

# ANNUAL **REPORT**

2020-21



**UNIVERSITY OF PESHAWAR**

KHYBER PAKHTUNKHWA, PAKISTAN

# ANNUAL REPORT

**2020-21**

(September 2020-August 2021)



**University of Peshawar  
Khyber Pakhtunkhwa, Pakistan**

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## Chancellor's Message

Over decades, the University of Peshawar has been playing significant role in providing leadership and contributing to socio-economic growth of the province through creation, dissemination and application of knowledge relevant to local and national needs. I am quite confident that University continues to meaningfully contribute to the society and pursue its sublime mission with full zeal and commitment.



The University of Peshawar is the leader of higher education institutions in Khyber Pakhtunkhwa. Being the largest and oldest University of the province, it serves as role model for others in educational and administrative matters. The University needs to leverage its experience, knowledge capital, innovation, creativity and teamwork etc. In realizing its true potential, raising the standards of its professional and academic pursuits and leading others by example.

The Annual Report reflects performance of the University for the given session in relevance to its strategic vision. It provides an opportunity to assess strengths and weaknesses. This serves as basis for enrichment in service delivery and academic excellence.

### **Shah Farman**

Chancellor, University of Peshawar  
Governor Khyber Pakhtunkhwa

## Vice Chancellor's Message

The world is changing at an unprecedented pace and technological developments, especially in the field of information and Communication technology has not only brought people closer together, but has also made the competition more intense. Acquisition of knowledge and its effective utilization have become the key factors for development.



The prevailing situation demands a high standard of performance and places great responsibility on institutions of higher education in pursuit of their goals in moral, economic, and social areas. Similarly students are also required to work in a highly competitive world. Access to positions of excellence is very intensely and jealously contested for.

Progress towards achieving any goals require intelligent planning while effective planning demand reliable statistics. Planning and development system of any organization such as a university assumes crucial importance for its growth. Similarly self-assessment by individuals and groups through learning from shortcomings in the past and proper planning for the future are essential elements of effective development of an organization.

The Annual report for Year 2020–21 of the University of Peshawar is as accurate account as possibly could be made of the performance and achievements made during the Year. The report combines the present status and bases for policy for the future.

**Prof. Dr. Muhammad Idress**  
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 2020-21 is as under:

| Regular Students    | Undergraduate |        | Masters |        | MS/M.Phil /Ph.D |        |
|---------------------|---------------|--------|---------|--------|-----------------|--------|
|                     | Male          | Female | Male    | Female | Male            | Female |
| Indigenous          | 6343          | 2878   | 2048    | 1226   | 1052            | 730    |
| Foreign             | 54            | 11     | 7       | 3      | 5               | 2      |
| Sub Total           | 9286          |        | 3284    |        | 1789            |        |
| Grand Total = 14359 |               |        |         |        |                 |        |

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                 | 4            |
| Faculty of Islamic and Oriental Studies        | 11           |
| Faculty of Life and Environmental Sciences     | 209          |
| Faculty of Management and Information Sciences | 24           |
| Faculty of Numerical and Physical Sciences     | 100          |
| Faculty of Social Sciences                     | 50           |
| <b>Grand Total</b>                             | <b>398</b>   |

## Strategic Elements

### Vision

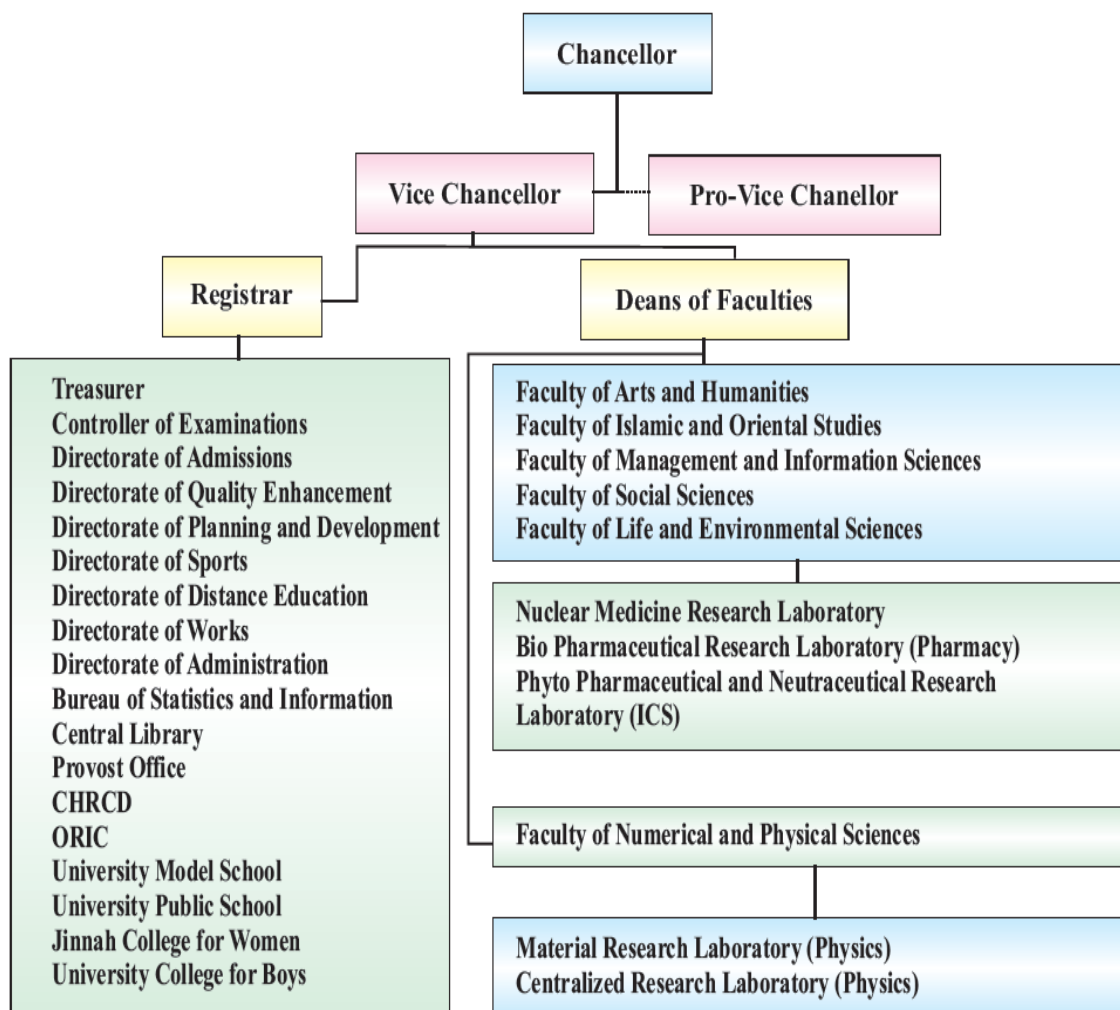
To be a prominent public sector university in the region recognized for its global perspective, diverse and supportive learning environment, with an international reputation in research and creative discovery and emphasis on leadership development.

### 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 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 throughout 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 centre 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 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.



**Administration Block**

# Chapter-1







## Academic Activities

## Academic Activities

### Academic Programmes

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

#### Postgraduate Programmes

|   |                 |
|---|-----------------|
|  <b>Faculty of Arts and Humanities</b>                   |                 |
| ➤ 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 |
|  <b>Faculty of Islamic and Oriental Studies</b>          |                 |
| ➤ 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 |
|  <b>Faculty of Life and Environmental Sciences</b>       |                 |
| ➤ 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 |
|  <b>Faculty of Management and Information Sciences</b> |                 |
| ➤ 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 |
|  <b>Faculty of Numerical and Physical Sciences</b>     |                 |
| ➤ 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 |
|  <b>Faculty of Social Sciences</b>                     |                 |
| ➤ Economics   | M.Phil and Ph.D |
| ➤ Education   | M.Phil and Ph.D |
| ➤ Gender Studies  | M.Phil          |
| ➤ International Relations   | M.Phil and Ph.D |

- Law
- Peace and Conflict Studies
- Political Science
- Psychology
- Sociology
- Social Work

LLM  
M.Phil  
M.Phil and Ph.D  
M.Phil and Ph.D  
M.Phil and Ph.D  
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

- Education
- Economics
- 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)



## Academic Achievements

### Institutional Linkages

#### National MOU's/ LOA's

**1. University of Turbat (Kech), Balochistan and University of Peshawar**

- i. Joint research activities.
  - ii. Exchange of faculty members for research, lectures, discussion.
  - iii. Exchange of students for study and research.
  - iv. Promotion of educational opportunities for students of the both Universities.
  - v. Cooperation in arranging online classes/e-learning for students/training for faculties.
- Duration: Five Years (21.01.2021 to 20.01.2026)

**2. Association of Business Professional & Agricultural Women KP (ABP&AW) Peshawar and University of Peshawar**

- i. To provide opportunities of internship to CHE students
  - ii. To provide opportunities of volunteerism by engaging students in Kitab Dost program, social welfare activities, tree plantation, ration distribution, medical camps etc.
  - iii. To connect CHE students with rural craftswomen to refine their skills, and market their products
  - iv. To connect CHE students/academia with Ujala schools to support the underprivileged children to achieve academic success, psychological health and social and emotional wellbeing.
  - v. To build the capacity of rural women Artisan and children through workshops.
  - vi. To enhance and project the mission and values of the both Organizations through partnership opportunities of mutual interest.
  - vii. To associate the Faculty and Students of CHE in field outreach activities.
- Duration: Three years (09.02.2021 to 08.02.2024)

**3. Human Relief Foundation (HRF), Islamabad and University of Peshawar**

- i. To develop a sense of dignity for labour among the students.
  - ii. To engage graduate students in community-oriented work for the welfare of society.
  - iii. To provide a platform to graduate students to channelize their energies in constructive activities.
  - iv. To develop and inculcate a sense of social responsibility for the welfare of poor segments of society.
  - v. To strengthen the awareness of the students of affiliated Colleges and University of Peshawar regarding designing and implementing social-oriented-projects
- Duration: Three years (28.04.2021 to 27.04.2024)

**4. Zakat, Ushr, Social Welfare, Special Education and Women Empowerment Department Khyber Pakhtunkhwa, Peshawar and Department of Psychology, University of Peshawar**

- i. Provision of support and experts (psychologists) for shelter homes and other institutions as desired by Social Welfare Department.
  - ii. Evidence Based Research.
  - iii. Communication and Outreach.
  - iv. Platform for on-job training for students.
  - v. Introducing GBV case management (course work) for psychology students.
- Duration: Two years (17.06.2021 to 16.06.2023)

**5. Shaoor Foundation for Education and Awareness (SFEA), Islamabad and University of Peshawar**

- i. Foster mutual cooperation and collaboration for the promotion of peace, tolerance, civic education and entrepreneurship.
- ii. Hold joint research, seminars, consultative workshops, conferences and other activities in the areas of the common interest.
- iii. Support each other in access and outreach to different stakeholders, communities and audiences for spreading the common cause.
- iv. Explore the options for sharing expertise and resources to improve the team capacities of both institutions.
- v. Collaborate in efforts for promoting harmony, inclusivity and mutual respect among different segments of society, especially the university youth.
- vi. Jointly design special initiatives for youth/students in areas of peace-building, entrepreneurship, gender equality and civic education.

Duration: Five years (16.07.2021 to 15.07.2026)

**6. Centre for Global & Strategic Studies (CGSS), Islamabad and University of Peshawar**

- i. To promote joint research projects on subjects of common interest and agreed fields.
- ii. Exchange of research including academic and technological research material.
- iii. Both the institutions will jointly organize and encourage to convene on forums, seminars, conferences and roundtables sessions.
- iv. Both the institutions will work and explore opportunities to involve the academia in the multilateral fields.
- v. Both the institutions will work to arrange student exchange programmes at various other countries to bridge the gap globally.
- vi. Both the institutions agree to carry joint research in the areas of mutual interest to formulate and suggest a comprehensive policy regarding the issue for implementation / work able plan.
- vii. Both the institutions will work and formulate the suggested programme for the training of teachers and students.

Duration: Three years (28.07.2021 to 27.07.2024)

**7. Dosti Welfare Organization, Peshawar and University of Peshawar,**

- i. To cooperate for the delivery of quality programs, adhering to the principles of child rights and the DWO child safeguarding policy.
- ii. To Initiate and commence the Black Board Banao Pakistan Parhao campaign through volunteers and to design a strategy to further keep these sites active in order to get maximum output.
- iii. To respond to the correspondence in a timely and appropriate manner, to ensure fluent communication.
- iv. To share communication material with each other including pictures, taken ethically with relevant permissions. They will ensure alignment of messaging and cross-promotion of partners.
- v. To ensure that communication with partners remains open and transparent. Either organization might be the main link with a partner but will include the other organization in emails or communication.
- vi. To ensure that any social media outreach about the programs will involve an acknowledgment of the other partners.

Duration: Three years (11.08.2021 to 10.08.2024)

**8. Foundation for Peace, Lahore and University of Peshawar**

- i. Joint educational, training and research activities.
- ii. Exchange of academic materials and academic publications.
- iii. Exchange of faculty members for research, lectures, and discussions.
- iv. Exchange of students for study and research.
- v. Joint seminars, workshops, conferences, and allied events.
- vi. Any other form of cooperation that may be jointly decided upon by the Parties.

Duration: Five years (11.08.2021 to 10.8.2026)

**9. Agreement between Khyber Pakhtunkhwa Economic Zones Development & Management Company (KPEZDMC), Peshawar and Department of Pharmacy, University of Peshawar**

- i. To find out alternative livelihood opportunities in poppy and Cannabis growing areas through establishment of various industries that may include pharma industry using Poppy and Cannabis as raw material and other alternative industrial / business opportunities.
- ii. To eradicate poverty through industrialization and business promotion.
- iii. To accelerate economic growth of merged areas.
- iv. To conduct a detailed feasibility study for identification of a feasible and viable site for establishment of pharma industry at suitable site(s) in Cannabis cultivated areas i.e. district Khyber, Orakzai and Kurram as prioritized area(s).
- v. To Recommend the Government required plausible incentives and facilities for encouragement to established new industries.

Duration: Three Months (09.08.2021 to 07.11.2021)

**10. Pakistan Post Office, Peshawar and University of Peshawar**

To provide discounted registered mail and UMS services. It will further provide Pick up Facility along with prompt delivery services and other facilities mentioned in the MOU.  
Duration: One year, (05.01.2021 to 04.01.2022)

**International MOU's/ LOA's**

**1. Population Council of Pakistan, Islamabad and Department of Statistics University of Peshawar**

- a. Establish a 'Population Research Centre (PRC) at University of Peshawar; wherein PC with funding from the United Nations Population Fund (UNFPA) will provide technical assistance for the establishment of the PRC, to conduct, promote, build capacity for and strengthen inter-disciplinary population studies research in Pakistan.
- b. The Population Research Centre or PRC will serve as a research body at the University of Peshawar with the following objectives:
  - i. To conduct, promote, and strengthen high quality demographic research, with an interdisciplinary approach by engaging graduate students (M.Phil./Ph.D.) enrolled in different disciplines of social sciences (e.g., Economics, Sociology, Anthropology, Statistics, Geography) and their respective faculty.
  - ii. To provide world class demographic training to students studying at the M.Phil and PhD levels in these disciplines, with broad theoretical knowledge in population studies and specialized skills in demographic and statistical techniques.
  - iii. Promoting inter-university plus international and regional academic cooperation/coordination for demographic research.

Duration: One year (31.12.2020 to 30.12.2021)

**2. Letter of Agreement between Oxfam Great Britain (UK) in Pakistan and Department of Environmental Sciences, University of Peshawar**

- i. Collaboration for "Launching of Oxfam's Climate CC2020 campaign in Pakistan and youth

mobilization for the CLIMATE Project”

- ii. Collaboration is aimed at advocacy and communication through the distribution of information related to Oxfam’s Climate CC2020 campaign mandate and strategic objectives through the University of Peshawar youth network.
- iii. Knowledge management and dissemination, distribution of content that raises awareness on climate change issues through the University of Peshawar youth network.
- iv. Identifying and engaging university youth with a strong influence/following on social media, online and offline engagement and an interest in climate change activism.
- v. Formation of a youth forum of “Climate Changers” who will participate in international fore and platforms and be part of a global movement rooted in solidarity that leaves no one behind.
- vi. Youth-led development and dissemination of multimedia content in order to increase media reach & campaign visibility effectiveness.
- vi. Web-related activities, including providing digital content, write ups, blogs for the campaign website and social media in outreach.
- vii. Integrating digital into all aspects of implementation of the campaign.

Duration: 3 Months (01.01.2021 to 15.03.2021)

**3. Activity Agreement between International Organization for migration (IOM), the UN Migration Agency and Department of Criminology, University of Peshawar**

To develop the next generation of community leaders and helping these youth to understand their roles as potential “agents of change” within Khyber, Kurram, Orakzai and North Waziristan Districts, under the project “Youth Empowerment & Leadership Development (YELD) Forum”.

Duration: 3 months (09.03.2021 to 30-6.2021)

**4. Project Concept Between Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Germany and Department of Psychology, University of Peshawar**

- i. To identify women, young peoples and children in KP exposed to violence and trauma.
- ii. To conduct Psychodiagnostics assessment of the affected.
- iii. To provide psychological interventions to the host communities.
- iv. To conduct follow up assessment.

Duration: 15 Months (09.06.2021 to 30.09. 2022)

**5. Northwest University, China (LOI) and University of Peshawar**

- i. To start collaboration and exchange in the field of science, education and research in archaeology, museology, preservation and restoration of cultural relics through modern technology as well as cultural heritage conservation on the principle of equality and win-win.
- ii. To start collaboration and exchange in the field of science, education and research in archaeology including GIS, programming, engineering and management of cultural heritage, field survey, exploration and excavation, education and research in museology, etc. This article also includes scientific researches (inclusive digitalization) in various fields of archaeology, cultural heritage and the related literature.

Duration: 3 Years (08.09.2021 to 07.09.2024)

**6. Project Agreement between Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Germany and Development Action Cell, Department of Economics, University of Peshawar, Khyber Pakhtunkhwa Urban Immovable Property Tax Proposal Development Activity (KP-UIPT PDA).**

Duration: 11 months (01.08.2021 to 30.06.2022)

**7. The United Nations Development Programme, Islamabad and Institute of Management Studies, University of Peshawar, “Implementation of Activities under the FATA Transition and Recovery Programme” and “Implementation of Activities under the Stabilization and Development Programme”.**



**8. Centre for Western Ecological Safety, Lanzhou University (LZU), China and University of Peshawar**

Duration: Five years (12.01.2021 to 11.01.2026)



## ANNUAL REPORT 2020-21

# Chapter-2

## Research and Development



## Research Publications 2020-21

| S.No.     | Name of Departments                                   | Publication |
|-----------|---|-------------|
| <b>A.</b> | <b>Faculty of Arts and Humanities</b>                 |             |
| 1         | Department of Archaeology                             | 1           |
| 2         | Department of History                                 | -           |
| 3         | Department of English and Applied Linguistics         | 1           |
| 4         | Department of Philosophy                              | 2           |
| 5         | Department of Art and Design                          | -           |
|           | <b>Sub-Total</b>                                      | <b>4</b>    |
| <b>B.</b> | <b>Faculty of Islamic and Oriental Studies</b>        |             |
| 1         | Department of Islamiyat                               | 1           |
| 2         | Department of Seerat Studies                          | -           |
| 3         | Department of Arabic                                  | 2           |
| 4         | Department of Pashto                                  | 1           |
| 5         | Department of Persian                                 | -           |
| 6         | Department of Urdu                                    | 1           |
| 7         | Pashto Academy  | 6           |
|           | <b>Sub-Total</b>                                      | <b>11</b>   |
| <b>C.</b> | <b>Faculty of Life and Environmental Sciences</b>     |             |
| 1         | Centre of Biotechnology and Microbiology              | 5           |
| 2         | Department of Botany                                  | 4           |
| 3         | Institute of Chemical Sciences                        | 90          |
| 4         | Department of Environmental Sciences                  | 33          |
| 5         | Department of Geography                               | 26          |
| 6         | Department of Urban & Regional Planning               | 2           |
| 7         | Department of Zoology                                 | 5           |
| 8         | Department of Geology                                 | 20          |
| 9         | Department of Pharmacy                                | 13          |
| 10        | Centre for Disaster Preparedness and Management       | 2           |
| 11        | Centre of Plant Biodiversity                          | 9           |
|           | <b>Sub-Total</b>                                      | <b>209</b>  |
| <b>D.</b> | <b>Faculty of Management and Information Sciences</b> |             |
| 1         | Department of Journalism and Mass Communication       | 9           |
| 2         | Quaid-e-Azam College of Commerce                      | 7           |
| 3         | Department of Library and Information Sciences        | 2           |
| 4         | College of Home Economics                             | -           |
| 5         | Institute of Management Studies                       | 6           |
|           | <b>Sub-Total</b>                                      | <b>24</b>   |
| <b>E.</b> | <b>Faculty of Numerical and Physical Sciences</b>     |             |
| 1         | Department of Computer Science                        | 35          |
| 2         | Department of Physics                                 | 45          |
| 3         | Department of Electronics                             | 1           |
| 4         | Department of Mathematics                             | 18          |
| 5         | Department of Statistics                              | 1           |
|           | <b>Sub-Total</b>                                      | <b>100</b>  |

| <b>F.</b>          | <b>Faculty of Social Sciences</b>       |            |
|--------------------|---|------------|
| 1                  | Department of Economics                 | 14         |
| 2                  | Institute of Education and Research     | 19         |
| 3                  | Department of International Relations   | -          |
| 4                  | Department of Political Science         | 2          |
| 5                  | Law College                             | 1          |
| 6                  | Department of Psychology                | 6          |
| 7                  | Institute of Peace and Conflict Studies | 4          |
| 8                  | Department of Sociology                 | -          |
| 9                  | Department of Social Work               | 4          |
| 10                 | Department of Gender Studies            | -          |
| 11                 | Department of Regional Studies          | -          |
| 12                 | Department of Criminology               | -          |
| 13                 | Department of Social Anthropology       | -          |
|                    | <b>Sub-Total</b>                        | <b>50</b>  |
| <b>Grand Total</b> |   | <b>398</b> |

## **Faculty of Arts and Humanities**

### **Department of Archaeology**

1. Prof. Dr. Gul Rahim Khan, 31-12-2020, Preliminary Report of Archaeological Excavations at Hayatabad, Peshawar: Field Season 2018, Gul Rahim Khan, Ibrahim Shah and Abdul Samad, Ancient Pakistan, XXXI, 45-188, 0066-1600, Peshawar, Archaeological Excavation Report,

### **English and Applied Linguistics**

1. Nasir Jamal Khattak, 29-12-2020, Taming of the Monster: Marlow's shadow in Heart of Darkness, The Dialogue, XV, 57-63, 1819-6470, Peshawar, y, 3

### **Department of Philosophy**

1. Sher Zada, 15-09-2020, Wittgenstein: From Realism to Conventionalism, Sher Zada, Shuja Ahmad, The Dialogue An International Quarterly Research Journal, 15, 75-84, 1819-6462, Peshawar, Y Category,
2. Dr. Shuja Ahmad, 15-09-2020, Wittgenstein: From Realism to Conventionalism, Sher Zada, Shuja Ahmad, The Dialogue An International Quarterly Research Journal, 15, 75-84, 1819-6462, Peshawar, Y Category,

**Department of Islamiyat**

1. Dr. Muhammad Iltimas Khan, 31-12-2020, Joseph Shakht's communal theory by the narrator and Mu'ta Imam Malik (A research Study), Dr. Fayaz Ali and Dr. Mufti Muhammad Iltimas Khan and Dr Naveed Iqbal, Peshawar Islamicus, Vol:11, Issue: 02, 45-55, (PRINT): 2305-154X, ISSN(ONLINE):2521-8409, Department of Islamiyat, University of Peshawar, bi-annual trilingual,

**Department of Arabic**

1. Dr. Yaqoob Khan, 19-11-2020, The Quaid Azam Muhammad Ali Jinnah in Arabic Literature, , Al-Idah, 38, 16, 2520-5021, SZIC, Peshawar University, X, 0
2. Dr. Mussarat Jamal, 24-09-2020, The Characteristic of Islamic Literature & Muslim Literati, Peshawar Islamicus, Peshawar University, 11, 13, 2521-8409, Peshawar University, X, 0

**Department of Pashto**

1. Dr. Shakeel Ahmad, 30-06-2021, د عبدالحميد بابا په كلام كېنې موهومي تصوراتي توکي, Dr. Shakeel Ahmad, Pakhto, 50, 211-222, 0555-8158, Pashto Academy, Y, 1.00

**Department of Urdu**

1. Dr. Rubina Shaheen, 1/3/2021, غالب کی شاعری میں حسن و جمال کا تذکرہ, Dr. Rubina Shaheen , 02 قومی زبان , کراچی , Y ,0

**Department of Pashto Academy**

1. Dr. Noor Muhammad Danish, 1/1/2021, Da Rajwali Shah Khattak pa Shaa'iri k da Mahawray Palana, Dr.Noor Muhammad, International Journal of Pukhtunkhwa, Volume 6, 141-150, 2789-1054, Abdul wali khan University Mardan, Y
2. Dr. Noor Muhammad Danish, 10/1/2021, Khushal Khan Khattak k kalam ma Islami Fiker, Dr.Noor Muhammad, Tahdhib al Afkar, 8, 75-85, 2411-6211, Abdul wali khan University Mardan, Y
3. Dr. Noor Muhammad Danish, 1/7/2021, Pakhto Tappa k Zinay qami ao jangiyali kirdarona “, Dr.Noor Muhammad, International Journal of Pukhtunkhwa, Volume 6, 128-151, 2789-1054, Abdul wali khan University Mardan, Y
4. Dr. Noor Muhammad Danish, 1/1/2021, Da Raahman Baba pa kalam k da Elm e Bayan, Dr.Noor Muhammad, PASHTO, 50, 100-119, 0555-8158, Pashto Academy University of Peshawar, Y
5. Dr. Noor Muhammad Danish, 1/1/2021, Depiction of Hazrat Adam (A.S) in the Poetry of Rehman Bab, Dr.Noor Muhammad, Acta Islamica. 5, 33-39, 2520-5021, Khawateen ma Akhalaki ba raravi k maashe asbab, Y
6. Dr. Noor Muhammad Danish, 1/1/2021, Khawateen ma Akhalaki ba raravi k maashe asbab, Dr.Noor Muhammad, Acta Islamica, 9, 120-138, 2411-7315, Shaheed Benazir Bhutto University Sheringal, Y

**Centre of Biotechnology and Microbiology**

1. Ibrar Khan, 1/1/2021, Antimicrobial efficacy and prevalence of colicinogenic *E. coli* in faecal matter of human, cow and sheep, Hira M, Jehan B, Ibrar K, Bashir A, International Journal of Antimicrobial Agents, 57, 106221, 0924-8579, USA, Research Article, 4.62
2. Ibrar Khan, 4/1/2021, Phenotypic and molecular characterization of virulence factors of extra-intestinal pathogenic *Escherichia coli* isolated from patients of Peshawar, Pakistan, Zermine Z, Sadiq A, Noor R, Ibrar K, Sumera A, Gul-e-Sehra, Anhar Ullah, Muhammad A, Pakistan Journal of Pharmaceutical Sciences, 34, 085-094, 1011-601X, Pakistan, Research Article, 0.6
3. Ibrar Khan, 11/1/2021, Green synthesis, characterization and biological evaluation of zinc nanoparticles from flower extract of *brassica oleracea italica*, Ibrar K, Mamoon J, Rameen N, Akhtar N, Sadiq A, Inam U, Farhan A, Pakistan Journal of Botany, 53, 281-286, 2070-3368, Pakistan, Research Article, 0.8
4. Ibrar Khan, 7/6/2021, Identification and characterization of low density polyethylene-degrading bacteria isolated from soils of waste disposal sites, Lalina M, Ibrar K, Han SY, Suji K, Hong-Tae P, Bashir A, Sadiq A, Environmental Engineering Research, 26, 200167, 2005-968X, Pakistan, Research Article, 1.44
5. Sadiq Azam, 1/11/2020, Designing of potent inhibitors for metallo-beta-lactamases producing *E. coli* in molecular specification hereto, Noor R, Sadiq A, Amjad A, Ibrar K, Muhammad A, Muhammad W, Farman U, Zermine Z, Gul -e-Sehra, Pakistan Journal of Pharmaceutical Sciences, 33, 2739-2750, 1011-601X, Pakistan, Research Article, 0.6

**Department of Botany**

1. Dr. Lal Badshah, 12/9/2020, Traditional wild vegetables gathered by four religious groups in Kurram District, Khyber Pakhtunkhwa, NorthWest Pakistan., Abbas, W., W. Hussain, W. Hussain, L. Badshah, K. Hussain and A. Pieroni., Genet. Resour. Crop. Evol., 2, 69-76, .
2. Dr. Lal Badshah, 12/8/2020, An ecological assessment of *Justicia adhatoda* L. in Malakand Division, Hindukush range of Pakistan., Ullah, S., N. Khan, F. Ali, L. Badshah, A. Ali and N. Muhammad., Bioscience Research, 17, 1082-1094, 2218-3973
3. Dr. Lal Badshah, 12/8/2020, Floristic structure and other ecological attributes of flora of Dardyal Valley, district Swat, Hindukush Range, Pakistan, Ullah, H., F. Hussain, S. Ullah, A. Ali and L. Badshah, Bioscience Research, 17, 1103-1111, 2218-3973
4. Dr. Lal Badshah, 12/8/2020, Floristic inventory and ethnomedicinal survey of important plants of Kalash Valley Chitral, Hindukush range, Khyber Pakhtunkhwa, Pakistan., Fazal, Z., K. Sher, L. Badshah, A. Hazrat, H. Ullah, I. Ahmad, S. Ullah and S. Bibi., Bioscience Research, 17, 1233-1246, 2218-3973

**Institute of Chemical Sciences**

1. Muhammad Yaseen, 19-08-2020, Synthesis, characterization and applications of metallic nanoparticles/rGO blended poly methyl methacrylate membranes for the efficient removal of Cd<sup>2+</sup> from model and real wastewater, Muhammad Yaseen, New Journal of Chemistry, 44, 15593-15608, 1144-0546, Pakistan, Research Article, 3.29

2. Muhammad Yaseen, 30-08-2020, Mechanisms of enhanced hexavalent chromium removal from groundwater by sodium carboxymethyl cellulose stabilized zerovalent iron nanoparticles, Muhammad Yaseen, Journal of Environmental Management, 276, 8-Jan, 0301-4797, China, Research Article, 5.65
3. Muhammad Yaseen, 27-12-2020, Residual organics removal from manganese electrochemical solution using combined Fenton oxidation process with adsorption over activated carbon, Muhammad Yaseen, Environmental Science and Pollution Research, 35, 44240-44248, 1614-7499, China, Research Article, 3.06
4. Muhammad Yaseen, 11/9/2020, Evaluation of arsenic contamination and potential risks assessment through water, soil and rice consumption, Muhammad Yaseen, Environmental Technology & Innovation, 20, 12-Jan, 2352-1864, Pakistan, Research Article, 3.36
5. Dr. Gul Rahman, 28-08-2020, Direct Growth of Dual-Faceted BiVO<sub>4</sub> Microcrystals on FTO-coated Glass for Photoelectrochemical Water Oxidation, Gul Rahman, Optik, 224, 165516, 0030-4026, Pakistan, Research Article, 2.18
6. Dr. Gul Rahman, 24-08-2020, In-situ formation of an efficient trimetallic (Cu-Zn-Ag) electrocatalyst for water oxidation, Gul Rahman, International Journal of Energy Research, 44, 14-Jan, 1099-114X, Pakistan, Research Article, 3.74
7. Dr. Gul Rahman, 13-08-2020, Recent trends in development of hematite ( $\alpha$ -Fe<sub>2</sub>O<sub>3</sub>) as an efficient photoanode for enhancement of photoelectrochemical hydrogen production by solar water splitting, Gul Rahman, International Journal of Hydrogen Energy, in press, in press, 0360-3199, Pakistan, Research Article, 3.93
8. Dr. Salman Zafar, 1/9/2020, Synthesis, Characterization, and Antimicrobial Properties of Sparfloxacin-Mediated Noble Metal Nanoparticles, Salman Zafar, Journal of Pure and Applied Microbiology, 14, 1789-1800, 2581-690X, Pakistan, Research Article,
9. Dr. Salman Zafar, 7/11/2020, A review of the phytochemistry and pharmacology of Kadsura heteroclita, an important plant in Tujia ethnomedicine, Salman Zafar, Journal of Ethnopharmacology, 268, 113567, 0378-8741, Pakistan, Review article, 3.69
10. Dr. Salman Zafar, 7/12/2020, Muricazine, a new hydrazine derivative from Ranunculus muricatus L. with antioxidant, lipxygenase and urease inhibitory activities, Salman Zafar, Natural Product Research, in press, 6-Jan, 1478-6427, Pakistan, Research Article, 2.16
11. Dr. Sajjad Ullah, 2/11/2020, Flexible bacterial cellulose-based BC-SiO<sub>2</sub>-TiO<sub>2</sub>-Ag membranes with self-cleaning, photocatalytic, antibacterial and UV-shielding properties as a potential multifunctional material for combating infections and environmental applications, Sajjad Ullah, Journal of Environmental Chemical Engineering, 9, 104708, 1, Pakistan, Research article, 5.91
12. Dr. Sajjad Ullah, 18-08-2020, Bacterial nanocellulose/MoS<sub>2</sub> hybrid aerogels as bifunctional adsorbent/photocatalyst membranes for in-flow water decontamination, Sajjad Ullah, ACS Appl. Mater. Interfaces, 12 (37), 12(37), 41627-41643, 1944-8252, Brazil, Research article, 9.23
13. Dr. Sajjad Ullah, 5/9/2020, Enhanced photoactivity of BiVO<sub>4</sub>/Ag/Ag<sub>2</sub>O Z-scheme photocatalyst for efficient environmental remediation under natural sunlight and low-cost LED illumination, Sajjad Ullah, Colloids and Surfaces A: Physicochemical and Engineering Aspects, 600, 124946 [1], 600, 124946, 0927-7757, Pakistan, Research article, 4.54
14. Anwar ul Haq Ali Shah, 27-09-2020, An Amazingly Simple, Fast and Green Synthesis Route to Polyaniline Nanofibers for Efficient Energy Storage, Sami ur Rahman, Philipp R  se, Anwar ul Haq Ali Shah, Ulrike Krewer, Salma Bilal, Polymers, 12 (2212), 19, 2073-4360, Switzerland, research article, 3.43

15. Anwar ul Haq Ali Shah, 16-11-2020, 3D Polyaniline Nanoïbers Anchored on Carbon Paper for High-Performance and Light-Weight Supercapacitors, Sami ur Rahman, Philipp R.Mit Surati, Anwar ul Haq Ali Shah, Ulrike Krewer, Salma Bilal, polymers, 12 (2705), 17, 2073-4360, Switzerland, research article, 3.43
16. Anwar ul Haq Ali Shah, 30-11-2020, Synthesis and Characterization of Polyaniline-Chitosan Patches with Enhanced Stability in Physiological Conditions, Sami ur Rahman, Salma Bilal, Anwar ul Haq Ali Shah, Polymers, 12 (2870), 13, 2073-4360, Switzerland, research article, 3.43
17. Dr. Waqas Ahmad, 12/12/2020, Recent Advancements of N-Doped Graphene for Rechargeable Batteries: A Review, Rabia Ikram, Badrul Mohamed Jan, Syed Atif Pervez, Vassilis M Papadakis, Waqas Ahmad, Rani Bushra, George Kenanakis, Masud Rana, Crystals, 10, 1080, 2073-4352, Switzerland, Review, 2.4
18. Dr. Waqas Ahmad, 15-12-2020, Photocatalytic oxidative degradation of hydrocarbon pollutants in refinery wastewater using TiO<sub>2</sub> as catalyst, Waqas Ahmad, Water Environment Research, 92, 2086-2094, 1061-4303,1554-7531, United States, Research Article, 1.15
19. Dr. Waqas Ahmad, 23-11-2020, Advances in synthesis of graphene derivatives using industrial wastes precursors; prospects and challenges, Waqas Ahmad, Journal of Materials Research and Technology, 9, 15924-15951, 2238-7854, Elsevier, Review Article, 5.28
20. Dr. Waqas Ahmad, 2/10/2020, Desulfurization and de-ashing of low-rank coal by catalytic oxidation using Sn as catalyst loaded in different forms, Waqas Ahmad, Ishraq Ahmad, Imtiaz Ahmad, Muhammad Yaseen, Nisar Muhammad, Muhammad Salman, International Journal of Coal Preparation and Utilization, -, 17-Jan, 1939-2702, UNITED STATES, Research Article, 2.03
21. Dr. Waqas Ahmad, 1/9/2020, An overview of industrial scalable production of graphene oxide and analytical approaches for synthesis and characterization, Rabia Ikram, Badrul Mohamed Jan, Waqas Ahmad, Journal of Materials Research and Technology, 9, 11587-11610, 2238-7854, UNITED STATES, Research Article, 5.28
22. Dr. Waqas Ahmad, 5/10/2020, Phytostabilization of the heavy metals in the soil with biochar applications, the impact on chlorophyll, carotene, soil fertility and tomato crop yield, Waqas Ahmad, Journal of Cleaner Production, 255, 120318, 0959-6526, UNITED STATES, Research Article, 7.24
23. Dr. Behisht Ara, 26-08-2020, Adsorptive removal of acrylic acid from the aqueous environment using raw and chemically modified alumina: Batch adsorption, kinetic, equilibrium and thermodynamic studies, Hamayun Khan, Irum, Kashif Gul, Behisht Ara, Adnan Khan, Nauman Ali, Nisar Ali, Muhammad Bilal, Journal of Environmental Chemical Engineering, 8, 103927, 2213-3437, United Kingdom, Research paper, 4.3
24. Dr. Behisht Ara, 26-10-2020, Removal of toxic malachite green dye from aqueous environment using reduced magnetic graphene oxide as an efficient and reusable adsorbent, Kashif Gul, Humayun Khan, Niaz Muhammad, Behisht Ara and Tanveer ul Haq Zia, Separation Science and Technology, -, -, 15205754, 01496395, United States, Research article, 1.72
25. Ms. Saima Sohni, 1/12/2020, Enhancing the enzymatic digestibility of oil palm biomass using supercritical carbon dioxide-based pretreatment towards biorefinery application, Saima Sohni, Industrial Crops and Products, 157, 112923-112932, 0000, Malaysia, Research article, 4.24
26. Anwar ul Haq Ali Shah, 20-10-2020, Application of Modified PANI-ZnO Composites for NH<sub>3</sub>Gas Sensor at Ambient Temperature, Naimat Ullah, Anwar ul Haq Ali Shah, Journal of the Chemical Society of Pakistan, 42, 390-398, 0253-5106, Pakistan, research article, 0.3



27. Anwar ul Haq Ali Shah, 26-11-2020, Synthesis and Characterization of CuMnOx-Bentonite as Efficient Catalyst for Oxidation of m-xylene, Mo Thi Nguyen, Anwar ul Haq Ali Shah, Journal of the Chemical Society of Pakistan, 42, 504-514, 0253-5106, Pakistan, research article, 0.3
28. Dr. Fatima Sayed, 4/6/2021, , Isolation ,Antioxidant ,Antifungal Activities of Two Newly Reported Compounds from Berginea ciliata, Dr.Fatima, Asian Journal of Chemistry, 28(9), 1917-1920,, -, peshawar, Research article,
29. Dr. Sajjad Ullah, 30-01-2021, Thermally stable SiO<sub>2</sub>@TiO<sub>2</sub> core@shell nanoparticles for application in photocatalytic self-cleaning ceramic tiles, Sajjad Ullah, Materials Advances, 2, 2085-2096, 1, Pakistan, Article, 0
30. Dr. Sajjad Ullah, 26-04-2021, Prussian blue as a co-catalyst for enhanced Cr (VI) photocatalytic reduction promoted by titania-based nanoparticles and aerogels, Sajjad Ullah, New Journal of Chemistry, 45, 10217-10231, 23, Pakistan, Article, 3.59
31. Dr. Sajjad Ullah, 30-11-2021, Enhanced photocatalytic activity of BiVO<sub>4</sub>/Pt/PtOx photocatalyst: The role of Pt oxidation state, Sajjad Ullah, Applied Surface Science, 567, 150773, 2021, Pakistan, Article, 6.71
32. Dr. Adnan Khan, 10/2/2022, Environmental impacts of hazardous waste, and management strategies to reconcile circular economy and eco-sustainability, Zhen Zhang, Muhammad Zeeshan Malik, Adnan Khan, Nisar Ali, Sumeet, Malik, Muhammad Bilal, Science of The Total Environment, 807, 150856, 0048-9697, Netherlands, Review, 7.96
33. Dr. Adnan Khan, 6/10/2021, Hazardous wastes, adverse impacts, and management strategies: a way forward to environmental sustainability, Guoqing Qian, Chuansong Duanmu, Nisar Ali, Adnan Khan, Sumeet Malik, Yong Yang, Muhammad Bilal, Environment, Development and Sustainability, 24, 01867, 1573-2975, Netherlands, Review, 3.22
34. Dr. Waqas Ahmad, 1/6/2021, Potentially poisonous elements removal from vehicle-wash wastewater and aqueous solutions using composite adsorbents, Muhammad Ilyas,\*, Waqas Ahmad , Hizbullah Khan , Saeeda Yousaf, Desalination and Water Treatment, 224, 331â€“342, 1944-3986, USA, Paper, 1.25
35. Dr. Imtiaz Ahmad, 22-02-2021, Highly Sensitive Humidity Sensors Based on Polyethylene Oxide/CuO/Multi Walled Carbon Nanotubes Composite Nanofibers, Waqas Ahmad, Bushra Jabbar, Badrul Muhammaed Jan, Rabia Ikram, Minas M. Stylianakis, J Kenanakis., Materials, 14, 1037, 1996-1944, Sweden, Paper, 3.6
36. Dr. Imtiaz Ahmad, 14-01-2021, Oxidative Desulfurization of Petroleum Distillate Fractions Using Manganese Dioxide Supported on Magnetic Reduced Graphene Oxide as Catalyst, Waqas Ahmad, Atiq Ur Rahman, Badrul Muhammed Jan, Rabia Ikram, Minas M. Stylianakis, J Kenanakis., Nanomaterials, 11, 203, 2079-4991, Sweden, Paper, 5.07
37. Dr. Waqas Ahmad, 23-11-2020, Advances in synthesis of graphene derivatives using industrial wastes precursors; prospects and challenges, Rabia Ikram, Badrul Mohamed Jan, Waqas Ahmad, Journal of Materials Research and Technology, 9, 15924-15951, 2238-7854, Brazil, Review, 5.04
38. Dr. Waqas Ahmad, 2/12/2020, Photocatalytic oxidative degradation of hydrocarbon pollutants in refinery wastewater using TiO<sub>2</sub> as catalyst, Ihtisham Ul Haq, Waqas Ahmad, Imtiaz Ahmad, Muhammad Yaseen, Water Environment Research, 92, 2086-2094, 1554-7531, Canada, Paper, 1.94
39. Dr. Waqas Ahmad, 2/10/2020, Desulfurization and de-ashing of low-rank coal by catalytic oxidation using Sn as catalyst loaded in different forms, Waqas Ahmad, Ishraq Ahmad, Imtiaz Ahmad, Muhammad Yaseen, Nisar Muhammad, Muhammad Salman, International Journal of Coal Preparation and Utilization, 0, 17-Jan, 1939-2702, UK, Paper, 2.69

40. Anwar ul Haq Ali Shah, 23-09-2021, Label-free photoelectrochemical immunosensor based on sensitive photocatalytic surface of Sn doped ZnO for detection of hepatitis C (HCV) anticore mAbs 19D9D6 • Colloid and Surfaces A: physicochemical and Engineering Aspects, Anwar ul Haq Ali Shah, Colloid and Surfaces A: Physicochemical and Engineering Aspects, 630, 127586, 0927-7757, Netherland, Research article, 4.54
41. Anwar ul Haq Ali Shah, 29-06-2021, Understanding the adsorption of 1 NLB antibody on polyaniline nanotubes as a function of zeta potential and surface charge density for detection of hepatitis C core antigen: A label-free impedimetric immunosensor • Colloid and Surfaces A: physicochemical and Engineering Aspects, Anwar ul Haq Ali Shah, Colloid and Surfaces A: Physicochemical and Engineering Aspects, 626, 17-Jan, 0927-7757, Netherland, Research article, 4.54
42. Anwar ul Haq Ali Shah, 28-07-2021, Corrigendum to "Surface tension, surface excess concentration, enthalpy and entropy of surface formation of aqueous salt solutions" <sup>TM</sup> [Colloid Surf. A: Physicochem. Eng. Asp. 417 (2013) 183-190], Anwar ul Haq Ali Shah, Colloid and surfaces A: Physicochemical and Engineering Aspects, 626 (127055), 2-Jan, 0927-7757, Netherland, Research article, 4.54
43. Anwar ul Haq Ali Shah, 15-11-2020, In situ transport and electrodeposition of Ag(I) on stainless steel electrode across carrier mediated supported liquid membrane, Anwar ul Haq Ali Shah, Desalination and Water Treatment, 205, 189-197, 1944-3986, UK, Research article, 1.25
44. Anwar ul Haq Ali Shah, 29-07-2021, Anticorrosive polyaniline synthesized using coconut oil as the dispersion medium, Anwar ul Haq Ali Shah, Material chemistry and physics, 273 (125071), 10-Jan, 0254-0584, Elsevier (Taiwan), Research article, 4.09
45. Anwar ul Haq Ali Shah, 28-08-2020, Investigation of the structural, optical, and photoelectrochemical properties of  $\pm$ -Fe<sub>2</sub>O<sub>3</sub> nanorods synthesized via a facile chemical bath deposition, Anwar ul Haq Ali Shah, Optik - International Journal for Light and Electron Optics, 224 (165516), 9-Jan, 0030-4026, Elsevier, Research article, 2.44
46. Dr. Gul Rahman, 8/1/2021, Tuning the Optoelectronic Properties of Hematite with Rhodium Doping for Photoelectrochemical Water Splitting Using Density Functional Theory Approach, Gul Rahman, Scientific Reports, 11, 41-52, 2045-2322, Pakistan, Research Article, 4.3
47. Dr. Gul Rahman, 22-02-2021, Light-driven reduction of carbon dioxide: Altering the reaction pathways and designing photocatalysts toward value-added and renewable fuels, Gul Rahman, Chemical Engineering Science, 237, 116547-64, 0009-2509, Pakistan, Research Article, 4.3
48. Dr. Gul Rahman, 25-03-2021, Template-free Hydrothermal Growth of Nickel Sulfide Nanorods as High Performance Electroactive Material for Oxygen Evolution Reaction and Supercapacitors, Gul Rahman, Energy & Fuels, 35, 6868-6879, 0887-0624, Pakistan, Research Article, 3.6
49. Dr. Gul Rahman, 30-07-2021, Solar-driven conversion of carbon dioxide over nanostructured metal-based catalysts in alternative approaches: Fundamental mechanisms and recent progress, Gul Rahman, Environmental Research, 202, 111781, 0013-9351, Pakistan, Research Article, 6.4
50. Anwar ul Haq Ali Shah, 27-09-2020, An Amazingly Simple, Fast and Green Synthesis Route to Polyaniline Nanofibers for Efficient Energy Storage, Anwar ul Haq Ali Shah, polymers, 12(2212), 19-Jan, 2073-4360, Switzerland, Research article, 4.33
51. Anwar ul Haq Ali Shah, 16-11-2020, 3D Polyaniline Nanofibers Anchored on Carbon Paper for High-Performance and Light-Weight Supercapacitors, Anwar ul Haq Ali Shah, Polymers, 12 (2705), 17-Jan, 2073-4360, Switzerland, Research article, 4.33

52. Anwar ul Haq Ali Shah, 30-11-2020, Synthesis and Characterization of Polyaniline-Chitosan Patches with Enhanced Stability in Physiological Conditions, Anwar ul Haq Ali Shah, *Polymers*, 12 (2870), 13-Jan, 2073-4360, Switzerland, Research article, 4.33
53. Anwar ul Haq Ali Shah, 27-08-2021, Physical, Chemical, and Electrochemical Properties of Redox-Responsive Polybenzopyrrole as Electrode Material for Faradaic Energy Storage, Anwar ul Haq Ali Shah, *polymers*, 13 (2883), 20-Jan, 2073-4360, Switzerland, Research article, 4.33
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### **Faculty of Social Sciences**

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## **Department of Political Science**

1. Prof.Dr.Zahid Anwar, 1/9/2020, Temporarily Displaced Persons (TDP) form North Waziristan Agency (NWA) in Bannu: Problems and Prospects, Prof. Dr. Zahid Anwar, Review of Human Rights, 14, 30-35, 2520-7024, Pakistan, X
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## **Law College**

1. Mr. Mohammad Nadeem, 28-06-2020, jurisprudential insight on principals of documentary letters of credit in global trad, M. Nadeem, Journal of law and society, LI, 16, 1027-4618, peshawar, journal.

## **Department of Psychology**

1. Dr, Ruqaia Gul, 4/1/2021, Management of Self-concept, Gul, R., Irshad, E., & Amjad, R., Disruptive behaviour and Aggression through Art and Behaviour therapy among Internally Displaced Children, 33, 105-108, 1025-9589, Abbottabad (Pakistan, Y category, 3
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5. Dr. Uzma Gillani, 7/9/2020, Relationship between character traits and criminal behaviour, Gillani, U & Khan, M.J., International Review of Social Sciences, 9, 152-156, 2309-0081, Academy of IRMBR, Pshawar, Y, 10
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## **Institute of Education and Research**

1. Dr. Amjad Reba, 16-08-2020, Effects of transition technique on motivation of the students at secondary level, 14. Adnan Shahzad & Amjad Reba, International Journal of Advanced and Applied Sciences, 7, 2313-2323, 2313-3724, Japan, Article
2. Dr. Amjad Reba, 16-10-2020, Influence of Emotional Intelligence on Conflict Management Behaviour of BS Home Economics Students in KP Province, Pakistan, 10. Hina & Amjad Reba, Journal of the Social Sciences, 3, 210-220, 0253-1097, US, Article
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4. Dr. Amjad Reba, 20-05-2021, A comparative study of Academic self-efficacy level of secondary school students in Rural and Urban Areas of District Peshawar, Pakistan, Siraj Khan & Amjad Reba, International Journal of Innovation, Creativity and Change, 15, 754-761, 2201-1323, US, Article
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### **Department of Social Work**

1. Dr Muhammad Ibrar, 11/3/2021, "Gender Mainstreaming in Education: An Overview of Educational Policies of Pakistan", Ms. Sonia Omar, Sadia Jabeen & Dr Muhammad Ibrar, International Review of Social Sciences, 09, 208-215, 2309-0081, Pakistan, Research Paper
2. Dr Muhammad Ibrar, 13-12-2020, "Forests Under Siege: Indigenous Causes of Deforestation in Dir Valley, Pakistan", Furad Ali, Dr. Muhammad Ibrar & Syed Asif Ali Shah, Progressive Research Journal of Arts and Humanities (PRJAH), 02, 15-27, 2707-7314, Sind, Research Paper
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4. Dr Muhammad Ibrar, 7/7/2021, Significance of social support to the self-esteem of the elderly in Pakistan, Naqeeb Hussain Shah, Samiullah Paracha, Mohammad Shakil Ahmad, Mohammad Ibrar & Zoha Janjua, Social Work in Mental Health, 19, 422-439, 1533-2993, UK, Research Paper

### **Institute of Peace and Conflict Studies**

1. Dr. Abida Bano, 24-12-2020, Women and Sufism in South Asia: A Survey of Historical Trends, Saad Ali Khan & Abida Bano, Liberal Arts and Social Sciences International Journal - LASSIJ, 4 (2), 202-214, 2664-8148 (Online), Pakistan, National
2. Dr. Abida Bano, 27-12-2020, Reinventing the Identity and Interests: Pakistan and the Middle East (1971-1979), Farruk Faheem, Abida Bano, & Wang Xingang, Liberal Arts and Social Sciences International Journal - LASSIJ, 4 (2), 242-255, 2664-8148 (Online), Pakistan, National
3. Dr. Abida Bano, 20-11-2020, Rehabilitation of Children with Intellectual Disability: Challenges in Social Skills Training in Khyber Pakhtunkhwa, Pakistan, Shakeel Ahmad & Abida Bano\*, Liberal Arts and Social Sciences International Journal - LASSIJ, 4 (1), 171-188, 2664-8148 (Online), Pakistan, National
4. Dr. Abida Bano, 25-06-2021, Women's Rights and Democratic Transitions: A Comparative Study of Pakistan, Chile, and South Africa, Abida Bano, Review of Human Rights, 7 (1), 26-Jan, 2520-7032, Pakistan, Journal Article



## Seminars / Workshops/ Trainings

1. Dr. Shakeel Ahmad, Assistant Professor, Social Work, Contemporary Social Work Education & Practices: Challenges & Prospects, 2<sup>nd</sup> and 3<sup>rd</sup> February 2021, Department of Social Work, University of the Punjab, Lahore.
2. Habib-ur-Rahman, Deputy Librarian, Central Library, Innovation in Library Management, 18<sup>th</sup> to 22<sup>nd</sup> January, 2021, NCRD, Islamabad,
3. Saifullah Khan, Additional Registrar, Establishment, Time Management, 2<sup>nd</sup> to 4<sup>th</sup> February, 2021, PPMI, Islamabad
4. Saifullah Khan, Additional Registrar, Establishment, Human Resource Management in Public Sector, 16<sup>th</sup> to 19<sup>th</sup> March, 2021, PPMI, Islamabad
5. Dr. Zakiullah, Director, CHRCO, Women Empowerment through Entrepreneurship , 15<sup>th</sup> to 18<sup>th</sup> March, 2021, Pakistan Academy for Rural Academy, Peshawar
6. Dr. Zakiullah, Director, CHRCO, Public Procurement Law and Rules” , 14<sup>th</sup> to 18<sup>th</sup> December, 2020, Staff Training Institute Peshawar
7. Prof. Dr. Salman Bangash, History, Public Procurement Law and Rules” , 14<sup>th</sup> to 18<sup>th</sup> December, 2020, Staff Training Institute Peshawar
8. Mr. Falak Naz Khalil, Assistant Professor, Electronics, Public Procurement Law and Rules” , 14<sup>th</sup> to 18<sup>th</sup> December, 2020, Staff Training Institute Peshawar
9. Mr. Fawad ud Din, Research Officer, ORIC, ICT and office application , 14<sup>th</sup> to 18<sup>th</sup> December, 2020, Pakistan Academy for Rural Academy, Peshawar
10. Mr. Tahir Jan, Assistant Librarian, Central Library, Office Procedure and Management , 11<sup>th</sup> to 22<sup>nd</sup> January 2021, Staff Training Institute Peshawar
11. Mr. Muzakir Sha, Assistant , Urdu, Office Procedure and Management , 11<sup>th</sup> to 22<sup>nd</sup> January 2021, Staff Training Institute Peshawar
12. Mr. Asmat Ullah Khan, Assistant , Electronics, Office Procedure and Management , 11<sup>th</sup> to 22<sup>nd</sup> January 2021, Staff Training Institute Peshawar
13. Mr. Muhammad Ijaz, Senior Clerk, Central Library, Office Procedure and Management , 11<sup>th</sup> to 22<sup>nd</sup> January 2021, Staff Training Institute Peshawar
14. Mr. Mujeeb ur Rehman, Junior Clerk , Central Library, Office Procedure and Management , 11<sup>th</sup> to 22<sup>nd</sup> January 2021, Staff Training Institute Peshawar
15. Mr. Siraj Muahammad, Senior Clerk , Social Work, Noting, Drafting, Communication Skills Duties, 28<sup>th</sup> December 2020 to 1<sup>st</sup> January 2021, Staff Training Institute Peshawar
16. Mr. Imran Ali, Junior Clerk, Social Work, Noting, Drafting, Communication Skills Duties, 28<sup>th</sup> December 2020 to 1<sup>st</sup> January 2021, Staff Training Institute Peshawar
17. Mr. Musarrat Hussain, Computer Operator, CHRCO, Noting, Drafting, Communication Skills Duties, 28<sup>th</sup> December 2020 to 1<sup>st</sup> January 2021, Staff Training Institute Peshawar
18. Mr. Ozair Khan, Senior Clerk, P&D, Noting, Drafting, Communication Skills Duties, 28<sup>th</sup> December 2020 to 1<sup>st</sup> January 2021, Staff Training Institute Peshawar
19. Mr. Aizaz-ul-Haq, Senior Clerk, P&D, Noting, Drafting, Communication Skills Duties, 28<sup>th</sup> December 2020 to 1<sup>st</sup> January 2021, Staff Training Institute Peshawar

## Office of Research, Innovation and Commercialization Activities

The Office of Research, Innovation and Commercialization (ORIC) was established at University of Peshawar on April, 2014. The objectives of ORIC, University of Peshawar are to;

- Provide strategic and operational support to the University's research activities;
- Mobilize faculty, business community and industry for research commercialization and
- Serve as an effective advocate for research with the university and to its broader community of stakeholders.

### **ORIC Mission**

The Office of Research, Innovation and Commercialization (ORIC) works with researchers to assess market opportunities, secure Intellectual Property Protection, negotiate partnering/licensing arrangements and assist in the commercialization process.

### **Business Incubation Center**

Business incubators, as economic tools, have become increasingly common in the last decade and a half for stimulating local development. Incubators provide facilities and services (for example, business planning and legal, accounting, and marketing support) to catalyze small-business growth. In fact, incubated companies have a dramatically higher rate of survival than an average spinout does. Accordingly, a Business Incubation Center is established by the University of Peshawar under the umbrella of ORIC – University of Peshawar.

### **HEC-NRPU & CPEC Research Projects awarded to University of Peshawar during the Year 2020 – 21 in Million**

| S# | PI Name            | Project Name   | Funding Amount<br>(Million) | Department     |
|----|--------------------|--|-----------------------------|----------------|
| 1  | Dr. Qaisar Jamal   | Leishmania, Antimony and Resistance: Investigating the Trio in Khyber Pakhtunkhwa Pakistan   | 11.682                      | Zoology        |
| 2  | Dr. Gowhar Ali     | Efficacy assessment of topical formulation (10% gel/cream) of small flavonoid derivative (s), gabapentin and ketamine in diabetes induced vulvodynia (VD)- Behavioral and Molecular Approach | 17.727                      | Pharmacy       |
| 3  | Dr. Inamullah Khan | Computer-aided discovery of novel Dual COX/TACE inhibitors for management of Rheumatoid Arthritis  | 8.467                       | Pharmacy       |
| 4  | Dr. Waqas Ahmed    | Evaluation of Dynamic Soil Properties for the Seismic Ground Response Analysis of Islamabad and Peshawar   | 15.224                      | NCE in Geology |
| 5  | Dr. Liaqat Ali     | Integrated Geological and  | 12.316                      | NCE in         |

|              |                       |  |                |                           |
|--------------|-----------------------|--|----------------|---------------------------|
|              |                       | Geophysical Approach for Coal Evaluation & Exploration in Khyber Pakhtunkhwa Pakistan  |                | Geology                   |
| 6            | Dr. Sardar Khan       | Technology development for the prevention and mechanisms of mix-pollution caused by toxic elements and antibiotic/resistance genes in agricultural soils             | 11.522         | Environmental Sciences    |
| 7            | Dr. Syed Qaiser Shah  | Indigenous Development of <sup>99m</sup> Tc and <sup>177</sup> Lu based radiopharmaceuticals for diagnoses and treatment of Head & Neck, Ovarian and Prostate Cancer | 3.622          | ICS                       |
| 8            | Dr. Zahid Ali Ghazi   | Development of long-life and high-area-capacity rechargeable lithium-sulfur batteries  | 14.280         | NCE in Physical Chemistry |
| 9            | Dr. Muhammad Shafique | Climate change-induced multi hazards risk mitigation for marginallied communities along with CPEC in northern Pakistan   | 18.000         | NCE in Geology            |
| <b>Total</b> |                       |  | <b>112.840</b> |                           |

#### **ORIC Achievement / Performance in the year 2020-21**

1. Establishment of Software Information Technology Park at ORIC, through KP IT Board which will hopefully start functioning soon.
2. Approval obtained for arranging International Seminar on June 22-25, 2021
3. associate with carbonate rocks exposed in jamrud, Khyber Pakhtunkhwa" at Istanbul Turkey, Nov 25-28, 2021
4. Approval taken to nominate focal person for PML Hacks to host a sponsored pre hackathon Innovation event at Univerity of Peshawar
5. Request submitted by Elite Sports Pvt Limited for MoU regarding Sports events to be broadcasted at university to encourage athletes (In process)
6. Request submitted to Khyber Pakhtunkhwa Chamber of Commerce & industries for cooperation in industry Academia close ties between University of Peshawar & Industries for promotion of research innovation & Commercialization (In process)



**University of Peshawar Gate in 1967**

# Chapter-3

## Quality Assurance

## Quality Enhancement

### 1. 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 University of Peshawar 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.

### 2. 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.

### 3. Mission:

The mission of the Directorate of Quality Enhancement is to support general mission of the University of Peshawar 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.

### 4. Aims and objectives:

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

### 5. Quality Promotion:

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



## **6. 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.

## **7. 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.

## **8. Departmental Reviews:**

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

## **9. Accreditation:**

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

## **10. 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 University of Peshawar 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

## 11. 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 M.Phil. Thesis: 750
2. Number of Ph.D. Thesis: 185
3. Number of M.Phil. Research Proposals: 986
4. Number of Ph.D. Research Proposals: 242

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 2020-21:

| Name of University       | No. of M.Phil. Theses Checked | No. of Ph.D. Theses Checked | Amount Revenue |
|--------------------------|-------------------------------|-----------------------------|----------------|
| City University          | 35*3000 = Rs. 1,05,000        | 01*5000= Rs. 5000           | Rs. 1,10,000/- |
| Benazir Women University |                               | 01*5000= Rs. 5000           | Rs. 5000/-     |

## 12. 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 280 numbers of remuneration claims.

## 13. The Following Academic programmes of the University have been accredited with relevant accreditation council.

- Department of Pharmacy, (Pharm-D )
- Institute of Education & Research, (B.Ed., M.Ed.)
- Department of Urban & Regional Planning, (BS)
- Department of Computer Science, (BS)
- Law College (LLB)

## 14. The Following programmes are in the Process of Accreditation.

- Institute of Management Studies, (BBA, MBA)
- Department of Electronics, (BS)
- Centre of Biotechnology & Microbiology, (BS)

- ii. **Implementation of Quality Assurance Practices-Seminar/Trainings**
  - 1. Area Study Centre (2 Events)
  - 2. Department of Computer Science
  - 3. Pakistan Study Centre
- iii. **2020 Introduction to Plagiarism and how to avoid it**
- iv. **Seminar on Implementation of Quality Assurance Practices with Affiliated Colleges.** Tuesday, March 31, 2020 Venue: Sir Sahib Zada Abdul Qayum Khan Museum of Archaeology and Ethnology University of Peshawar.
- v. **Affiliated Colleges, visits.**
  - 1. Inspection to Army Service Corps School, Nowshera regarding affiliation in the discipline of M.Sc.-Fuel and Lubricants Management. Thursday 12<sup>th</sup> November, 2020
  - 2. Inspection to Government college Peshawar regarding Affiliation in the Disciplines of BS-Political Science and BS-Pakistan Studies. Monday 23<sup>rd</sup> November, 2020.



## Progress Report of the year 2020-21

| S#  | Name of Program   | Dated          | Venue   |
|-----|---|----------------|---|
| 1.  | A Meeting of Self-Assessment Report   | 08-01-2021     | Department of Philosophy                              |
| 2.  | 20 <sup>th</sup> Meeting of the Board of Faculty of Social Sciences   | 12-01-2021     | Conference Room (IPCS)                                |
| 3.  | A Meeting of Self-Assessment Report   | 09-02-2021     | Department of Mathematics                             |
| 4.  | A Meeting of Self-Assessment Report   | 10-02-2021     | Department of Sociology                               |
| 5.  | A Meeting of Self-Assessment Report   | 16-02-2021     | Department of Economics                               |
| 6.  | A Meeting of Self-Assessment Report   |                | Department of Social Works                            |
| 7.  | A Meeting of Self-Assessment Report Training  | 22-02-2021     | Bacha Khan University Charsadda.                      |
| 8.  | Workshop at Karak University  | 23/24 -02-2021 | Karak University                                      |
| 9.  | Agenda for the 11 <sup>th</sup> Meeting of the Board of Faculty of Numerical and Physical Sciences  | 25-02-2021     | Committee Room No. 02 Main Administration Block       |
| 10. | Checking of Research Documents (MS/M.Phil./Ph.D. Research Thesis/Proposal) by Respective Supervisors.   | 05-03-2021     | Online meeting  |
| 11. | Kohat University (IPE) review Panel committee   | 15-03-2021     | Dr. Salman Jan Director QEC (UOP) Member              |
| 12. | Kohat University (MPhil/PhD Program review) review Panel committee  | 15-03-2021     | Dr. Salman Jan Director QEC (UOP) Member              |
| 13. | Self-Institutional Performance Evaluation (IPE) of Kohat University of Science & Technology(KUST), Kohat  | 26-03-2021     | KUST Senate Hall.                                     |
| 14. | (SAR) BS, Masters, MS/MPhil & Ph.D. Two online orientation sessions   | 06-04-2021     | Online Meeting  |
| 15. | “HEC Recognized National/International journals and their Validity in Academic/Appointments”  | 04-06-2021     | Online Meeting Area Study Centre                      |
| 16. | Plagiarism Seminar  |                | CHRC  |
| 17. | PMU/PASS on day New Faculty Orientation Workshop in BS/Associate Degree Program   | 12-6-2021      | Govt. Degree College for Boys, Jamrud District Khyber |
| 18. | Three-Day Workshop on “Teaching Psychology and Microteaching”   | 23-06-2021     | Bara Gali Summer Camp, University of Peshawar         |
| 19. | Inspection to Nazar College of Pharmacy, Dakson institute of Health Sciences, Islamabad Regarding Affiliation in the Discipline of Doctor of Pharmacy (Pharm-D) | 01-07-2021     | Inspection Committee visit to Islamabad               |
| 20. | Inspection to Bashir Institute of Health Sciences Islamabad Regarding Affiliation in the Discipline of BS-Psychology.   | 01-07-2021     | Inspection Committee visit to Islamabad               |
| 21. | Meeting on Rationalization/Reshuffling of Ministerial Staff (Class-III&IV)  | 06-07-2021     | Committee Room No. 2 at University of Peshawar.       |

# Chapter-4

## Faculty Development



## Overall Teaching Strength with Ph.D

| Designation/Title   | Pay Scale | Status during current year 2020-21 |            |           |            |            |
|---------------------|-----------|------------------------------------|------------|-----------|------------|------------|
|                     |           | PhD                                |            | Non-PhD   |            | Total      |
|                     |           | Male                               | Female     | Male      | Female     |            |
| Professor           | BPS       | 47                                 | 16         | 0         | 0          | 63         |
|                     | TTS       | 4                                  | 1          | 0         | 0          | 05         |
| Associate Professor | BPS       | 26                                 | 16         | 0         | 0          | 42         |
|                     | TTS       | 0                                  | 1          | 0         | 0          | 1          |
| Assistant Professor | BPS       | 96                                 | 35         | 25        | 20         | 176        |
|                     | TTS       | 13                                 | 2          | 0         | 0          | 15         |
| Lecturer            | BPS       | 41                                 | 33         | 48        | 88         | 210        |
| <b>Total</b>        |           | <b>227</b>                         | <b>104</b> | <b>73</b> | <b>108</b> | <b>512</b> |

## Centre for Human Resource and Career Development

| S# | Title of Training  | Arranged in                                       | Resource Person   | Arranged by |
|----|--|---|---|-------------|
| 1  | Two days' workshop on Designing Quality Manuscript Research article for Impact Journal two day | 3 <sup>rd</sup> & 4 <sup>th</sup> November 2020   | Dr. Muhammad Yaseen<br>Assistant Professor, Institute of Chemical Sciences  | CHRCDD      |
| 2  | Online Seminar on Income Tax E-Filing  | 13 <sup>th</sup> & 14 <sup>th</sup> November 2020 | Mr. Muhammad Farrukh,<br>Lecturer, Qaid Azam College Commerce   | Online      |
| 3  | Orientation Session for Proctorial   | 1 <sup>st</sup> December 2020                     | Dr. Anwar Saeed, Assistant Professor, Department of   | CHRCDD      |
| 4  | Khyber Pakhtunkhwa University Act 2012   | December, 2020                                    | Mr. Saif Ullah Khan,<br>Additional Registrar  | CHRCDD      |
| 5  | Online workshop on HEC Plagiarism Policy   | January, 2021                                     | Dr. Salman Jan, Assistant Registrar   | CHRCDD      |
| 6  | Teaching Practicum and Classroom Pedagogies  | June, 2021  | Dr. Amjad Reba, Dr. Syed Munir Ahmad, Institute of  | CHRCDD      |
| 7  | Research Methodology, Data Analysis and referencing in Research                                | June, 2021  | Dr. Asad Khan<br>Department of Library<br>Dr. Syed Muhammad Asim<br>Department of Statistics<br>Dr. Zaki Ullah<br>Department of Pharmacy<br>Dr. Rehman Ali Qaid Azam<br>College of Commerce | CHRCDD      |
| 8  | HEC Plagiarism and HEC Recognized Journals   | June, 2021  | Dr. Salman Jan<br>Assistant Registrar<br>Directorate of Quality Enhancement   | CHRCDD      |
| 9  | Systematic Methodology of Research and Development for PAF Officer 2 weeks workshop            | August, 2021                                      | Dr. Asad Khan<br>Department of Library and Information Science<br>Dr. Syed Muhammad Asim<br>Qaid Azam College of Commerce   | CHRCDD      |

# Chapter-5

ACCESS

## Basic Enrollment and Gender Wise Details

| Regular Students    | Undergraduate |        | Masters |        | MS/M.Phil /Ph.D |        |
|---------------------|---------------|--------|---------|--------|-----------------|--------|
|                     | Male          | Female | Male    | Female | Male            | Female |
| Indigenous          | 6343          | 2878   | 2048    | 1226   | 1052            | 730    |
| Foreign             | 54            | 11     | 7       | 3      | 5               | 2      |
| Sub Total           | 9286          |        | 3284    |        | 1789            |        |
| Grand Total = 14359 |               |        |         |        |                 |        |

## 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>14359</b>   | <b>512</b>    | <b>1:28</b>           |

## Meetings of Advanced Studies and Research Board

| Program | 2020       | 2021       |
|---------|------------|------------|
| Ph.D    | 27/01/2020 | 04/01/2021 |
|         | 03/03/2020 | 11/01/2021 |
|         | 23/06/2020 | 21/01/2021 |
|         | 19/08/2020 | 15/02/2021 |
|         | 12/09/2020 | 03/03/2021 |
|         | 01/10/2020 | 07/04/2021 |
|         |            | 02/06/2021 |
|         |            | 15/07/2021 |
|         |            | 25/08/2021 |
|         |            | 16/09/2021 |
|         |            | 20/10/2021 |
|         |            | 11/11/2021 |
|         |            | 15/12/2021 |



Vice Chancellor Prof Dr Muhammad Idrees presides over the meeting of Advanced Study Research Board (ASRB).

# Chapter-6

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, Office of Research and Innovation Commercialization 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, Office of Research and Innovation Commercialization 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 centre will attract the investors/ researchers / faculty / students 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 (Ongoing)

#### **1. 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 has been approved by HEC with a capital cost of Rs. 796.253 for a period of 3 years under Public Sector Development Programme. During the current academic year, civil works component including construction of business incubation centre, upgradation of central library and establishment of modular data centre are ninety percent completed. The other approved allied components are in progress.

##### **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 centres 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.

### Detail of Expenditure for Financial year 2020-21

| S.No | PC-1 Head                     | Approved PC-1 Cost in million | Actual expenditure upto June 2021 |
|------|-------------------------------|-------------------------------|-----------------------------------|
| 1    | Civil Work                    | 139.914                       | 121.782                           |
| 2    | Equipment                     | 562.780                       | 125.383                           |
| 3    | Books and Journals            | 53.500                        | 29.213                            |
| 4    | Furniture and Fixture         | 21.422                        | 2.722                             |
| 5    | Implementation staff Salaries | 08.639                        | 2.806                             |
| 6    | Contingency                   | 10.000                        | 4.628                             |
|      | <b>Total</b>                  | <b>796.253</b>                | <b>286.534</b>                    |



Central Library Front Elevation



Central Library Inner Hall



Business Incubation Centre

## 2. Establishment of 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, Balochistan, AJK, are the targeted areas.

### Detail of Expenditure for Financial year 2020-21

| Approved Components |   | Approved Cost million | Actual Cost upto june 2021 |
|---------------------|---|-----------------------|----------------------------|
| 1                   | Civil Work                                      | 99.978                | 99.990                     |
| 2                   | Furniture & Fixture                             | 10.363                | 0                          |
| 3                   | Equipment                                       | 19.533                | 0.492                      |
| 4                   | Conference (Regional, National & International) | 8.000                 | 2.176                      |
| 5                   | Books & Journals                                | 14.469                | 3.283                      |
| 6                   | Forensic Science Lab                            | 27.081                | 0                          |
| 7                   | Implementation Staff                            | 1.181                 | 1.171                      |
| <b>Total:</b>       |   | <b>180.605</b>        | <b>107.022</b>             |





**Department of Criminology new building**



## 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 placed. 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 equipments 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 equipments 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 has arrived and is under installation process.

#### Analytical Facilities at CRL

**The Equipments 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 Chromatography (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 Archaeology
- 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 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
- Government College for Women University, Sialkot
- Government 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.



Centralized Resource Lab (CRL)

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

### i. Other Characterizations

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

### ii. New Characterization Equipment

- Fourier Transform Infrared Spectroscopy (FTIR)
- Photo Luminescence/Fluorescence Spectrometry(PL)
- UV/Vis/NIR Spectrophotometry (UV/Vis/NIR)
- X-ray diffraction (XRD)*
- 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 Medicine Research Laboratory (ICS)

|                  |                                   |                            |
|------------------|-----------------------------------|----------------------------|
| Gamma Cameras    | Well Counter                      | Dose Calibrator            |
| Bectec 460       | Contamination Survey Meter        | Scintillation Survey Meter |
| Count Rate Meter | Personal Digital Pocket Dosimeter | Lead Apron                 |
| Glassers         | Fume Hood (beta and gamma box)    |                            |

### 4. Research Laboratory Equipment (Department of Pharmacy)

#### i. Organic or Medicinal Chemistry Laboratory

|                          |                            |
|--------------------------|----------------------------|
| Real-time Thermo Cycler  | Conventional Thermo cycler |
| Gel Documentation System | DNA extraction equipment   |
| Chemistry Analyzer       | Hematology Analyzer        |
| Rotary Evaporator        |                            |

#### ii. Pharmaceutics Laboratory

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| HPLC Binary                          | Centrifuge Temperature Controlled |
| HPLC Quaternary                      | UPLC                              |
| Zeta Sizer                           | LC-MS/MS                          |
| UV/VIS spectrophotometer (lambda 25) | Dissolution Apparatus             |
| Incubator                            | Analytical Balance                |
| Rotary Evaraporator                  | Sonicator                         |
| Oven Autoclave                       | Disintegration Apparatus          |
| Viscometer                           |                                   |

#### iii. Pharmacology Laboratory

|               |                  |               |
|---------------|------------------|---------------|
| HPLC with ECD | Analgesiometer   | Plethysmomter |
| Microtome     | Microscope       | Homogenizer   |
| Centrifuge    | Oven             |               |
| Double Beam   | pectrophotometer |               |

#### iv. Pharmacognosy Laboratory

|             |            |                             |
|-------------|------------|-----------------------------|
| Microscopes | Oven       | Rotary Evaporator + Chiller |
| Water Bath  | Centrifuge | Water bath                  |

### 5. Department of Environmental Science Laboratory

|                              |                         |                          |                    |
|------------------------------|-------------------------|--------------------------|--------------------|
| Oven vacuum Pump             | Centrifuge              | Electronic Balance       | Ultra sonic Bath   |
| Refrigerator                 | Drel 2010               | Water Quality Laboratory | Oven               |
| Rotavaparator                | Air Condition           | Cool Incubator           | Fume Hood          |
| UV/Visible Spectrophotometer | Flame Photometer        | PH Meter                 | Conductivity       |
| Meter                        | FTIR                    | Gas Chromatograph (GC)   | Distillation Plant |
| Water Bath                   | De-Ionizer              | Gas Cylinder             | Heater Electro     |
| Thermal                      | Air Sampler High Volume | Spectophoto Meter        | DistilWater Plant  |
| Microscope                   | Noise Meter             | Water Quality            | Checker Meter      |
| Electric Shock               | Ena Scope               | Colony Counter           | Agri meter         |
| Turbidity Meter              | Do Meter                | Mechanical Save Machine  |                    |





## 6. Department of Geology Rock Cutting Laboratory

Simple Grinder  
Cutting Machine

Simple Polisher  
Core Driller

Grinder and Polisher  
HotPla

### I. Petrography Laboratory:

- Multi Head Optical Microscopes
- Binocular and Trinocular Polarizing Microscopes
- Single Ocular Microscopes

### II. RS/GIS Laboratory;

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

## 7. Centre of Biotechnology and Microbiology Laboratory

Block Heater  
Distillation Plant  
Gel Electrophoresis  
Incubator  
Melting Point Apparatus  
Polari Meter  
Shaker  
Vorex

Centrifuge  
Flask Shaker  
Growth Chamber  
Laminar Flow Hood  
Microscopes  
Refrigerator  
Incubator pectrophotometer

Colony Counter  
Fume Hood  
Heat Stirrer  
Lifolyzer  
Oven  
Rotary Evaporator  
Cooled Shaking Incubator  
Gel Documentation Device  
Ice Crushing Machine  
Melting Point  
PCR machine  
Turbidity Meter

### Rotary Evaporator



# Chapter-8

## Strengthening of Technological Infrastructure

## Strengthening Technological Infrastructure

### Center 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 fulfil 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. Pakistan Education and Research Network (PERN):

University of Peshawar 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 academics and administrative departments and Students Teacher hostels.

University of Peshawar 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.#                                 | Service Name       | S.# | Service Name      |
| 1                                   | Networks           | 6   | DNS Server        |
| 2                                   | NMS                | 7   | EBS Server        |
| 3                                   | Internet bandwidth | 8   | Ticket Management |
| 4                                   | Web Server         | 9   | CMS Server        |
| 5                                   | Proxy Server       | 10  | DHCP Server       |

## 2. Video Conferencing:

University of Peshawar 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 University of Peshawar.

## 3. Web Portal:

The University of Peshawar 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 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 University of Peshawar. 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.

#### **4. Email Services:**

The Centre provides email addresses to University of Peshawar 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 University of Peshawar which are functional and being utilized for official correspondence.

#### **5. 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 390 users.

#### **6. 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.

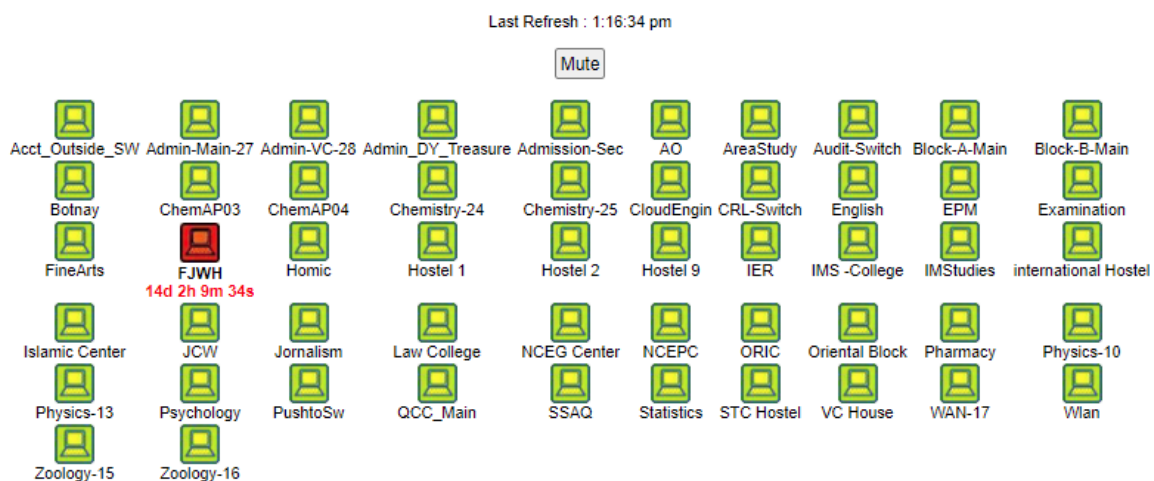
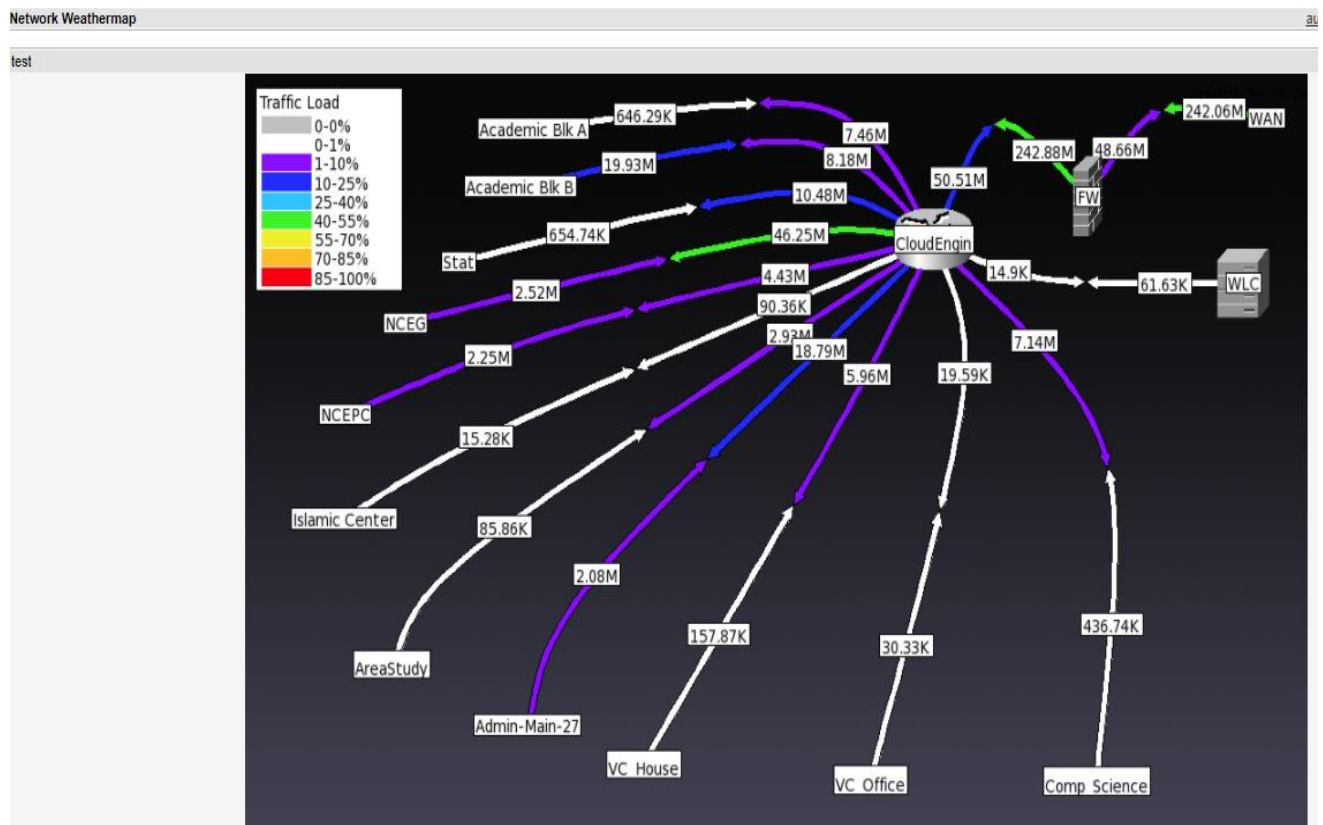
#### **7. Monitoring System:**

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

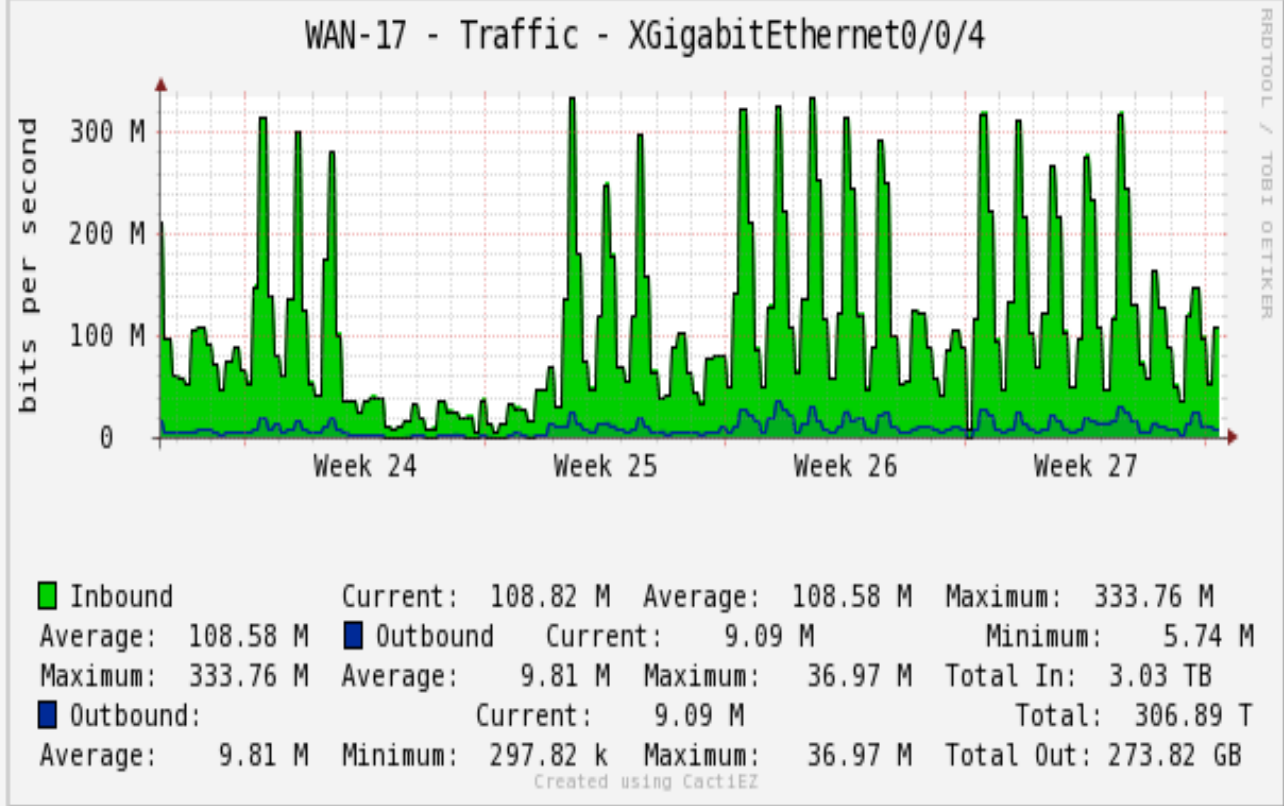


bandwidth utilization. Furthermore, the complaint management and monitoring system enables the centre to check status of complaints and its timely resolution.

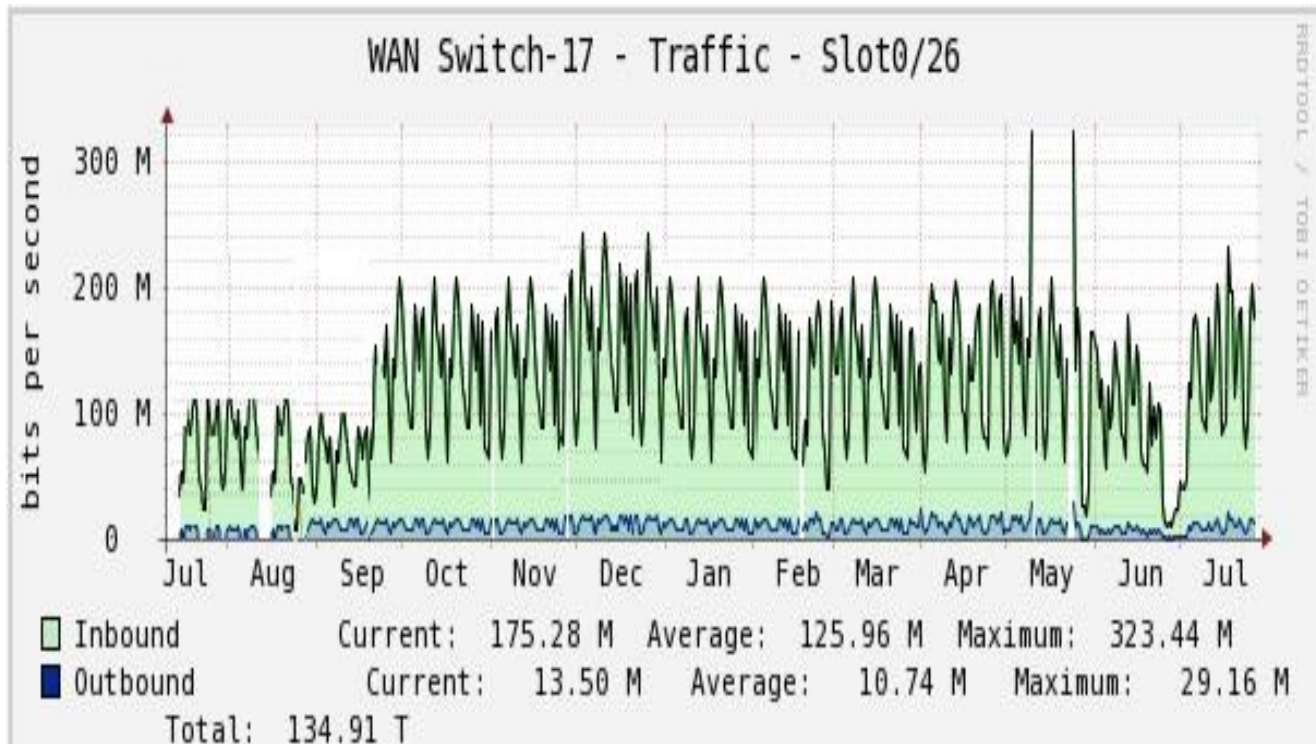
## Network Monitoring Server (NMS)



**Total Bandwidth Utilization Graph**

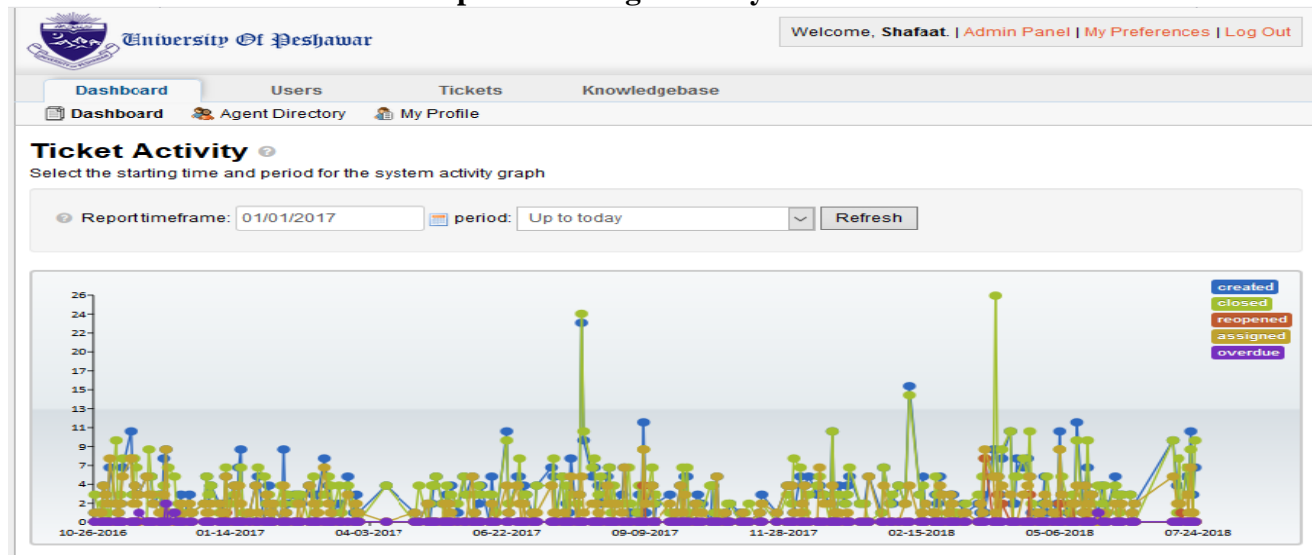


Monthly (2 Hour Average)



Yearly (1 Day Average)

## Complaint Management System:



### 8. 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.

### 9. 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.

### 10. Completed Projects in 2017-2020:

#### 1. 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       | Optical fibre and internal Networking and access switches installed  |
|------|-----------------------|--|
| 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        | Optical Fibre cabling from Pashto Academy and  |

| S.No | Department Name                  | Optical fibre and internal Networking and access switches installed |
|------|----------------------------------|---|
|      | Administration                   | 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                                       |

## 2. 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.

## 3. Government College Video Conferencing /PERN Project:

Under PERN project, HEC has approved a project for University of Peshawar 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 8Mbps 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.

## 4. Smart and Safe University Project:

This project was initiated in year 2015 and an agreement was signed between UoP and HEC for Smart Campus (Wi-Fi) after the critical security situation in the country especially 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 University of Peshawar 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 University of Peshawar 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.

## **5. Data Center**

In order to cope up with the rapid changing technology and the requirement of the academia it is very essential to keep update our existing network/system/technology; comprising of data center on one hand while the clients on the other hand. As we are well aware that after every 24 months computer processing demands become double. It means that we find the Latest Technology devices "Networking Devices" in the market every year and even that every month. So in our existing network we have to add the latest technology devices to fulfill requisite requirement, which are not possible with our Existing network.

Keeping in view of the data growth and research requirement, Center for IT Services (CITS) had deployed a state of the art data center under the project Strengthening of Academic & Professional Facilities at University of Peshawar with the total project cost of 57Million. Data Center will be operational after full migration of optical fiber, servers/services from old data center to the new data center. This upgradation will enhance uptime, security, availability of services and resources, ease of management and single source facilities management.

Also we would like to mention that Campus Management Solutions comprising of students complete life cycle and implementation of Enterprise Resource Planning (ERP) is already deployed and running in our data center. It will contribute its role in the academia uplifting and will certainly share in research and industrial commercialization.

## **11. 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.

### **3. National and Vocational Technical Training Commission Project.**

The Centre for IT Services is also in the process of preparing Project for 15 technical Trades for the project to submit under kamyab jawan program.



## Digital Library

Access to 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.

The requisite information regarding the Digital Library program is mentioned below:

|  |                     |
|--|---------------------|
| <b>Digital Library Resources</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>theses And Dissertation Database</b>  |                     |
|  | <b>5 Million</b>    |
| ➤ ProQuest business premium collection   |                     |
| ➤ ProQuest social science premium collection                                       | <b>12 Databases</b> |
| <b>Subject-Specific Resources (Societies)</b>                                      |                     |
| ➤ American association of physics teachers (AAPT)                                  |                     |
| ➤ American chemical society (ACS)  |                     |
| ➤ American institute of physics (AIP)  |                     |
| ➤ American mathematical society (AMS)  |                     |
| ➤ American physical society (APS)  |                     |
| ➤ American society of civil engineering (ASCE)                                     |                     |
| ➤ Association of computing machinery (ACM)   |                     |
| ➤ Institute of electrical and electronics engineers (IEEE)                         |                     |
| ➤ Institute of physics,  |                     |
| ➤ International forestry review - commonwealth forestry association                |                     |
| ➤ ASTM compass   |                     |
| <b>Multidisciplinary Resources:</b>  |                     |
| ➤ Annual reviews   |                     |
| ➤ Brill  |                     |
| ➤ Elsevier (science direct)  |                     |
| ➤ JSTOR  |                     |
| ➤ NRC research press journals online   |                     |
| ➤ Springer link  |                     |
| ➤ Taylor & Francis journals  |                     |
| ➤ Wiley - Blackwell journals   |                     |
| <b>Health Sciences</b>   |                     |
| ➤ Royal College of Physicians  |                     |
| ➤ Wolters  |                     |
| <b>Management Sciences</b>   |                     |
| ➤ Emerald  |                     |
| ➤ Institute For Operations Research and the Management Sciences ( <b>INFORMS</b> ) |                     |

### **Social Sciences & Humanities**

- University of Chicago press
- International Monetary Fund (IMF)

### **Scholarly Databases For Reference Searching**

- ISI Web of Knowledge

### **Free Medical Journals**

- <http://digitallibrary.edu.pk/usflfrmed.html>

### **Open Access Resources**

- Open Access E-Books  
<http://digitallibrary.edu.pk/OAEBooks.html>
- Open Access Journals  
<http://digitallibrary.edu.pk/OAJournals.htm>

### **Access To Other Electronic Resources**

In addition to the above the Central Library have access to the following resources as well:

#### **a. Access To E-Library USA**

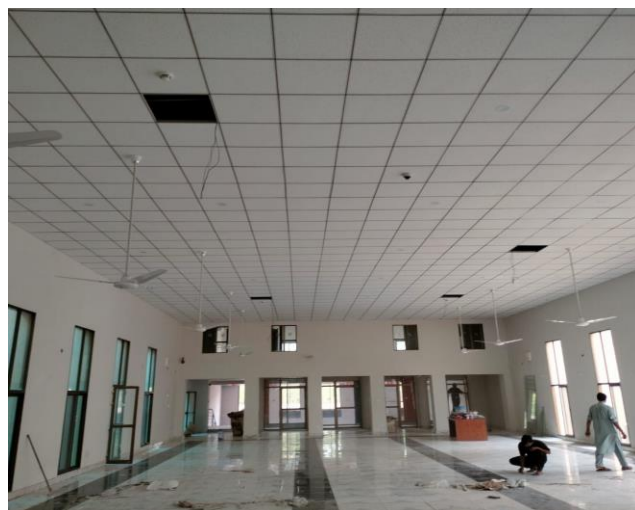
- i. 30+ Online Databases
- ii. Full Text& Peer-reviewed
- iii. Books, journals and theses
- iv. Subject Areas Covered:
- v. Science & Technology
- vi. Arts and culture
- vii. Business administration
- viii. Social Sciences.
- ix. English Language resources
- x. Reference resources

#### **B. United Nation Publications**

The Library provides access to United Nation Publications in printed as well as in soft form.

#### **C. Worl Bank Publications**

The Library provides access to United Nation Publications in printed as well as in soft form.



# Chapter-9

## University Building Communities

## University-Community Interaction

Higher education institutions are an integral part of the community in which they are located and play a leading role in the society. As stipulated by HEC, they serve to promote the local industry, protect local heritage, debate policies impacting their region and the country at large, and provide education and training addressing the local needs. Need for direct relevance of education and research to socio-economic development is repeatedly underscored. Universities are expected to prioritize and apply their knowledge and research to the issues of local and regional industrial and social community, and to provide solutions for the long withstanding and new problems. They are expected to provide leverage for the regional and local competitive advantage. It is in this way that they can truly serve as engines of growth for the socio-economic development.

Universities are being asked to associate and enhance their integration with society and community. They are expected to work towards social cohesion; actively contribute in community building and development; and demonstrate their level of citizenship and responsibility. Innovation, research, entrepreneurial spirit and creativity carried out at the campuses, is desired to be transferred to and for the benefits of the community.

Universities are expected to be useful to its community in a direct and applied way, not just through the education it provides or the long-term potential benefits of pure research. There is a focus on facilitating universities to step out of isolation, become more self-reliant and be able to engage the stakeholders to play their due role in the development of Pakistan. In the prevailing circumstances of distress, especially in Khyber Pakhtunkhwa and its adjoining areas, higher education institutions are facing a pressing demand to make use of their knowledge bases and resources for the benefit of the society, promoting sustainable development and culture of peace. The University has to contribute to building a better world starting from its own backyard.



# 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 2020-21.

The Sports Session of the University of Peshawar usually starts from the month of September of the calendar year. During the Session 2020-21, the activities of the Directorate of Sports were as under:-

1. Convened the Annual General Body meeting of University of Peshawar Sports Tournament Committee (UPSTC) Boys of the Constituent & Affiliated Colleges under the jurisdiction of the University on 19.10.2020.
2. Convened the Annual Executive Body meeting of University of Peshawar Sports Tournament Committee (UPSTC) Boys of the Constituent & Affiliated Colleges under the jurisdiction of the University on 28.10.2020.
3. Organized the Sports Week/Sports Gala of the Departments from September, 2020 to March, 2021 at the Campus of University of Peshawar.
4. The following Inter Colleges Degree Tournaments of Boys of the Constituent & Affiliated Colleges under the jurisdiction of the University of Peshawar were organized.

- |                |                 |                |
|----------------|-----------------|----------------|
| a. Athletic    | e. Foot Ball    | i. Tug of War  |
| b. Badminton   | f. Hand Ball    | j. Volley Ball |
| c. Basket Ball | g. Hockey       |                |
| d. Cricket     | h. Table Tennis |                |



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

| S. No. | Game/Event and Date              | Organized by           | Number of Participating Colleges | Position        |
|--------|----------------------------------|------------------------|----------------------------------|-----------------|
| 1.     | Athletics (Men)<br>03.03.2021    | University Of Peshawar | 07                               | 3 <sup>rd</sup> |
| 2.     | Badminton (Men)<br>13.02.2021    | University Of Peshawar | 10                               | 2 <sup>nd</sup> |
| 3.     | Basketball (Men)<br>09.11.2020   | University Of Peshawar | 07                               | 1 <sup>st</sup> |
| 4.     | Cricket (Men)<br>24.11.2020      | University Of Peshawar | 12                               | 1 <sup>st</sup> |
| 5.     | Football (Men)<br>18.11.2020     | University Of Peshawar | 11                               | 3 <sup>rd</sup> |
| 6.     | Handball (Men)<br>16.02.2021     | University Of Peshawar | 04                               | 2 <sup>nd</sup> |
| 7.     | Hockey (Men)<br>24.11.2020       | University Of Peshawar | 04                               | 1 <sup>st</sup> |
| 8.     | Table Tennis (Men)<br>12.02.2021 | University Of Peshawar | 07                               | 3 <sup>rd</sup> |
| 9.     | Tug of War (Men)<br>16.02.2021   | University Of Peshawar | 07                               | 2 <sup>nd</sup> |
| 10.    | Volleyball (Men)<br>18.02.2021   | University Of Peshawar | 10                               | 1 <sup>st</sup> |

6. Organized by University of Peshawar & Participation of the Affiliated Colleges of the University of Peshawar during Inter College Tournaments Session 2020-21

| S. No. | Game/Event              | Organized by                  | Number of Participating Colleges | Name of Participating Colleges  | Position of The University of Peshawar |
|--------|-------------------------|-------------------------------|----------------------------------|---|--|
| 1.     | <b>Athletics (Men)</b>  | <b>University Of Peshawar</b> | <b>07</b>                        | 1. Government College Peshawar<br>2. Government Degree College Mathra, Peshawar<br>3. Government Degree College Jamrud, Khyber<br>4. Government Degree College Hayatabad, Peshawar<br>5. Government Superior Science College Peshawar<br>6. Govet College of Management Science No. 2 Peshawar<br>7. Postgraduate Departments University of Peshawar  | <b>3<sup>rd</sup></b>                  |
| 2.     | <b>Badminton (Men)</b>  | <b>University Of Peshawar</b> | <b>10</b>                        | 1. Government College Peshawar<br>2. Government Degree College Mathra, Peshawar<br>3. Quaid-e-Azam College of Commerce UOP<br>4. Government Degree College Badaber, Peshawar<br>5. Edwards College Peshawar<br>6. Government Superior Science College Peshawar<br>7. Government Degree College Ekkaghound Mahmand.<br>8. PEF Postgraduate College University Road Peshawar<br>9. Govt. College of Manage: Science No. 2 Peshawar<br>10. Postgraduate Departments University of Peshawar | <b>2<sup>nd</sup></b>                  |
| 3.     | <b>Basketball (Men)</b> | <b>University Of Peshawar</b> | <b>07</b>                        | 1. Government College Peshawar<br>2. Government Degree College Mathra, Peshawar<br>3. Government Degree College Jamrud, Khyber<br>4. Government Science Superior College of Peshawar.<br>5. Government Postgraduate College Landi Kotal, Khyber<br>6. Edwards College Peshawar<br>7. Postgraduate Departments University of Peshawar  | <b>1<sup>st</sup></b>                  |
| 4.     | <b>Cricket (Men)</b>    | <b>University Of</b>          | <b>12</b>                        | 1. Government College Peshawar<br>2. Government Degree College Mathra, Peshawar   | <b>1<sup>st</sup></b>                  |

|    |                           |                               |           |  |                       |
|----|---------------------------|-------------------------------|-----------|--|-----------------------|
|    |                           | <b>Peshawar</b>               |           | 3. Government Postgraduate College Landi Kotal, Khyber<br>4. Govt Degree College Kohe Sher Haider Bara Khyber<br>5. Government Degree College Ekkaghound<br>6. Government Science Superior College Peshawar<br>7. Government Degree College Jamrud, Khyber<br>8. Govt. College of Manage: Science No. 2 Peshawar<br>9. Edwards College Peshawar<br>10. PEF Postgraduate College University Road Peshawar<br>11. Quaid-e-Azam College of Commerce Univ. of Peshawar<br>12. Postgraduate Departments University of Peshawar                |                       |
| 5. | <b>Football (Men)</b>     | <b>University Of Peshawar</b> | <b>11</b> | 1. Government College Peshawar<br>2. Government Degree College Mathra, Peshawar<br>3. Govt Degree College Kohe Sher Haider Bara Khyber.<br>4. Government Postgraduate College Landi Kotal, Khyber<br>5. Government Degree College Ekkaghound<br>6. Government Degree College Jamrud, Khyber<br>7. Government Superior Science College Peshawar<br>8. PEF Postgraduate College University Road Peshawar<br>9. Edwards College Peshawar<br>10. Quaid-e-Azam College of Commerce UoP<br>11. Postgraduate Departments University of Peshawar | <b>3<sup>rd</sup></b> |
| 6. | <b>Handball (Men)</b>     | <b>University Of Peshawar</b> | <b>04</b> | 1. Government College Peshawar<br>2. Government Degree College Mathra, Peshawar<br>3. Government Superior Science College Peshawar<br>4. Postgraduate Departments University of Peshawar   | <b>2<sup>nd</sup></b> |
| 7. | <b>Hockey (Men)</b>       | <b>University Of Peshawar</b> | <b>04</b> | 1. Government College Peshawar<br>2. PEF Postgraduate College University Road Peshawar<br>3. Edwards College Peshawar<br>4. Postgraduate Departments University of Peshawar  | <b>1<sup>st</sup></b> |
| 8. | <b>Table Tennis (Men)</b> | <b>University Of Peshawar</b> | <b>07</b> | 1. Government College Peshawar<br>2. Government Degree College Chaghar Matti, Peshawar<br>3. Edwards College Peshawar<br>4. Govt. College of Manage: Science No. 2 Peshawar<br>5. Government Superior Science College Peshawar   | <b>3<sup>rd</sup></b> |

|     |                         |                               |           |   |                       |
|-----|-------------------------|-------------------------------|-----------|---|-----------------------|
|     |                         |                               |           | 6. Quaid-e-Azam College of Commerce UOP<br>7. Postgraduate Departments University of Peshawar   |                       |
| 9.  | <b>Tug of War (Men)</b> | <b>University Of Peshawar</b> | <b>07</b> | 1. Government College Peshawar<br>2. Government Postgraduate College Landi Kotal Kyber<br>3. Government Degree College Badaber Peshawar<br>4. Government College of Management Science No.2 Pesh.<br>5. PEF Postgraduate College University Road Peshawar<br>6. Quaid-e-Azam College of Commerce UOP<br>7. Postgraduate Departments University of Peshawar  | <b>2<sup>nd</sup></b> |
| 10. | <b>Volleyball (Men)</b> | <b>University Of Peshawar</b> | <b>10</b> | 1. Government College Peshawar<br>2. Government Degree College Mathra, Peshawar<br>3. Government Superior Science College Peshawar<br>4. Government Degree College Ekkaghound Mahmand<br>5. Government Degree College Chaghar Matti Peshawar<br>6. Quaid-e-Azam College of Commerce UOP<br>7. Govt. College of Manage: Science No. 2 Peshawar<br>8. Edwards College Peshawar<br>9. PEF Postgraduate College University Road Peshawar<br>10. Postgraduate Departments University of Peshawar | <b>1<sup>st</sup></b> |



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

| S. No. | Game/Event and Date                         | Organized University                     | Number of Participating University | Name of Participating University  | Position of The University of Peshawar |
|--------|---|--|------------------------------------|---|--|
| 1.     | <b>Badminton Men (Zone) "B" 11.03.2021</b>  | <b>Abdul Wali Khan University Mardan</b> | <b>04</b>                          | 1. Abdul Wali Khan University Mardan<br>2. CECOS University, Peshawar<br>3. Univ. of Engineering & Technology Mardan<br>4. University of Peshawar   | <b>1<sup>st</sup></b>                  |
| 2.     | <b>Basketball Men (Zone) "B" 10.11.2020</b> | <b>Abdul Wali Khan University Mardan</b> | <b>10</b>                          | 1. Abdul Wali Khan University Mardan<br>2. CECOS University, Peshawar<br>3. Islamia College University, Peshawar<br>4. Sarhad University Peshawar<br>5. Univ. of Engineering & Technology Peshawar<br>6. Univ. of Engineering & Technology Mardan<br>7. University of Swabi, Swabi<br>8. G. I. K. Topi, Swabi<br>9. The Univ. of Agriculture Peshawar<br>10. University of Peshawar   | <b>1<sup>st</sup></b>                  |
| 3.     | <b>Cricket Men (Zone) "B" 15.02.2021</b>    | <b>University of Peshawar</b>            | <b>10</b>                          | 1. Abdul Wali Khan University Mardan<br>2. The Univ. of Agriculture Peshawar<br>3. Iqra National University Peshawar<br>4. Univ. of Engineering & Technology Peshawar<br>5. Univ. of Engineering & Technology Mardan<br>6. University of Peshawar<br>7. G. I. K. Topi, Swabi<br>8. CECOS University, Peshawar<br>9. City, University, Peshawar<br>10. Islamia College, Peshawar   | <b>1<sup>st</sup></b>                  |
| 4.     | <b>Cricket Men (Final) 08.03.2021</b>       | <b>University of Central Punjab</b>      | <b>15</b>                          | 1. University of the Punjab<br>2. Hazara University Hazara<br>3. University of Lahore<br>4. City University Peshawar<br>5. Hamdard University Karachi<br>6. COMSATS University Islamabad<br>7. University of Lakki Marwat<br>8. B. U. E. T Khuzdar<br>9. Islamia University Bahawal Pur<br>10. Agriculture University Faisalabad<br>11. U. E. T, Lahore.<br>12. University of Karachi, Karachi<br>13. Quaid-e-Azam University Islamabad<br>14. U. C. P Lahore<br>15. University of Peshawar | <b>Participation</b>                   |
| 5.     | <b>Football Men (Zone) "B" 23.11.2020</b>   | <b>Abdul Wali Khan University Mardan</b> | <b>13</b>                          | 1. Abdul Wali Khan University Mardan<br>2. CECOS University, Peshawar<br>3. Islamia College University, Peshawar<br>4. Sarhad University Peshawar<br>5. Univ of Engineering & Technology Peshawar<br>6. Univ. of Engineering & Technology Mardan<br>7. University of Swabi, Swabi   | <b>Participation</b>                   |

|     |   |  |           |  |   |
|-----|---|--|-----------|--|---|
|     |   |  |           | 8. G. I. K. Topi, Swabi<br>9. The Univ. of Agriculture Peshawar<br>10. University of Peshawar<br>11. City University Peshawar<br>12. Northran University<br>13. Shaheed Benazir Bhutto Univ. Sheringal Dir   |   |
| 6.  | <b>Hockey<br/>Men<br/>(Zone) "B"<br/>15.02.2021</b>           | <b>University<br/>of Peshawar</b>  | <b>05</b> | 1. Abdul Wali Khan University Mardan<br>2. Univ of Engineering & Technology Mardan<br>3. The Univ. of Agriculture Peshawar<br>4. Islamia College University, Peshawar<br>5. University of Peshawar   | <b>1<sup>st</sup></b>   |
| 7.  | <b>Squash<br/>Men<br/>01.03.2021</b>                          | <b>Mehran<br/>University<br/>of<br/>Engineering<br/>&amp;<br/>Technology,<br/>Jamshoro</b> | <b>14</b> | 1. University of the Punjab<br>2. AGR University Faisalabad<br>3. Garrison Univ. , Lahore<br>4. LUMHS, Jamshoro<br>5. The Superior University, Lahore<br>6. University of Lahore<br>7. UCP, Lahore<br>8. UV&AS, Lahore<br>9. UMET, Jamshoro<br>10. GCU, Lahore<br>11. University of Peshawar<br>12. Islamia University Bahawal Pur<br>13. Karachi University Karachi<br>14. Sarhad University Peshawar | <b>Participation</b>  |
| 8.  | <b>Table<br/>Tennis<br/>Men<br/>(Zone) "B"<br/>18.02.2021</b> | <b>Abdul Wali<br/>Khan<br/>University<br/>Mardan</b>                                       | <b>04</b> | 1. Abdul Wali Khan University Mardan<br>2. Univ. of Engineering & Technology Mardan<br>3. University of Swabi, Swabi<br>4. University of Peshawar  | <b>1<sup>st</sup></b>   |
| 9.  | <b>Table<br/>Tennis<br/>Men (Final)<br/>26.02.2021</b>        | <b>Iqra<br/>University<br/>Karachi</b>   | <b>13</b> | 1. Abdul Wali Khan University Mardan<br>2. UCP, Lahore<br>3. U. M. T. Lahore<br>4. P.M.A.S<br>5. Mehran University Sindh<br>6. The Superior University, Lahore<br>7. I.B.A, Lahore<br>8. I. U<br>9. University of Peshawar<br>10. Islamia University Bahawal Pur<br>11. Quaid-e-Azam Islamabad<br>12. University of Lahore<br>13. University of the Punjab   | <b>Participation</b>  |
| 10. | <b>Wushu<br/>(Men)<br/>18.06.2021</b>                         | <b>University<br/>of<br/>Peshawar</b>  | <b>11</b> | 1. University of Central Punjab, Lahore<br>2. University of the Punjab<br>3. U. M. T, Lahore<br>4. The Superior University, Lahore<br>5. GCU, Lahore<br>6. Lahore Garrison University<br>7. UV&AS, Lahore<br>8. University of Karachi, Karachi<br>9. University of Lahore<br>10. The Islamia Univ. Bahawal Pur<br>11. University of Peshawar   | <b>6<sup>th</sup><br/>02 Silver<br/>Medal<br/>05 Bronze<br/>Medal</b> |

|     |   |                                       |           |  |                       |
|-----|---|---------------------------------------|-----------|--|-----------------------|
| 11. | <b>Volleyball<br/>Men<br/>(Zone) “B”<br/>22.02.2021</b> | <b>University<br/>of<br/>Peshawar</b> | <b>09</b> | 1. Abdul Wali Khan University Mardan<br>2. Univ. of Engineering & Technology Mardan<br>3. The University of Agriculture Peshawar<br>4. Univ. of Engineering & Technology Peshawar<br>5. Islamia College University, Peshawar<br>6. City, University, Peshawar<br>7. CECOS University, Peshawar<br>8. G. I. K. Topi, Swabi<br>9. University of Peshawar | <b>1<sup>st</sup></b> |
| 12. | <b>Handball<br/>Women<br/>22.06.2021</b>                | <b>University<br/>of<br/>Peshawar</b> | <b>09</b> | 1. University of the Punjab<br>2. University of Lahore<br>3. Sarghoda University of Sarghoda<br>4. BZU, Multan<br>5. Superior University, Lahore<br>6. LCWU, Lahore<br>7. Agriculture University Faisalabad<br>8. SBBWU Peshawar<br>9. University of Peshawar  | <b>Participation</b>  |

The Directorate of Sports, University of Peshawar has also organized the sports week of various departments during the year 2020-21.



# Chapter-11

## University Building Leadership

## University Building Leadership











### Introduction

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. Students Societies believe that a true education occurs both inside and outside of the classroom. In Students Societies, we strive to ensure a positive educational and co-curricular experience for all students by concentrating on the out-of-class experiences. Our aim is to build a cohesive and resilient society, deepening the sense of national identity and affinity through promoting arts and heritage, youth engagements, 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 arrange events and activities, and foster experiences that serve to complement academic experiences socially, culturally and emotionally. Our mission is simple, and objective is clear. For every student of University of Peshawar to be better and brighter than they were when they arrived, by putting students at the centre of all we do and with the goal of helping them reach their true potential.

Khyber Literary Club established in 1986 as a pioneer society, got its legal status in 1994 with the decision of the Honourable Supreme Court, whereby an alternate platform was provided to the students to ward them off the undesirable political activities, where they were enslaved by venomous designs of political parties. In the light of this ruling, later on, nine more societies namely Adventure and Hiking Club, Blood Donors Society, Creative art Society, Culture and Dramatic society, Khyber Literary Club, Sport Society, Science Society, Character Building, Social Welfare and Awareness Society, Creative Art Society, Khyber Islamic Cultural Society, International Students Society and National & International Society were established. Today Students Societies comprise of following thirteen societies.

Vice Chancellor and Provost of University of Peshawar are the Chief Patron and Patron respectively of all the Societies. Each society is managed by an Organiser and Co-organiser. Under the overall supervision of a chief organiser, student's 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

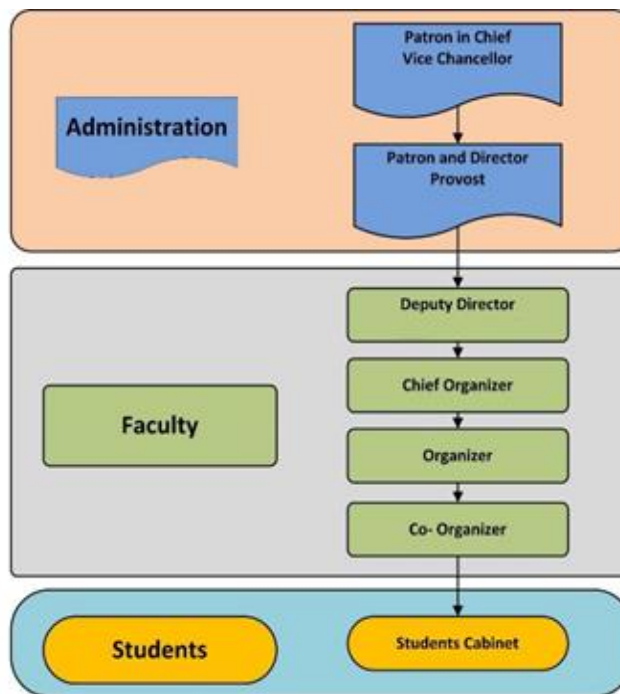


|   |                               |   |    |   |   |
|---|-------------------------------|---|----|---|---|
| 1 | Photo-Video Club              |  | 8  | Khyber Literary Club                                    |  |
| 2 | Adventure/Hiking Club         |  | 9  | Science Society   |  |
| 3 | Blood Donor's Society         |  | 10 | Character Building Social Welfare and Awareness Society |  |
| 4 | Creative Art Society          |  | 11 | Sports Society  |  |
| 5 | Cultural and Dramatic Society |  | 12 | Khyber Islamic and Cultural Society                     |  |
| 6 | Young Women Club              |   | 13 | International Students Society                          |   |
| 7 | Environment Society           |   | 14 | Student's Movement for Green Campus                     |   |

### Aims and Objectives

- ☐ Polish hidden good-qualities of the students
- ☐ Enhance creative potentials of the youth
- ☐ Inculcate a spirit of healthy competition in the students.
- ☐ Induce in them sense of love, sacrifice and service to the entire humanity to make them good human-beings
- ☐ Educate students for all practical ends
- ☐ Prepare students for future challenges in the global context.

## Organizational Structure



### Zonal Allocation

- ❖ **Zone-1:** Starting from Area Study Centre to the Convocation Hall.
- ❖ **Zone-2:** Home Economics, Jinnah College for Women and Department of Fine Arts.
- ❖ **Zone-3:** Department of Psychology, Quaid-e-Azam College of Commerce, IMS, Pashto Academy, Department of Urdu & Persian, Department of Political Science, Department of Economics etc.
- ❖ **Zone-4:** All institutions in Shaikh Taimoor, New Academic Block A and B.

### Structure of Each Cabinet

#### Staff

- ❖ Organiser
- ❖ Co-organiser

#### Students' Cabinet

- ❖ ❖ President Vice President
- ❖ General Secretary
- ❖ Joint Secretary
- ❖ Finance Secretary
- ❖ Media Secretary
  - ❖ Zonal Representatives Four (4)
  - ❖ Public Relation Secretary (male + female)

## **Responsibilities of organisers and co-organisers:**

1. All the persons involved in the Co-curricular activities of University of Peshawar would act according to the “Charter of Students Societies, University of Peshawar”, which would be promulgated in the near future after the approval of the competent authority.
2. The Chief Organiser would act as Chairman of Students Societies.
3. Each Society will be headed by an Organiser and one or two Co-organisers keeping in view the work load and business of a Society.
4. The first and foremost duty of an Organiser is to organize, supervise and look after his or her society.
5. The Co-organiser would assist the Organiser in the day to day business of a Society/Club/Association and act as an Organiser in his/her absence.
6. After the announcement of new membership, the Organiser will enlist his/her respective members from the membership forms and give a copy of the list to the concerned office.
7. He/she would be responsible to select the cabinet members among the members of his/her respective society on merit keeping in view the past experiences, for one year and inform the office within a week. The Organisers would submit the particulars of their respective cabinet members on the prescribed Performa already handed over to them.
8. Organisers would select a person for the cabinet position having one full academic year in a University. No student is eligible for any cabinet position having less than one academic year.
9. He/she would chalk out activities for the Session on Wednesdays.
10. Meeting of the Cabinet, Society can be called only on Wednesday in order to avoid any disturbance in the curricular activities.
11. He/she would be responsible to organize at least two to three mega events.
12. He/she would keep a proper record of the activities.
13. Each Organiser would seek a prior approval from the Provost for an advance amount for any approved activity. The clearance would be made within a week after completing an event.
14. The Central Media Committee has been constituted from the Department of Journalism and Mass Communication under the supervision of a faculty member having a full cabinet. Each media secretary will act as reporter of Central Media Committee.
15. Regular reporting of any activity to the office is the responsibility of an Organiser.
16. Each Organiser through media secretary will send an advance story to Central Media Committee and Protocol Officer. The Central Media Committee, Protocol Officer of University of Peshawar and the respective Media Secretary of a Society would be responsible for reporting and coverage of an event or activity. They will remain in touch with print and electronic media.
17. Any Organiser who does not attend three consecutive official meetings without any valid reason would be relieved from his office/duties.
18. The Organiser once appointed will remain in office for one academic year or till the appointment of a new Organiser. However, he/she can submit his resignation after four months on one month prior notice after his/her appointment if he/she so desires.
19. At least three meetings of Central Organizing Committee would be called in a year on any Wednesday. Emergency meeting of the committee can be called any time if necessary.
20. Inaugural-cum-farewell function would be arranged once in a year for in-coming and out-going cabinets. The Organisers would jointly arrange such a function.
21. Each organiser when required would accompany students or a society on their tour, excursion or any other event. He/she would be entitled to TA/DA permissible under the service rules.
22. For any mega event all the Organisers and cabinet members would collectively shoulder the responsibility.

23. The Organisers would pinpoint the talented students, keep a record and furnish their information to the office of the Deputy Director. To search, encourage and motivate talented students and keep them busy in healthy constructive activities is the main purpose of running the Societies.
24. The Organiser after the end of each session would certify the names of meriting cabinet members or general members for awarding Certificates, Shields and Medals subject to maximum attendance, active participation, excellent performance and meritorious services.
25. The Performance of an Organiser would be judged on the basis of his devotion, excellence in planning, organizing and efficiently administrating multiple activities, motivating students for membership, strength of members, order and discipline, punctuality in meetings and function in his/her society.
26. The proposed honorarium would be paid to all concerned including the Chief Organiser, Organisers and Co-organisers on the pattern of proctorial board subject to the approval of the competent authority for his/her additional duties. No person can join two Societies or hold two positions in a Society. However, he/she can join on honorary basis for which he/she would be unable to claim additional honorarium. Simply, a person would be paid honorarium for a single position.

### **The Central Organizing Committee:**

1. The Central Organizing Committee will include the Provost, Deputy Directors, Chief Organiser, Organisers, Presidents and General Secretaries, Organisers and President of Central Media Committee, Photographer, Multimedia Operator and Sound System Operator.
2. At least three meetings in a year would be called to review the work of societies and suggest ways and means for the betterment of the students. Emergency meeting can be called any time if necessary.
3. The Provost would act as a Chairman of the Committee. In his absence the Deputy Director would Chair the meeting.

### **Responsibilities of cabinet members:**

1. There shall be a cabinet for each society headed by the President.
2. Recommending the nominees for various portfolios for the cabinet is the responsibility of the Organizer.
3. No person is eligible for any cabinet position having less than one Academic year or study courses in a University.
4. The whole Cabinet would work collectively as a single body for a society.
5. The Cabinet Members would perform their duties mentioned in the “Charter of Students Societies, University of Peshawar”.
6. The cabinet members would perform their duties for Academic year or till the appointment of a new cabinet.
7. No person can join the cabinet membership of two Societies or two positions in a Society.
8. Eighty percent attendance in meetings and functions is required for cabinet members for award of certificates.
9. Ten percent concession in attendance will be given to the active participants in their respective academic institutions, Colleges, Departments and Centres.
10. Any member of the cabinet can be removed any time for misbehaviour, using un-parliamentary language or violating the rules and Charter.

11. The President of a society would be responsible to manage the activities or function of his/her society. He/she will be responsible to his/her Organiser, to chalk out the activities and follow the activities of the academic calendar.
12. The Vice President will act as President in the absence of President.
13. The General Secretary would keep a proper record of all activities, attendance of the cabinet and general members, minutes of the meetings and keep vigilance on the activities. The General Secretary of a society would submit a copy of attendance to the Deputy Director on the prescribed Performa already provided to them.
14. The Joint Secretary will perform the duties of General Secretary in the absence of General Secretary.
15. The Finance Secretary would be responsible for financial matters of a society and prepare a case in advance for any activity. He/she will also be responsible to clear the dues within a week.
16. The Media Secretary of each society will act as a reporter of Central Media Committee. He/she would send an advance story to Central Media Committee, Protocol officer, Print and Electronic Media on regular basis. He/she will keep a proper record of reports and share a copy of the report to the office. He/she will also be responsible for quarterly issue of his/her society with the collaboration of cabinet members and organizers.
17. The Public Relation Secretary (Male and Female) will be responsible for designing, printing and distribution of invitation cards. They must have a list and contact number of invitees, faculty members, Administrative Heads and key persons in Public and private sector. They will chalk out the program of their society in advance with mutual consultation of Organizer and cabinet members.
18. The four Zonal Representatives will be responsible to distribute/administer any letter, information, invitation, circular or any task given by the society in their respective zones and recollect the information or get feedback from their zones.

#### **10% Concession in attendance**

The Provost Office, University of Peshawar, has been authorized by the Vice Chancellor to grant relaxation maximum to 10% in attendance for active members of the Students Societies. While granting this concession, it is requested that following rules be strictly observed:

1. The application must be forwarded by the President of the Society duly attested by the head of the institute/department where the concerned applicant is enrolled.
2. Application must be signed and stamped by the concerned Organiser of the Society and forwarded to the Provost office with comments.
3. The name of the applicant must be listed in the membership list maintained by the office of the Students' Societies.
4. Relaxation to the maximum of 10% shall be determined by the applicant's attendance out of total number of meetings and functions of the concerned society.

$$R\% = \frac{A}{N} \times 10$$

R% = Relaxation%

A = Attendance of student in Societies activities

N = Total number of meetings and functions of the concerned society

#### **List of Event Organised by Students Societies during 2020-21.**

Despite the fact that the country has experienced three waves of COVID-19 in 2020-21. The nation's first wave of COVID-19 began in late May 2020, peaked in mid-June. The second wave was started in early November 2020, culminating in the country's second wave. The third wave peaked in late April 2021, which mainly affected the provinces of Punjab and Khyber Pakhtunkhwa. These three waves of COVID-19 badly affected the student's Societies activities and 2020-2021 was a not a very busy year as



for as the student societies activities are concerned. However, the following are the detail of the workshop/seminars organized by Students' Society, University of Peshawar in 2020-21 in collaboration with various organizations.

1. Youm-e-Hussain "**Hussain Ba-onwan Hussain Safinat-ul-Nijat**" at 14.10.2020  
Agha Khan Auditorium, UoP
2. Debate & Essay Competition in accordance With 27<sup>th</sup> October, 2020 - 27.10.2020  
Kashmir Black Day
3. Lectures on Seerat-Un-Nabi (S.A.W.W) at different departments of  
University of Peshawar with the following detail from 9:30 to 10:30 am:
  - Department of Pakistan Studies & Area Study Center 12.11.2020
  - Law College 19.11.2020
  - Department of Geography 26.11.2020
  - Department of Library & Information Science 03.12.2020
  - Department of International Relations 10.12.2020
  - Department of Sociology 17.12.2020
4. Distribution of Certificates to the Cabinet of Environment Society 10.02.2021  
University of Peshawar
5. Cleanliness, Beautification & Plantation Drive at Bara Gali Summer 11-14.03.2021  
Campus



## **One Day Seminar on “Youm-E-Hussain Ba-Onwan Hussain Safinat-Ul-Nijat” October, 14, 2020**

The Khyber Islamic Cultural Society, Student's Societies University of Peshawar has organized one day seminar on “**Youm-e-Hussain Ba-onwan Hussain Safinat-ul-Nijat**” on 14<sup>th</sup> October 2020 at Agha Khan Auditorium, University of Peshawar. As per directives of the Provost, University of Peshawar, a coordination committee is constituted comprising the following:

1. **Prof. Dr. Kaniz Fatima**, College of Home Economics, University of Peshawar
2. **Dr. Basharat Hussain**, Chairman, Department of Criminology, University of Peshawar
3. **Mr. Ali Imran Bangash**, Assistant Professor, Department of Journalism & Mass Communication, University of Peshawar
4. **Dr. Ahmad Saeed Jan**, (Organizer Khyber Islamic Cultural Society), Assistant Professor, Department of Arabic, University of Peshawar

The honourable Speakers of the event were:

1. Allama Amin Shaheedi, (Sarbarah Ummat-e-Wahida)
2. Allama Irshad Khalil, (Imam Kocha-e-Risaldar)
3. Dr. Rashid Ahmad, Associate Professor, SZIC, UOP
4. Prof. Dr. Muhammad Salim, Chairman, Department of Islamiyat, University of Peshawar

## **Debate & essay competition in accordance with “27<sup>th</sup> October, 2020 - kashmir black day”**

The Khyber Literary Club, University of Peshawar has organized a Debate & Essay Competition in accordance With 27<sup>th</sup> October, 2020 - Kashmir Black Day”. Though according to the SOPs chalked out by the University of Peshawar no such event or gathering can be organized. However, the event was organized online and the student's submitted a three minutes video clip of their speech or essay to the Student Societies, University of Peshawar which was evaluated by the panel of experts / judges and prizes /shields were awarded in Provost Office on 27.10.2020 from 10:30 AM to 11:30 AM. The organiser and Co-organiser of KLC Dr. Wali Muhammad and Dr. Owais Qarni were present at the moment.

The honourable Provost, University of Peshawar Dr. Fazal Sher was the chief guest at the occasion. He distributed shield and certificates among the winners and participants. In his presidential he stressed upon the need of organising such extra curriculum activities. He also condemn the Indian atrocities in Indian occupied Kashmir.



**Glimpses of Kashmir Black Day event held at Student Societies, Provost Office**

## Lectures on seerat-un-nabi (s.a.w.w) at different departments of University of Peshawar.

To promote Islamic ethics and character building, the Khyber Islamic Cultural Society, University of Peshawar has organized a series of lectures on “Seerat-un-Nabi (S.A.W.W)” at different Departments of University of Peshawar with the following details:

| S.No. | Date       | Day      | Department / Institute /                           | Timing         |
|-------|------------|----------|--|----------------|
| 1.    | 12.11.2020 | Thursday | Department of Pakistan Studies & Area Study Centre | 09:30 to 10:30 |
| 2.    | 19.11.2020 | Thursday | Law College  | 09:30 to 10:30 |
| 3.    | 26.11.2020 | Thursday | Department of Geography                            | 09:30 to 10:30 |
| 4.    | 03.12.2020 | Thursday | Department of Library & Information Sciences.      | 09:30 to 10:30 |
| 5.    | 10.12.2020 | Thursday | Department of International Relations              | 09:30 to 10:30 |
| 6.    | 17.12.2020 | Thursday | Department of Sociology                            | 09:30 to 10:30 |

The speaker of the event was Dr. Ahmad Saeed, Assistant Professor, Department of Arabic and Organizer of Khyber Islamic Cultural Society, University of Peshawar.



## **Certificates Distribution Ceremony for the Cabinet of Environment Society University of Peshawar.**

The Environment Society is one of the 14<sup>th</sup> students societies, established in 2018. The environment society is actively working for spreading awareness among the students regarding climate change and its impacts. The organizer of the Environment Society, is Dr. Asif Khan Assistant Professor Department of Environmental Sciences. A ceremony for distribution of certificates among the Cabinet Members of the society was organised on 10 February 2021 in Students Societies Office (Provost Office). The Chief Guest was Prof. Dr. Muhammad Idrees, the Honourable Vice Chancellor, University of Peshawar, but due to his busy schedule he couldn't grace the occasion. The Provost University of Peshawar Dr. Fazal Sher distributed certificates and Shields among the cabinet members and organisers.

## **Cleanliness & Plantation Drive At Bara Gali Summer Campus 18<sup>th</sup> to 21<sup>st</sup> March, 2021**

Government of Pakistan is committed to improve the environment, it has launched a massive 1 billion tree plantation drive across the country and is working on preserving the natural forests and other resources. Keeping in view, with the approval of worthy Vice Chancellor, University of Peshawar, a Cleanliness and tree plantation activity was organized from 18<sup>th</sup> to 21<sup>st</sup> March 2021.

Every year the students Societies University of Peshawar participate in Bara Gali Cleanliness and Beatification Program. This year this event was jointly organized by Students Societies University of Peshawar in collaboration with Northern Forest Region II, Forest Department Khyber Pakhtunkhwa. From Students Societies UoP the cabinet members of Character Building, Social Welfare and Awareness society, Environment Society and Blood Donor Society university of Peshawar participated in the event. The Highlight of the program was the collection of garbage from the Bara Gali summer Camp, donation of dustbin as well as plantation of 500 pine sapling in the campus. This year 60 students from various department of UOP participated in the event. The Provost UoP Mr. Fazal Sher and Deputy Director Student Societies Dr. M. Jamal Nasir, Dr. Asif Khan Khattak, organizer Environment Society. Dr. Wali Muhammad organizer and Dr. Awais Qarni Co-organizer Khyber Literary Club accompanied the student to Baragali. The Aim of this event was to create awareness among the students about the preservation of our natural resources and environmental degradation because of improper garbage disposal in the mountainous areas generally and in Bara Gali specifically.



This was a wonderful initiative, in which the students and staff members enthusiastically participated. The worthy Vice Chancellor, UoP, was invited to inaugurate the event but due to his busy schedule he regretted. Therefore, Provost UoP Mr. Fazal Sher, Chief Conservator of Forest, Northern Forest Region-II, Azhar Ali Khan and Mr. Tahir Khan, Chairman Federation of All Pakistan, Public Sector Universities, Administrative Officers Association (FAPPUAOA) inaugurated the event by planting a tree in front of Baragali camp office and lawn of Vice Chancellor House. After the inauguration, the students and staff planted more than 400 sapling of pine in the parking lot, Children Park and various appropriate areas within Baragali Summer Camp of University of Peshawar.

As mentioned earlier that this activity was organized by Students Societies UoP in collaboration of community Services Program and Northern Forest Region-II, KP forest Department. Therefore, I will take this opportunity to thanks and acknowledge the corporation and assistance received from Dr. Shakil Ahmad Director Community Services Program, University of Peshawar for financial support and Mr. Attaullah Khan Ranger Officer Mohmand district, Forest department Khyber Pakhtunkhwa for the provision of Pine plants.

I am also thankful to Dr. Shuja Ahmad Coordinator Baragali Summer Camp for providing accommodation. Last but not the least Mr. Fazal Sher Provost University of Peshawar for not only conceiving the idea of plantation but also for accompanying and constant encouragements.

#### **List of students participated in “Cleanliness and Plantation Drive” Bara Gali Summer Camp**

| S.No | Name                 | Semester                 | Department           |
|------|----------------------|--------------------------|----------------------|
| 1.   | Faheem               | 7 <sup>th</sup> Semester | Urdu Department      |
| 2.   | Noman                | 7 <sup>th</sup> Semester | Urdu Department      |
| 3.   | Aqeel Ahmad Shah     | 5 <sup>th</sup> Semester | Urdu Department      |
| 4.   | Ihtisham ul Haq      | 5 <sup>th</sup> Semester | Urdu Department      |
| 5.   | Zakir Hussain        | 5 <sup>th</sup> Semester | Geology Department   |
| 6.   | Asad Khan            | 5 <sup>th</sup> Semester | Geology Department   |
| 7.   | Saif Ullah           | 5 <sup>th</sup> Semester | Geology Department   |
| 8.   | Asfandyar Khan       | 5 <sup>th</sup> Semester | Economics Department |
| 9.   | Muhammad Abbad Jehan | 5 <sup>th</sup> Semester | Law College          |
| 10.  | Muhammad Umar        | 5 <sup>th</sup> Semester | Law College          |
| 11.  | Abid Khattak         | 5 <sup>th</sup> Semester | Law College          |
| 12.  | Musbashar Ahmad      | 5 <sup>th</sup> Semester | Law College          |
| 13.  | M. Qasim Khan        | 7 <sup>th</sup> Semester | Geography Department |
| 14.  | Faizan Bahadur       | 7 <sup>th</sup> Semester | Geography Department |
| 15.  | Akram Khan           | 7 <sup>th</sup> Semester | Geography Department |
| 16.  | Hidayat Ullah        | 7 <sup>th</sup> Semester | Geography Department |



|     |                 |                          |                        |
|-----|-----------------|--------------------------|------------------------|
| 17. | M. Waheed       | M.sc Final               | Geography Department   |
| 18. | Daud Khan       | M.sc Final               | Geography Department   |
| 19. | Fazal Rehman    | M.sc Final               | Geography Department   |
| 20. | Hafeez          | M.sc Final               | Geography Department   |
| 21. | Abbad Shah      | M.sc Final               | Geography Department   |
| 22. | Mouzam          | M.sc Final               | Geography Department   |
| 23. | M. Fawad        | M.sc Final               | Geography Department   |
| 24. | Farman Ullah    | M.sc Final               | Geography Department   |
| 25. | Mohib Ullah     | 7 <sup>th</sup> Semester | Environmental Science  |
| 26. | Zarak           | 5 <sup>th</sup> Semester | Environmental Science  |
| 27. | Laiba           | 5 <sup>th</sup> Semester | Environmental Science  |
| 28. | Minaa           | 5 <sup>th</sup> Semester | Environmental Science  |
| 29. | Mahnoor Bukhari | 5 <sup>th</sup> Semester | Environmental Science  |
| 30. | Abira           | 5 <sup>th</sup> Semester | Environmental Science  |
| 31. | Aizaz Khan      | 5 <sup>th</sup> Semester | Environmental Science  |
| 32. | Nimra           | 7 <sup>th</sup> Semester | Environmental Science  |
| 33. | Mehran Khan     | 7 <sup>th</sup> Semester | Environmental Science  |
| 34. | Mukkaram        | 5 <sup>th</sup> Semester | Environmental Science  |
| 35. | Atif            | 7 <sup>th</sup> Semester | Environmental Science  |
| 36. | Amar            | 5 <sup>th</sup> Semester | Environmental Science  |
| 37. | Muhammad Arif   | 3 <sup>rd</sup> Semester | Environmental Science  |
| 38. | Imran           | 7 <sup>th</sup> Semester | COBAM                  |
| 39. | Fahad           | 7 <sup>th</sup> Semester | COBAM                  |
| 40. | Zeeshan         | M. Phil                  | Geography Department   |
| 41. | Waqar Akhtar    | M. Phil                  | Geography Department   |
| 42. | Waqas           | M. Phil                  | Geography Department   |
| 43. | Ujala Kiran     | M. Phil                  | Geography Department   |
| 44. | Zahida Akhtar   | M. Phil                  | Geography Department   |
| 45. | Rahman Badshah  | 3 <sup>rd</sup> Semester | Electronics Department |
| 46. | Huzaiifa        | 5 <sup>th</sup> Semester | URP                    |

## Bara Gali Summer Campus



Glimpses of Baragali Cleanliness Campaign organised by Students Societies University of Peshawar







Plantation Ceremony



Cleanliness activity at Bara Gali Summar Campus





Group Photo of Participants of Cleanliness & Plantation Drive at Bara Gali Summer Campus 18<sup>th</sup> to 21<sup>st</sup> March 2021 with Provost University of Peshawar, Dr. Fazal Sher and Organiser of Khyber Literary Club University of Peshawar.



Mr. Azhar Ali Khan Chief Conservator of Forest presenting shield to Dr. Fazal Sher



Dr. Fazal Sher presenting shield to Mr. Azhar Ali Khan, Chief Conservator of Forest NR II.

### **List of Academic Events for the Year 2021**

| S# | Organization   | Title of Event  | Arrival        | Departure      |
|----|--|---|----------------|----------------|
| 1. | The Department of Social Anthropology, University of Peshawar  | National Youth Conference   | March 23, 2021 | March 27, 2021 |
| 2. | Peshawar University Campus Librarian Association (PUCLA)       | 05 <sup>th</sup> Conference on “Role of Libraries & Information Centers during COVID 19 Pandemic” | June 10, 2021  | June 13, 2021  |
| 3. | Center for Human Resource and Career Development (CHRCDD), UOP | Comprehensive Training Program for Faculty and Non-Faculty  | June 13, 2021  | June 27, 2021  |
| 4. | SPARC  | Training Workshop   | June 15, 2021  | June 19, 2021  |
| 5. | Department of Geography, UOP                                   | National Conferences on “Nexus of Climate Change, Hydro-Geography and Agriculture”                | June 21, 2021  | June 24, 2021  |
| 6. | Department of Art & Design, UOP                                | Painting Workshop   | June 26, 2021  | June 30, 2021  |



|     |  |   |                    |                                 |
|-----|--|---|--------------------|---------------------------------|
| 7.  | Pakistan Council of World Religions (PCWR)                   | Residential Workshops on Climate Change                                     | July 06, 2021      | July 09, 2021                   |
| 8.  | Pakistan Council of World Religions (PCWR)                   | Residential Workshops on Climate Change                                     | July 27, 2021      | July 30, 2021                   |
| 9.  | The Asia Foundation+ CM Office                               | Training Workshops on “Tourism Ambassador Program”                          | July 27, 2021      | September 03, 2021              |
| 10. | Taleem Dost Consultants                                      | 3-day Teachers’ Training Camp on “21 <sup>st</sup> Century Teaching Skills” | July 30, 2021      | August 01 <sup>st</sup> , 2021  |
| 11. | Central Library, UOP   | National Conference on “Modern Trends in Library Management”                | August 05, 2021    | August 08, 2021                 |
| 12. | Center for Human Resource and Career Development (CHRC), UOP | 02 Weeks Special Course on Systematic Methodology on Research & Development | August 03, 2021    | August 13, 2021                 |
| 13. | Pakistan Study Center, UOP                                   | Training Workshop   | August 28, 2021    | August 31 <sup>st</sup> , 2021  |
| 14. | Study Aid Foundation for Excellence (SAFE)                   | National Youth Conference   | September 02, 2021 | September 05, 2021              |
| 15. | Department of Political Science, UOP                         | International Summer School   | September 22, 2021 | October 01 <sup>st</sup> , 2021 |
| 16. | College of Home Economics                                    | Training Workshop   | September 30, 2021 | October 03, 2021                |
| 17. | Pakistan Services Academy, Lahore                            | Training Workshop   | October 08, 2021   | October 12, 2021                |
| 18. | Inst. Of Management Studies, UOP                             | KP Youth Business Plan Competition 2021                                     | October 22, 2021   | October 24, 2021                |
| 19. | Dept. of Criminology, UOP                                    | Youth Empowerment and Leadership Development Conference                     | October 28, 2021   | October 31 <sup>st</sup> , 2021 |
| 20. | ILM Foundation, Lahore                                       | Train to Train the Youngsters   | November 25, 2021  | November 28, 2021               |

# Chapter-12

## FINANCE

## Recurring Budget

### SUMMARISED BUDGET PROFILE

#### Actual 2018-19 Estimates & Revised Estimates FY 2019-20 & Budget Estimates FY 2020-21

| Particulars  |  | 2019-20<br>(Actual) | CFY 2020-21        |                        |                      | 2021-22<br>(Budget<br>Estimates) |
|--|--|---------------------|--------------------|------------------------|----------------------|----------------------------------|
|  |  |                     | Approved<br>Budget | Actual for<br>9 months | Revised<br>Estimates |                                  |
| <b>1. Opening Balance:</b>                               |  |                     |                    |                        |                      |                                  |
| <b>2. Total Grants &amp; Donations [a - f]</b>           |  | <b>1,611.472</b>    | <b>2,039.212</b>   | <b>1,327.804</b>       | <b>2,127.535</b>     | <b>1,725.464</b>                 |
| a.   | Federal Government (Annual)  | 1,250.589           | 1,333.414          | 1,107.793              | 1,315.504            | 1,359.450                        |
| b.   | Grant for Tenure Track Faculty                                       | 59.364              | 53.722             | 35.011                 | 53.722               | 55.769                           |
| c.   | Fund for HEC Need Based Scholarship                                  | 51.327              | 51.327             |                        | 69.237               | 71.550                           |
| d.   | Provincial Govt. Grant   | 100.000             | 150.000            | 185.000                | 435.000              | 238.695                          |
| e.   | Supplementary / Additional Grant ( for outstanding Pension payments) | 150.192             | 200.749            |                        | 250.000              |                                  |
| f.   | Financial Support on account Lock-drown due to COVID-19              |                     | 250.000            |                        |                      |                                  |
| g.   | <b>Library Support Grant</b>   |                     |                    |                        | 4.072                |                                  |
| <b>3 (i) Students Related Income [3(i) a - 3(i) e]</b>   |  | <b>1,297.820</b>    | <b>1,681.40</b>    | <b>1,042.80</b>        | <b>1,100.80</b>      | <b>1,849.535</b>                 |
|  | <i>Tuition Fees</i>  | 361.604             | 373.340            | 338.583                | 350.000              | 410.674                          |
|  | <i>All Other Fees</i>  | 823.851             | 1,200.903          | 655.672                | 669.057              | 1,320.993                        |
|  | <i>Hostel / User Charges, etc.</i>                                   | 112.365             | 107.152            | 48.545                 | 81.738               | 117.867                          |
| a.   | <b>On Campus Students (sub-total)</b>                                | <b>1,297.82</b>     | <b>1,681.40</b>    | <b>1,042.80</b>        | <b>1,100.80</b>      | <b>1,849.53</b>                  |
| <b>3 (ii) Other Venues of Income [3(ii) a - 3(ii) f]</b> |  | <b>199.418</b>      | <b>250.887</b>     | <b>158.991</b>         | <b>250.887</b>       | <b>305.476</b>                   |
| a.   | Income from Collaborative and Contract Research                      | 1.627               | 10.000             | 0.102                  | 10.000               | 40.500                           |
| b.   | Income from Consultancy & Testing                                    |                     | 5.000              | -                      | 5.000                | 5.500                            |
| f.   | Any Other Income   | 197.791             | 235.887            | 158.889                | 235.887              | 259.476                          |
| <b>3 (iii) Receipts from Investments</b>                 |  | <b>548.027</b>      | <b>100.00</b>      | <b>71.250</b>          | <b>81.75</b>         | <b>50.00</b>                     |
| <b>3 (iv) Departmental Fund</b>                          |  |                     |                    | <b>1.000</b>           | <b>1.000</b>         | <b>50.00</b>                     |
| <b>3. Total Own Resources</b>                            |  | <b>2,045.265</b>    | <b>2,032.282</b>   | <b>1,274.041</b>       | <b>1,434.432</b>     | <b>2,255.010</b>                 |
| <b>A. Total Available Resources [1+2+3]</b>              |  | <b>3,656.737</b>    | <b>4,071.494</b>   | <b>2,601.845</b>       | <b>3,561.967</b>     | <b>3,980.474</b>                 |
| <b>4. Expenditure Break-up:</b>                          |  | <b>3,424.323</b>    | <b>4,291.763</b>   | <b>2,487.290</b>       | <b>3,605.297</b>     | <b>4,204.401</b>                 |
| a.   | Faculty Salary   | 778.203             | 1,058.293          | 563.398                | 747.869              | 952.033                          |
| b.   | TTS Faculty Salary/ Gratuity   | 95.283              | 97.199             | 75.034                 | 96.107               | 97.889                           |
| c.   | Salary of Officers & Staff -Teaching Departments                     | 233.213             | 367.312            | 281.266                | 358.930              | 384.315                          |
| d.   | Salary of Officers & staff -All Non-Teaching Departt:                | 547.716             | 615.118            | 322.743                | 448.435              | 598.602                          |
| e.   | Other Establishment Charges  | 160.382             | 151.953            | 47.660                 | 85.141               | 93.655                           |
| f.   | Pension (Employees Retirement Benefits)                              | 950.805             | 1,103.049          | 759.191                | 1,008.972            | 1,119.847                        |
| g.   | Other Non Salary Expenses / Other Charges                            | 561.561             | 727.847            | 396.545                | 658.618              | 740.456                          |

|  |   |                  |                  |                  |                  |                    |
|--|---|------------------|------------------|------------------|------------------|--------------------|
| h.   | Research  | 22.682           | 45.681           | 1.861            | 34.071           | 45.471             |
| i.   | Financial Assistance/ Scholarships/Refunds          | 52.741           | 77.311           | 12.262           | 97.782           | 100.133            |
| j.   | Safe & Smart University / PERN                      | 21.671           | 47.000           | 27.270           | 65.000           | 71.500             |
| k.   | <b>Library Expenses / Library Support Grant</b>     | 0.066            | 1.000            | 0.060            | 4.372            | 0.500              |
| <b>5. Total Establishment Charges [4 a to e ]</b>    |   | 1,814.797        | 2,289.875        | 1,290.101        | 1,736.482        | 2,126.493          |
| <b>6. Total Non Salary Expenses [4 f to h ]</b>      |   | 1,609.526        | 2,001.888        | 1,197.189        | 1,868.815        | 2,077.908          |
| <b>B. Total Expenditures [ 5 + 6 ]</b>               |   | 3,424.323        | 4,291.763        | 2,487.290        | 3,605.297        | 4,204.401          |
| <b>C. Surplus / Deficit [A - B]</b>                  |   | 232.414          | (220.269)        | 114.555          | (43.330)         | (223.927)          |
| <b>Balances brought forward</b>                      |   | <b>(437.777)</b> | <b>(342.006)</b> | <b>(342.006)</b> | <b>(342.006)</b> | <b>(619.423)</b>   |
| <b>Cumulative Surplus / Deficit</b>                  |   | <b>(205.363)</b> | <b>(562.275)</b> | <b>(227.451)</b> | <b>(385.336)</b> | <b>(843.349)</b>   |
| <b>School Budget</b>                                 |   |                  |                  |                  |                  |                    |
| 1  | Receipts  | 38.536           | 47.604           | 47.792           | 47.604           | 76.632             |
| 2  | Contribution from Class III & IV Empolyees UOP      | 2.240            | 2.783            | 2.026            | 2.783            | 3.061              |
| 3  | Expenditure   | 177.417          | 233.168          | 128.121          | 284.473          | 318.389            |
|  | <b>Deficit (1+2-3)</b>                              | <b>(136.641)</b> | <b>(182.781)</b> | <b>(78.303)</b>  | <b>(234.086)</b> | <b>(238.695)</b>   |
|  | <b>Total (Deficit) with School</b>                  | <b>(342.004)</b> | <b>(745.056)</b> | <b>(305.754)</b> | <b>(619.423)</b> | <b>(1,082.044)</b> |
| <b>D.</b>  | <b>Approved Budget</b>                              |                  | 4,524.931        |                  |                  |                    |
| <b>E.</b>  | <b>Impact of Vacant Posts Included in Estimates</b> |                  |                  |                  |                  | 229.569            |
| <b>F.</b>  | <b>Impact of Planned Hiring during the Year</b>     |                  |                  |                  |                  | 4.797              |
| <b>G.</b>  | <b>Incremental impact of filled posts - Annual</b>  |                  | 21.052           |                  |                  | 22.740             |
| <b>* Impact of 10% increase in Salary</b>            |   | 141.665          |                  |                  |                  |                    |
| <b>* Impact of 20% increase in Salary (BPS 2-19)</b> |   | 122.286          |                  |                  |                  |                    |
| <b>* Impact of 7% increase in House Rent</b>         |   | 31.068           |                  |                  |                  |                    |
| <b>* Impact of 10% increase in Pension</b>           |   | 80.000           |                  |                  |                  |                    |
| <b>Total</b>   |   | <b>375.018</b>   |                  |                  |                  |                    |

# 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 2020-21 with effect from 01-07-2020 to 30-09-2021.**

**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 there under through various bodies, called authorities. The University Authorities may be classified in two broad Groups:

### 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 2020-21, the meeting of Senate was held on 8<sup>th</sup> Mach 2021 and 28<sup>th</sup> June 2021.

### 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 2020-21.

- Meeting No. 434: 6<sup>th</sup> Fbruary, 2021, Meeting No 435: 29<sup>th</sup> May, 2021. Meeing No 436: 18<sup>th</sup> June, 2021(Emergency).

### 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 18<sup>th</sup> January 2021.

#### 4. Selection Board:

The Selection Board considers the applications received in response to advertisements 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 2020-21, no Selection Board meeting was convened in the entire period.

#### 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 to the planning, development, finances, investments and accounts of the University. The meeting of the Finance and Planning Committee was held on 13<sup>th</sup> April 2021.

#### 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.



Vice Chancellor Prof Dr Muhammad Idrees hoists the national flag during a ceremony to mark the country's Independence Day at University of Peshawar. Pro Vice Chancellor Prof Dr Muhammad Abid, Registrar, Deans, Administrative & Departmental heads, Students and kids also participated.

# Chapter-14

## Health Centre / Medical Facilities

## Medical Facilities



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

University Health Centre is a constituent part of the University, established in 1961 in the premises of University Campus with the aim to provide door step health facilities on the Campus. The Centre provides out-patient health facilities to the employees, their families and children as well as to the female students of the departments, institutes, research centres, colleges, schools etc. of the University as well as to other sister universities situated on the campus which includes Islamia College University, Engineering University, Agriculture University, Medical College, Dental College, etc. Further, in case of emergency, the patients are also examined at their place of residence/ incident. Moreover, ambulance facility is also available at the campus.

One of the main responsibilities of the Centre is to furnish medical reports which are required by the University for processing medical re-imbursement cases of the employees and their families. 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 a member) is considered as official report, which highlights medical aspects of the case, and facilitates the University Authorities in decision making. Moreover, 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. **Status 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 on the campus visit 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 is also available for Ante-Natal patients.

### 5. **Deliveries**

All ante - natal and post-natal checkup are done, however, deliveries are not attended at the Centre. 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 who are deputed by Health Department, Khyber Pakhtunkhwa 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 complicated cases the patients are referred to hospitals like Khyber Teaching Hospital etc. Injections and drips prescribed by private doctors are not entertained because of complication i.e. reactions etc. Only those injections are entertained which are prescribed by the Doctor of University Health Centre.

## **9. Minor Tests**

Bl Sugar, Pregnancy Test, Urine for Sugar and Albumin, Ultrasound are offered only to ante-natal patients.

## **10. Medicine**

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

## **11. Certificates**

Different health related certificates are required to the staff of the University which is provided by this Centre, some of which are:

- 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 the 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 the University employees.

## **13. Budget for Financial Year 2020-21**

The University has granted Rs.1,00,000/- (One lac) as contingency amount to the University Health Centre for the financial year 2020-21.

## Counselling for Stress Reduction at Department of Psychology

### **Psychotherapy, Counselling and Speech therapy Services:**

In order to live a happy and healthy life, we need not just to take care of our physical health but emotional health as well. Due to environmental demands, all of us experience stress in some form in our life, it can be related to studies, job, family, and society. Stress is one of the biggest cause of physical and mental disorders. Keeping in view these problems, Department of Psychology, University of Peshawar established, a Psychology Clinic in 2010. Professor Dr. Erum Irshad is the incharge of Psychology Clinic since its establishment. The Psychology Clinic is providing services to students, teachers and general public. The services of the clinic include assessment, treatment of stress, anxiety, depression and other mild and severe mental disorders. In November 2015, Competence and Trauma Centre was established by Professor Dr. Erum Irshad in collaboration with Journalism Department, University of Peshawar which was funded by Deutsche Well (DW) Academy, Germany. The objective of the centre was to provide assistance and psychological help to journalists and media personnel. The Department further extended the clinical services by establishing Speech Therapy Unit in 2012 which is providing treatment for speech and language disorders. Besides, the Department started one year diploma in speech and language therapy. Further the department is also providing consultation service to community on volunteer basis wherever there is need of crises intervention. The treatment unit for “Autistic Children” was inaugurated on 10<sup>th</sup> October, 2021 which is providing clinical, occupational and speech services to autistic children. Department also arranged for online consultation during covid 19 pandemic. In April 2021 the Department started one year specialization in Forensic psychology. The Department recently started working on the Project in collaboration of GIZ Germany for psychological and social wellbeing of host communities during covid 19 pandemic.

The Department collaboration with Social welfare Department. Last year provided assessment, counseling and Psychotherapy services to all residents of women crisis cell Peshawar.

Signed MOU with engineering universities. Providing psychological services and conducted workshops for them on stress management, Drug addiction management and suicide prevention.











# UNIVERSITY OF PESHAWAR



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