostel Management System

### **Achievements at Bara Gali Summer Campus**

- Extension/Renovation of Main Kitchen, Bara Gali Summer Camp
- UPS System in Conference Halls, office, kitchen, Tandoor, Mosque & Front area
- Emergency lights at VIP Guest House & all Guest Houses
- False ceiling at 7-Series houses, 10-series houses, AP House, Green House, Guest House No. 1/4, 2/4 & 3/4, Vice Chancellor's House
- Painting of roofs of all houses after 10 years
- Installation of English Water Closets at 10-series houses
- Purchase of 150 new Blankets/Pillows/Bed-sheets/Toshaks
- Installation/Repair of all geysers at Bara Gali
- Construction of 3 new washrooms in front of Conference Hall to facilitate the participants of seminars
- Replacement of Conventional Bulbs by modern LEDs
- Hiring of local security guards on daily-wages (only for summer)
- Construction of shade over electric transformer at Bara Gali to safe guard it from snow
- Replacement of all Foam Covers at Barrack 1 & 2

- Receipts at Bara Gali upto 7.8 million in 2017-18
- Installation of Fire Extinguishers at Bara Gali Camp
- Replacement of Barrack # 6 Roof.
- Rehabilitation of Barrack # 3 & Construction of 4 washrooms.
- Reduction of Electricity bill by economizing it from Rs. 160,000/- to Rs. 80,000/-
- Replacement of old model Donkey Pumps & Installation of economical & latest Submersible motors
- Painting of all roof sheets.



# Chapter-12

## Finance

## Recurring Budget

Million Rupees

Particulars		2016-17			2017-18 (Budget Estimates)
		Actual for 9 Months	Revised for 3 Months	Total Revised Estimates	
<b>1. Opening Balance</b>		126.120		126.120	(308.032)
<b>2. Total Grants &amp; Donations [a + b]</b>		937.118	416.823	1,353.941	1,395.122
a.	Federal Government (Annual)	904.083	387.464	1,291.547	1,336.469
b.	Grant for Tenure Track Faculty	33.035	29.359	62.394	58.653
<b>3 (i) Students Related Income</b>		923.358	136.712	1,060.070	1,212.171
<b>3 (ii) Other Venues of Income</b>		140.897	68.353	209.250	231.761
<b>3. Total Own Resources</b>		1,064.255	205.065	1,269.320	1,443.932
<b>A. Total Available Resources [1+2+3]</b>		<b>2,127.493</b>	<b>621.888</b>	<b>2,749.381</b>	<b>2,531.021</b>
<b>4. Expenditure</b>					
a.	Salaries	1,248.242	275.882	1,524.124	1,815.962
b.	TTS Faculty Salary	82.265	20.000	102.265	105.733
c.	Pension	483.917	167.800	651.717	652.000
<b>5. Total Establishment Charges (a + b + c)</b>		1,814.424	463.682	2,278.106	2,573.695
<b>6. Other (Non-Salary) Expenditure</b>		489.157	290.151	779.308	917.336
<b>B. Total Expenditure (5 + 6)</b>		<b>2,303.580</b>	<b>753.833</b>	<b>3,057.413</b>	<b>3,491.031</b>
<b>C. Surplus / Deficit [A - B]</b>		<b>(176.087)</b>	<b>(131.945)</b>	<b>(308.032)</b>	<b>(960.009)</b>
<b>D. One Time Receipts</b>					
1	Receipts from Divestment	455.138		-	
2	Department Fund	214.554		-	
<b>D</b>	<b>Total (1 + 2)</b>	<b>669.692</b>		<b>-</b>	<b>-</b>
<b>E. School Budget</b>					
	Receipts				67.732
	Expenditure				321.980
	Deficit				(254.248)
<b>E. Cumulative Surplus/Deficit [C+D]</b>		<b>(176.087)</b>	<b>(131.945)</b>	<b>(308.032)</b>	<b>(1,214.258)</b>

## Developmental Budget

S.NO.	Name of the Project	Approved Cost	Expence up to June 2017	Expence During year 2017-18	Total Expence up to june 2018
1	<b>Strengthening of University of Peshawar</b> Admin Approval : Oct, 2011 Approvedby: CDWP Fund Released till June 2018 = 510 Million Completion Date: 30 <sup>th</sup> June 2019	736.253	299.291	125.722	425.013
2	<b>Strengthening of Academic and Professional Facilities at University of Peshawar</b> Admin Approval: 24.01.2017 Approved by: CDWP Fund Released till June 2018 =100 million Duration: 36 months	796.255	0.151	47.557	47.708



Vice Chancellor University of Peshawar Prof. Dr. Muhammad Asif Khan is chairing a key meeting of Finance and Planning Committee to review the budgetary allocation for Higher Education Commission projects posts on 7<sup>th</sup> November, 2018.

# AUDIT CERTIFICATE



## OFFICE OF THE DIRECTOR GENERAL AUDIT KHYBER PAKHTUNKHWA, PESHAWAR

**The Vice Chancellor,  
University of Peshawar**

**It is submitted that Audit Team of Director General Audit Khyber Pakhtunkhwa, headed by the Undersigned has conducted audit of Accounts of University of Peshawar for 2017-18 with effect from 01-02-2019 to 30-03-2019.**

**IFTIKHAR AZIZ**  
**Audit Officer Inspection**  
**Director General Audit**  
**Khyber Pakhtunkhwa**

# Chapter-13

## University Governance

## Overview

The university is governed and managed under the provisions of Khyber Pakhtunkhwa Universities Act-2012 (Amended 2016) and the Statutes, Rules and Regulations made thereunder through various bodies, called authorities. The University Authorities may be classified in two broad group:

### Authorities established by the Act:

1. Senate
2. Syndicate
3. Academic Council

### Authorities established by the Statutes:

1. Board of Faculty
2. Board of Studies
3. Advanced Studies and Research Board
4. Finance and Planning Committee
5. Selection Board
6. Affiliation Committee
7. Discipline Committee

#### 1. Senate:

The senate has the power of general supervision over the university and it may hold the authorities accountable for all the functions of the university. The senate has all powers of the university not expressly vested in an Authority or officer by the university Act. During Academic year 2017-18, the meeting of senate was held on 22<sup>th</sup> February 2018.

#### 2. Syndicate:

The Syndicate is the executive body of the university and exercises general supervision over the affairs and management of the university. Three meetings of the Syndicate were held during academic year 2017-18.

- 18<sup>th</sup> August, 2017
- 23<sup>rd</sup> November, 2017
- 3<sup>rd</sup> December, 2017

#### 3. Academic Council:

The Academic Council is the principal academic body of the University and has powers to lay down proper standards of instruction, research and examinations and to regulate and promote the academic life of the University and the colleges. The Academic Council meeting was held on 27<sup>th</sup> June 2018.

#### 4. Selection Board:

The Selection Board considers the applications received in response to advertisement and recommends to the syndicate the names of suitable candidates for appointment to teaching and other posts in BPS-17 and above. During Academic year 2017-18, meeting of the section Board was held on 21<sup>st</sup> November, 2018.

#### 5. Finance and Planning Committee

The Functions of the Finance and Planning Committee includes considering annual statement of accounts, annual and revised budget estimates, to review periodically the financial position of the University and to advise the Syndicate on all matters relating the planning, development, finances, investments and accounts of the University. The meeting of the Finance and Planning Committee was held on 8<sup>th</sup> May, 2018.

#### 6. Affiliation Committee

The functions of the Affiliation Committee are to inspect the educational institutions seeking affiliation with, or admission to the privileges of the university and to inquire into complaints alleging breach of conditions of affiliation by affiliated colleges and to advise the Academic Council thereon. The meetings of the Affiliation Committee were held on following dates.

- 16<sup>th</sup> January 2018
- 26<sup>th</sup> March 2018
- 13<sup>th</sup> July 2018



**Meeting of the Syndicate**

# Chapter-14

## Health Centre / Medical Facilities

## Medical Facilities



**Building of the Health Centre, University Campus.**

The University Health Centre has been established in 1961 which is constituent part of the university which provides health facility with ease to the employees. The aim is to provide out-patient health facilities to the employees of the Universities', their families and children as well as to the female students of different Departments, Institutes, Research Centres, Colleges, Schools etc. of University of Peshawar as well as to other Universities, Colleges etc. on the Campus i.e., Islamia College University, Engineering University, Agricultural University, Medical College, Dental College, etc. Further, in case of emergency, the patients are visited/examined at their place of incident. Moreover, Ambulance facility is also available at the campus.

The Centre also furnishes Medical Report on Reimbursement cases which is required by University for processing these cases. In case of medical leave/ reimbursement cases of the employees of the University, medical report/advice/expert opinion given by this Centre, or by Medical Board (of which the Medical Officer of the Centre is member) is considered as official report, which highlights medical aspects of the cases, which facilitates the University Authorities in decision making. Consultation services of the Centre are always available to University, of which the Centre feels pleasure to extend.

### **1. Timings**

Office timings: 08:00 A.M. to 4:00 P.M.

Besides office timing, in case of emergency, the patients are also examined at residence of the doctor, which is located adjacent to the Centre at University Campus.

## **2. Basic Role of the University Health Centre**

University Health Centre is basically a dispensary and meant for out-patient only.

## **3. Consultation**

Staff, their Families and Children of different Universities at the Campus visits the Centre for consultation during office timings.

## **4. Ante-natal Checkups**

Regular Ante-Natal Checkup is done and its record is maintained by the Centre throughout pregnancy duration. Ultra Sound facility are also for available for Ante-Natal patients.

## **5. Deliveries**

All Ante-Natal and Post-Natal checkup are done, however, deliveries are not attended at the Centre. However, patients who want to get delivered at their home, L.H.V. and Dai services are provided at their residence (by call). Patients are also allowed to visit Kulsoom Maternity Home, Dr. Johar Clinic, CMH and other Government Hospitals and their charges are reimbursed by the University.

## **6. Post-Natal Checkup**

Patients who are delivered at their home, if they need Post-Natal checkup L.H.Vs and Dais visit these patients at their home for Post-Natal care.

## **7. Vaccination**

Services of one male and one female vaccinators are available at the Centre which is deputed by Health Department, Khyber Pakhtunkwa Government. Vaccination for tuberculosis, diphtheria, pertussis, hepatitis, tetanus and polio is done. Polio drops are given to the children up to the age of 5 years on regular basis. Rota vaccination is also given to children.

## **8. Dressings and Minor Surgery etc.**

Facilities of Dressings and Minor Surgery etc. in case of abscess drains, burns, wounds cuts etc. are available at the Centre, however, in case of complicated cases it is referred to K.T.H. Injections and Drips prescribed by private doctors are not entertained in this Centre to avoid reactions and other complication. Only those injections are entertained which are prescribed by the Medical Officer, University Health Centre.

## **9. Minor Test**

Bl Sugar, Pregnancy Test, Urine for sugar and Albumin, Ultrasound are offered only to Ante-Natal patients.

## **10. Medicine**

Medical Allowance is given to University employees in their pay, therefore, in the Centre, only emergency medicines are given to patients.

## 11. Certificates

Different health related certificates are required by staff of the University which is provided by this Centre. Some of the Certificates which are provided by the Centre are as:

- i. Birth Certificate
- ii. Health certificate for initial appointment/fitness certificates
- iii. Vaccination certificate.
- iv. Certificate for sick leave
- v. Certificate for maternity leave.
- vi. Certificate for retirement on medical ground.
- vii. Certificate for disability to the disable students for admission in University.

## 12. Laboratory Test

Employees and their families shall be entitled for free laboratory tests subject to the production of proper prescription slip which is provided by the Centre. The University established a diagnostic laboratory in the Centre of Biotechnology and Microbiology which provide free of cost diagnostic services to University employees.

**Anxiety یا سبے گئی:**

ماہرین نفسیات کے مطابق Anxiety اُس خوف یا بے چینی کا نام ہے جو انسانوں میں کسی نکتہ نظر سے کے احساس سے پیدا ہوتی ہے۔ ایسے حالات میں انسان کی نہ صرف ذہنی سطح متاثر ہوتی ہے بلکہ جسمانی طور پر بھی پنوں میں سکھایا، جھکاوت اور سستی محسوس کرتا ہے۔

یہ اور اس سے متعلقہ پریشانیوں اور نفسیاتی اٹیچمنوں کا مکمل اور آسان علاج ممکن ہے۔ CTCJ سماجیوں کی نفسیاتی پریشانیوں کم کرنے اور ذہنی استحکام بڑھانے کا ایک جدید اور مکمل انتظامی مرکز ہے جہاں پر سماجیوں کو نفسیاتی علاج کی مفت سہولت فراہم کی جاتی ہے۔

مزید معلومات کیلئے رابطہ کیجئے

ڈیپارٹمنٹ آف سائیکالوجی  
یونیورسٹی آف پشاور  
Hotline: 091-9216701 (Ext: 3065)  
psychologydepartmentuop@gmail.com

پروفیسر ڈاکٹر اعجاز اللہ خان  
ڈیپارٹمنٹ آف جرنلزم اینڈ ماس کمیونیکیشن  
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Hotline: 091-9216833  
journalismdepartmentuop@gmail.com

## Counselling for Stress Reduction at Department of Psychology

### Therapeutic and counselling services:

Too much stress can seriously affect one's physical and mental well-being. Recurrent physical and psychological stress can diminish self-esteem, decrease interpersonal and academic effectiveness, and create a cycle of self-blame and self-doubt. Keeping these problems in mind, department of psychology, university of Peshawar established Assessment and counselling Clinic in 2010 to provide counselling, consultation and prevention services that facilitate students' academic and life goals and enhance their personal growth and well-being. Beside stress, anxiety, Depression, Obsessive Compulsive Disorder, Aggression, Behavioural Problems and personal problems are also addressed. Serious problem with pathological conditions are referred to Psychology Clinic, which is another unit established in 2010 and providing therapeutic services. Both of these centers were pioneered by the Department under the Headship of Professor Muhammad Jahanzeb Khan who started with Postgraduate Diploma in Clinical Psychology (PDCP) and offered Postgraduate Diploma in Assessment and Counselling in 2010-11. The Department provides assessment, therapeutic, and counselling services to students, faculty and general public. The Department further expanded these service to journalists under The university – DW run project “Competence and Trauma Centre for Journalists (CTCJ)” in 2015-16. The Department is providing these services under Psychology Clinic, Assessment and Counselling Clinic and Cell for Meta-cognition and Pera-psychology. The Department is also offering Postgraduate Diploma in Counselling (PDC).





