



ANNUAL REPORT

2014-15

Higher Education Commission, Pakistan

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HEC Mission

To Facilitate Institutions
of Higher Learning to
Serve as an Engine of
Socio-Economic
Development of
Pakistan.



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Executive Summary

Indeed, prosperity of a nation hinges upon its tertiary education rate. This reinforces the undeniable fact that uplift of higher education sector in any country guarantees progress. In the light of its well-defined obligation and noble cause of spreading the light of higher education in Pakistan, the Higher Education Commission (HEC) is leaping ahead with its endeavours focusing on a visible growth in a plethora of dimensions of tertiary education.

During 2014-15, HEC planned, initiated and accomplished various projects focusing its main concerns ranging from capacity building of existing institutions and faculty, faculty development, equitable access, quality, governance and infrastructural development to enhanced research and innovation, national and international collaboration, and development of qualified human capital.

In the Fiscal Year 2014-15, the government released Rs. 24551.344 million for execution of 192 development projects of universities and HEC, which included 15 projects for Balochistan costing Rs. 3,206.368 million.

Almost 40 per cent of HEC funds are specified for human resource development every year. Amidst a large number of initiatives, HEC formed National Scholarship Management Committee to oversee the implementation of scholarship programmes. It implemented 22 scholarship programmes of a total of 26,987 scholarships. Of which, 193 Overseas Scholarships were awarded in the said financial year, while 89 scholars returned to Pakistan after completion of their degrees. About 1530 scholars completed their PhD degrees under Overseas Scholarship Scheme for PhD in Selected Fields (Phase-I and II), while 57 scholars completed PhD under the Human Resource Development Initiative-MS Leading to PhD Programme of Faculty Development for Universities of Engineering Sciences and Technology of Pakistani Universities of Engineering and Technology. Thirty seven scholars were awarded financial support under the HEC initiative titled, 'Partial Support for PhD Studies Abroad'.

As for Indigenous Scholarships, 421 scholars completed PhD under the Indigenous PhD Fellowship for 5000 Scholars (Phase I and II). Two hundred and thirty Need-based Scholarships were granted to students apart from award of 197 scholarships under French Need-based Programme and 429 scholarships under German Need-based Programme. Likewise, 10 post-doctoral fellowships were awarded. And, a total of 25,874 students benefited from Prime Minister's Fee Reimbursement Scheme for Less Developed Areas.

Promoting a research culture in the country, HEC executed the International Research Support Programme from which 402 students benefited in the said year. Eight new Offices of Research, Innovation and Commercialisation (ORICs) and five new Business Incubation Centres (BICs) were set up in 2014-15 taking the number of already functional ORICs and BICs to 44 and 18 respectively. Thirty companies were incubated in the BICs in this period. Furthermore, 1246 research projects have been carried out since 2002 under National Research Programme for Universities. Under the University Faculty Startup Research Grant Programme, 300 research projects worth Rs. 150 million were funded. In the same direction, HEC awarded 27 HEC Outstanding Research Awards. So far, 161 awards have been conferred since 2009.

HEC follows no-compromise policy to ensure quality higher education. Among other measures for this purpose, it set up as many as 31 QECs in higher education institutions, taking the total number of QECs to 147 till June 2015. Qualitative assessment of 116 QECs was also carried out. Five more programme accreditation councils have been set up and QAA-HEC conducted 11 workshops for programme evaluators. Besides, QAA reviewed 43 MS/ MPhil and equivalent programmes of various universities in addition to 225 PhD programmes of 31 universities till June 2015.

HEC has initiated Distinguished National Professors Programme aiming to acknowledge the services of eminent professors serving in specialised fields. Following this track, 503 PhDs were placed as Assistant Professors in higher education institutions across Pakistan under the Interim Placement of Fresh PhDs Programme. Around 13,292 faculty members and university management officials have been trained by HEC in order to further build their capacity.

It is impossible to overlook the role of universities' topnotch leadership in the well-being of higher education institutions. Keeping this in view, HEC enforced Leadership Training Programme for Newly Inducted Vice Chancellors of HEIs in Pakistan, apart from holding Strategic Management Workshops for Senior Management of HEIs and implementing Indigenous On-campus Training Programme for capacity building of non-teaching staff of public sector HEIs.

Strengthening its collaborative efforts with foreign partners and establishing new academic bonds, HEC has made considerable hallmarks in the field of international collaboration. This is aimed to provide vast exposure to Pakistani faculty and students, preparing them to meet the research and technological needs of the country. HEC continued the Pak-US Science and Technology Cooperation Programme (Phase VI), under which 13 projects are currently being executed. In addition to this, three projects were approved for funding under the Pak-France PERIDOT Research Programme. HEC and British Council have also initiated bilateral cooperation programme titled Knowledge Economy Partnership. Under the initiative, 14 collaborative research projects each spanning three years have been approved after a thorough review process. The two partners have also agreed to launch HEC-BC Researcher Links Programme in order to bring together the academic community to utilise their experiences on common grounds.



Human Resource Development



Human Resource Development Division

The Human Resource Development (HRD) Division was established for management and execution of scholarship programmes at HEC. This Division is responsible for formulating policies, implementing quality processes and monitoring development projects for scholars and Universities. It also provides research grants for improvement of higher education and promotion of research culture. A total number of 22 scholarship programmes are currently being implemented by the Division with a total approved budget of Rs. 70,987.22 million for a total number of 26,987 scholarships. The major thrust of programmes is directed towards increasing the PhD faculty base. Under the Indigenous scholarship programme for Phase-I 5000 scholars are to be trained in Pakistan at the PhD level, and under Phase-II another 5000 Indigenous scholarships are to be awarded. Similarly, 4,000 scholars will be sent to overseas for PhD studies.

HEC scholarship programmes are complemented by other scholarship programmes such as USAID-funded Merit and Need Based Scholarship, US Fulbright Scholarships, 1000 Cuban Scholarships for studies in General Comprehensive Medicine, German Need Based Scholarships, French Need Based Scholarships, HEC Need Based Scholarships and Fee Reimbursement for less developed areas for MS, MPhil and PhD studies. Apart from this, HEC has taken special initiatives to hire fresh PhD holders for placement in Public and Private Sector Universities, for a period of one year. Foreign faculty is being invited to serve for a period of two weeks to one semester at Pakistani Universities on short-term and long-term basis to meet the scarcity of faculty. Also, HRD Division processes the cases for PhD Supervisors which allows them to supervise PhD students at Pakistani HEIs. HEC has also initiated the Distinguish National Professors Programme under which highly eminent researchers are selected and provided research funding.

For overseeing the implementation of most of the scholarship programmes, National Scholarship Management Committee (NSMC) has been formed. This committee has representatives from all Provinces, Planning Commission, Pakistan Atomic Energy Commission (PAEC), Industry and Ministry of Education, apart from HEC. In addition, various scholarships have their own Steering/Management committees to advise on issues related to a particular programme.

Scholarship Categories

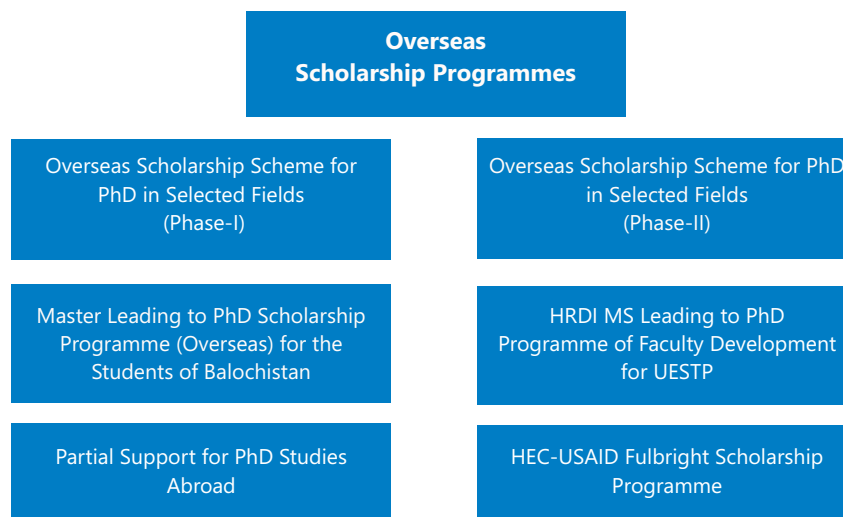
Scholarship programmes are divided into four broad categories:

1. Overseas Scholarship Programmes

Overseas scholarships are awarded every year for MS/MPhil leading to PhD and PhD programmes. The scholars are placed in technologically advanced countries that have signed Memorandum of Understanding (MoU) with HEC and Higher Education Agencies. The current schemes enhance HEC efforts for provision of an adequate number of trained PhD manpower to support technology upgrading, to develop high standards of Science and Technology, Humanities, and Business education/training in Pakistan and to meet the challenging needs of Pakistan's economy.



Overseas Scholarship Schemes Status up to June 2015



a. Overseas Scholarship Scheme for PhD in Selected Fields (Phase-I)

The first mega project for overseas PhD scholarships was launched by HEC in 2004 with the objective to create a pool of highly qualified human resource by offering Merit Based Scholarships to the deserving candidates in technologically advanced Universities around the world. So far, 966 scholars have been awarded with this scholarship. Following table depicts the overall progress of this project, since the time of its inception:

| Overseas Scholarship for MS/MPhil leading to PhD in selected fields (Phase- I) | Scholarship Awarded | PhDs Completed | Scholars Studying |
|--|---------------------|----------------|-------------------|
| | 744 | 602 | 73 |

Progress of the Programme in the Year 2014-15

During the year 2014-15, total seven scholars have completed their PhD studies. The project is closed for further intake.

Achievements of Scholars

Dr. Zahid Munir completed his PhD in Micro Biology with Distinction from Medical University Vienna, Austria in January 2015. He also managed to publish two research articles in the journal "PLOS ONE". The scholar joined COMSATS University, Islamabad Campus after his return.

b. Overseas Scholarship Scheme for PhD in Selected Fields (Phase-II)

This project was launched in 2006 at a total cost of Rs.14,522.35 million to award 2000 scholarships in order to build the capacity of Universities, Research and Development Organisations and Industries in Pakistan through the addition of PhD scholars in various fields. Following table represents the overall progress of this project, since the time of its inception:

| No. | Disciplines | No. of Scholars who have Completed their Degrees |
|--------------------|-------------------------------------|--|
| 1 | Agriculture and Veterinary Sciences | 50 |
| 2 | Arts and Humanities | 50 |
| 3 | Biological and Medical Sciences | 216 |
| 4 | Business Education | 65 |
| 5 | Engineering and Technology | 251 |
| 6 | Physical Sciences | 160 |
| 7 | Social Sciences | 136 |
| Grand Total | | 928 |

Progress of the Programme in the Year 2014-15

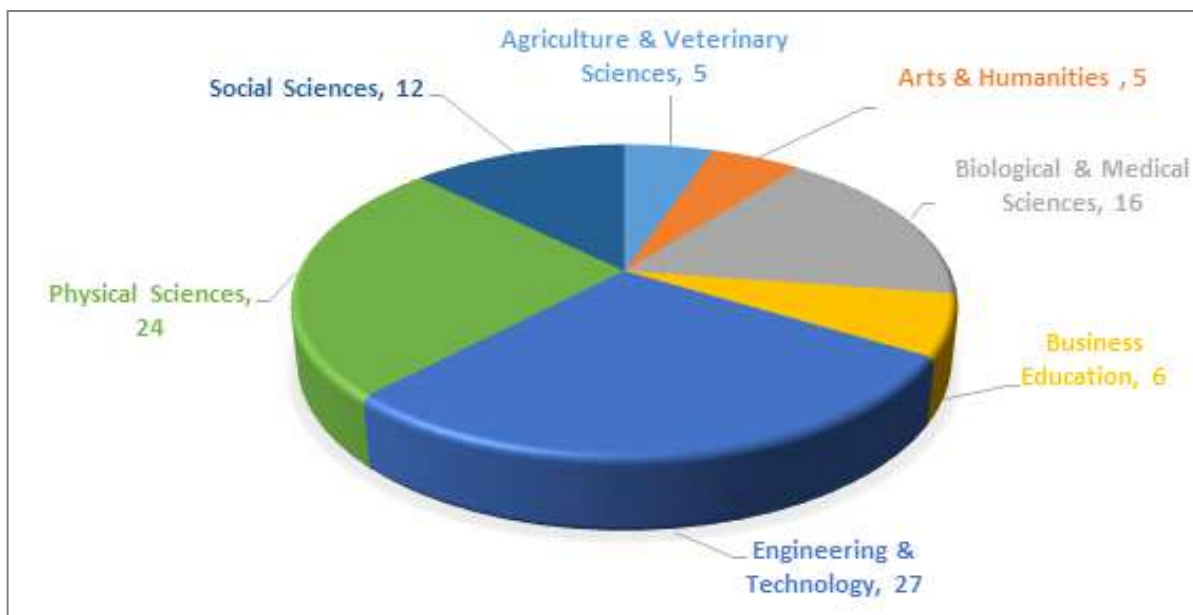
The status of the Programme in the year 2014-15 is as follows:

| Overseas Scholarship for MS/MPhil Leading to PhD in Selected Fields (Phase- II) | Year 2014-15 | | |
|---|-----------------|----------------|-------------------|
| | Scholars Joined | PhDs Completed | Scholars Studying |
| | 55 | 95 | 1641 |



Country-wise Distribution

Following Pie chart represents discipline-wise distribution of PhD scholars who completed their studies in the year 2014-15:



Discipline-wise Distribution

Achievements of Scholars

Mr. Muhammad Asif Khan has successfully completed his PhD within two years and four months. He defended his thesis on the topic "Adjusting Business Entities in a Globalised World: The Concept of an International Treaty Regulating Transnational Corporations against Violations of International Law". After completion of his PhD, he rejoined the University of Malakand, in the Department of Law. He aims to train more manpower in the same field to produce quality education and research within Pakistan.

Dr. Abid Mehmood Yousaf has done PhD in Physical and Industrial Pharmacy at Hanyang University of South Korea. He was bestowed with the oral presentation award for his entry "Novel Free-Flowing Fenofibrate-Gelatin Microcapsules With Improved Aqua Solubility: Preparation, Physicochemical Characterization and Pharmacokinetics in Rats" at the Spring International Convention of the Pharmaceutical Society of Korea, Osong, Chungcheongbuk-do, South Korea, April 23-24, 2015.

c. Human Resource Development Initiative (HRDI)-MS Leading to PhD Programme of Faculty Development for Universities of Engineering Sciences and Technology, Pakistan (UESTP)

This project was launched in September 2007 to offer 1500 PhD scholarships in the fields of Engineering, Physical and Social Sciences. Since the initiation of this Project, 1807 candidates have been shortlisted. Out of 1807, total 730 availed the overseas scholarships and proceeded for their PhD studies in foreign Countries. So far, 151 scholars have completed their PhDs and are serving in various Higher Education Institutions.

Progress of the Programme in the Year 2014-15

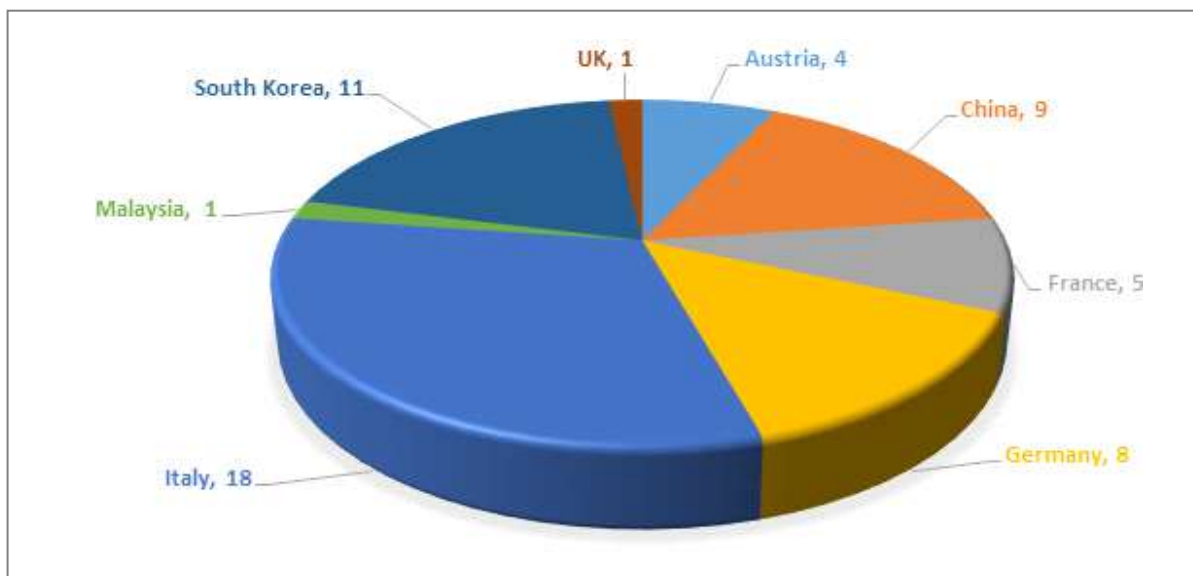
Following table shows the progress of this Programme in the year 2014-15:

| Year 2014-15 | | | |
|--------------|----------------------|----------------|-------------------|
| UESTP HRDI | Scholarships Awarded | PhDs Completed | Scholars Studying |
| | 57 | 57 | 289 |

However, 400 scholarship slots were approved for HRDI-UESTP Batch-IV for placements in foreign Universities in various Disciplines.

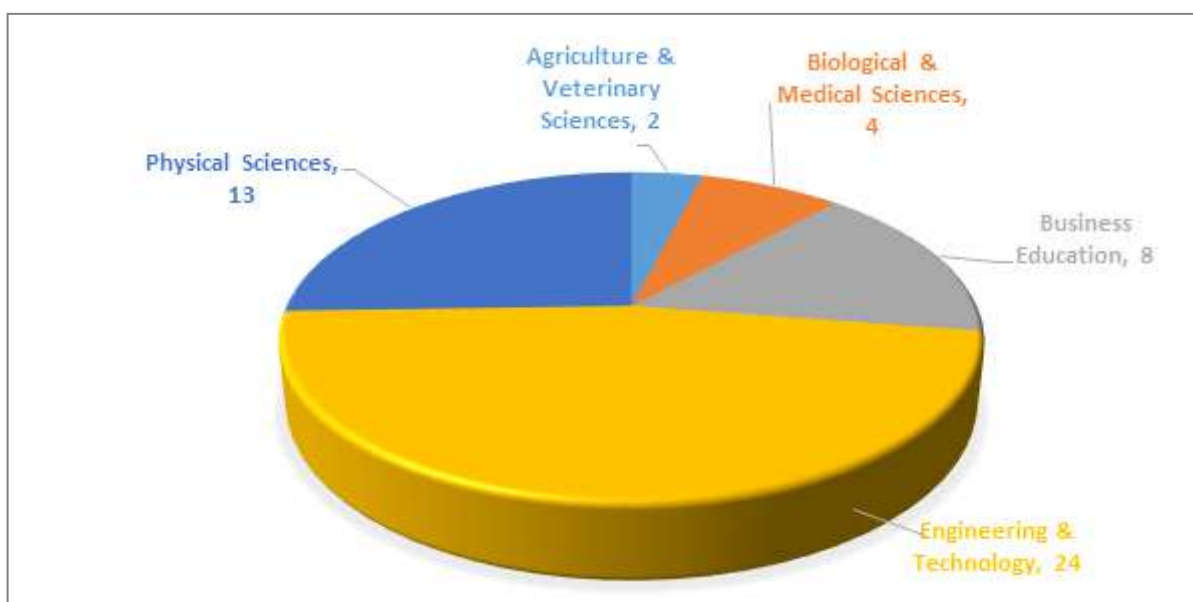
Following pie chart depicts Country-wise Distribution of scholars who have completed PhDs in year 2014-15:

Following pie chart shows country-wise distribution of PhD scholars who are studying during the year 2014 -15:



Country-wise Distribution

This pie chart depicts discipline-wise distribution of scholars who have completed PhDs in the year 2014 -15:



Discipline-wise Distribution

d. Master Leading to PhD Scholarship Programme (Overseas) for the Students of Balochistan (An Initiative of the Aghaz-e-Haqooq-e-Balochistan Package)

The Project was launched in November 2012 with the cost of Rs. 3138.692 Million. This project was aimed to provide 200 scholarships in MS leading to PhD and PhD studies in the top-ranked Universities around the world. It provides an incentive to the talented students of Balochistan to achieve excellence in their areas of interest in several Disciplines including Arts, Languages, Social Sciences, Basic Sciences, Agriculture, Life Sciences and Engineering and Technology.

Progress of the Programme in the Year 2014-15

Under this programme, 82 candidates are provisionally selected. Out of 122, however, only seven candidates availed the scholarships. The status of the programme in year 2014-15 is as follows:

| Overseas Scholarships Aghaz-e-Haqooq-e-Balochistan | Year 2014-15 | |
|---|----------------------|-------------------|
| | Scholarships Awarded | Scholars Studying |
| | 7 | 7 |

Two scholars are studying in France; three in Germany and two in South Korea.

e. Partial Support for PhD Studies Abroad

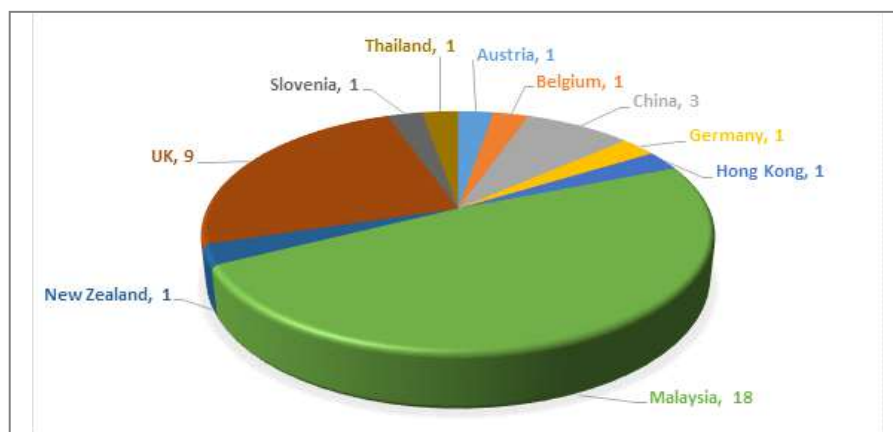
HEC launched a special scheme to provide financial support to the students who are in the final stages of doctoral studies and are unable to afford their education. This scheme provides Partial Monetary Support (one-time) up to US \$ 15,000/- in terms of tuition fee, research/study related expenses or living allowance.

Progress of the Programme in the Year 2014-15

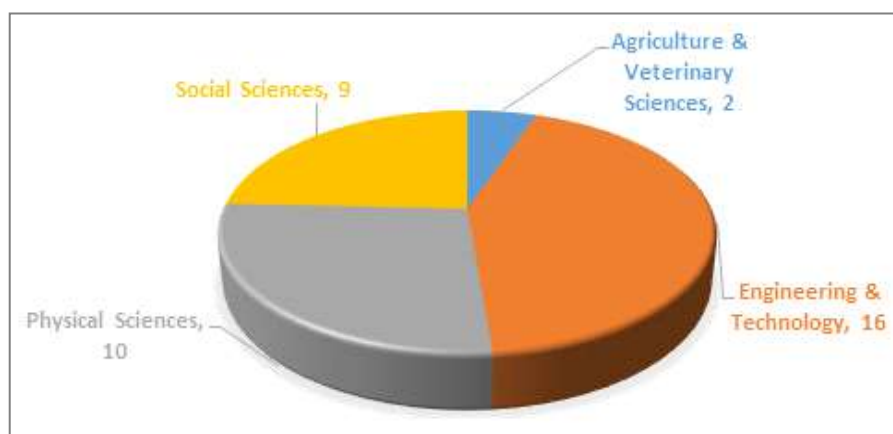
During the year 2014-15, total 37 scholars availed Partial Support for their PhD studies. Details of this programme are as follows:

| Partial Support For PhD Studies Abroad | Year 2014-15 | | |
|---|--------------------------|----------------|-------------------|
| | Partial Support Provided | PhDs Completed | Scholars Studying |
| | 37 | 2 | 35 |

Following pie chart shows country-wise and discipline-wise distribution of PhD Scholars who availed Partial Support:



Country-wise Distribution



Discipline-wise Distribution

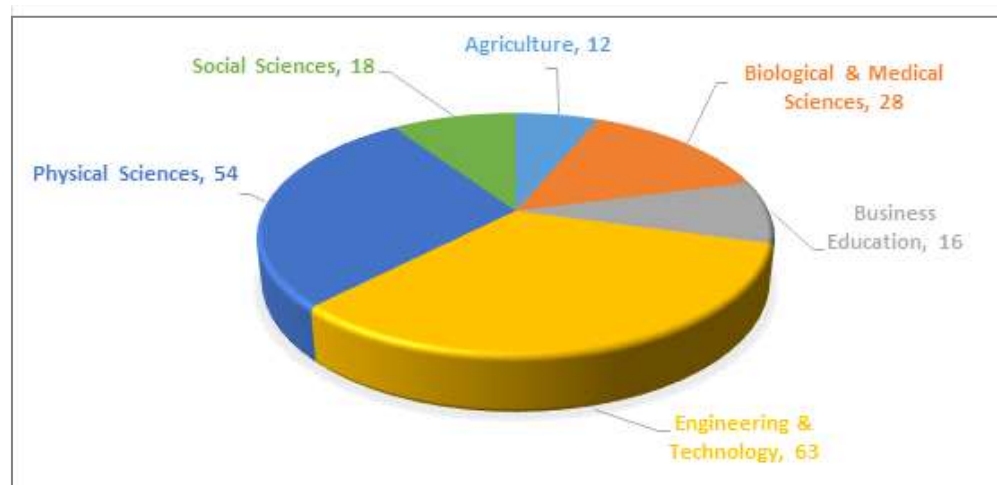
f. HEC-USAID Fulbright Scholarship Programme Phase-II

The project aims at providing PhD/MS scholarships to scholars at reputed US universities. A Memorandum of Understanding (MoU) was signed between HEC and USAID in December 2005 according to which HEC has to contribute 35% of the total cost of PhD scholarships. 65% funds have been contributed by the USAID. The second phase of the programme was approved in December 2015, after the successful competition of Phase I. Under this programme, 816 talented students from Pakistan will get MS (550) and PhD (266) degrees from top-notch universities of USA.

| HEC –USAID Fulbright Scholarship Programme | MS Scholarships | | |
|--|-------------------------|--------------|-------------------|
| | MS Scholarships Awarded | MS Completed | Scholars Studying |
| | 657 | 574 | 83 |

| HEC –USAID Fulbright Scholarship Programme | PhD Scholarships | | |
|--|--------------------------|----------------|-------------------|
| | PhD Scholarships Awarded | PhDs Completed | Scholars Studying |
| | 31 | 72 | 160 |

Following is the Discipline-wise distribution of scholars who are studying in USA in year 2014-15:



Discipline-wise Distribution

2. Indigenous Scholarship Schemes

Indigenous Scholarship Schemes are aimed at creating Qualified Human Resources in all fields. These locally Qualified Academics and Researchers will improve the Research & Development potential of local Universities (Public as well as Private) and it will also add value to the local Industrial sector. To enhance the research facilities, HEC has funded many Departments/Universities to establish research labs. This has brought tremendous change in the research culture of the Universities.

Indigenous Scholarship Schemes

Indigenous PhD Fellowship for 5000 Scholars
(Phase I and Phase II)

Master Leading to PhD Scholarship Programme
(Indigenous) for the Students of Balochistan

Provision of Higher Education Opportunities for
Students of Balochistan and FATA
(Phase I)

Prime Minister's Fee Reimbursement Scheme
for Less Developed Areas

a. Indigenous PhD Fellowship for 5000 Scholars (Phase I and II)

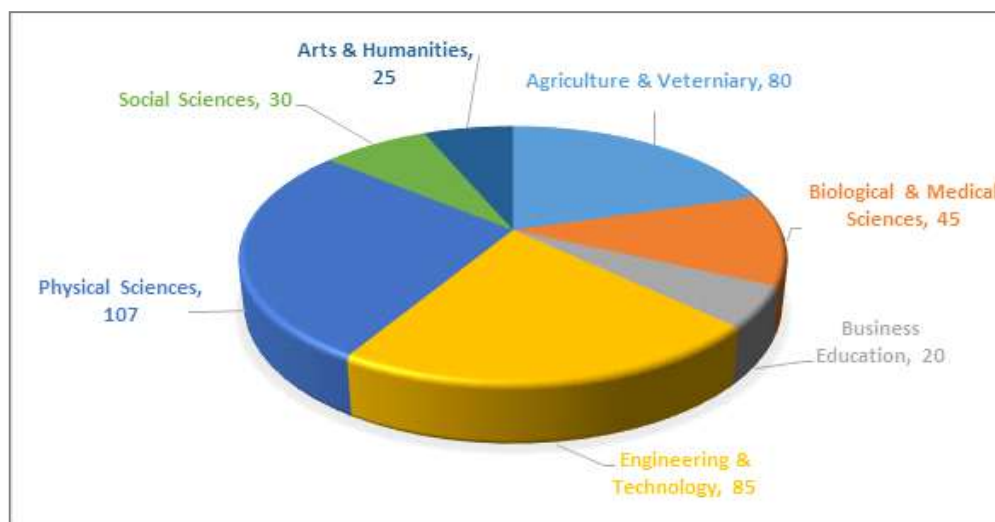
HEC emphasises on Indigenous Scholarship Schemes to provide Fully-funded Scholarships to the locally qualified researchers. The research is expected to have direct relevance to the growth and socio-economic development of Pakistan. So far, total 5000 and 2400 Scholarships have been awarded in Phase I and Phase II of the project, respectively. This scheme also provides funds to the Universities for upgrading their research facilities particularly laboratory equipment, chemicals and IT equipment.

Progress of Phase I of the Programme during the Year 2014-15

Total 5000 scholarships were awarded as per PC-1. Out of this, 1817 scholars have completed their PhD degree and are serving Pakistan. Progress of Phase I of this programme during the year 2014-15 is as follows:

| Indigenous Phd Fellowship for 5000 Scholars (Phase I) | Year 2014-15 | |
|---|----------------|-------------------|
| | PhDs Completed | Scholars Studying |
| | 392 | 3183 |

Discipline-wise Distribution of scholars who have completed their PhDs in Phase I of the programme in year 2014-15:



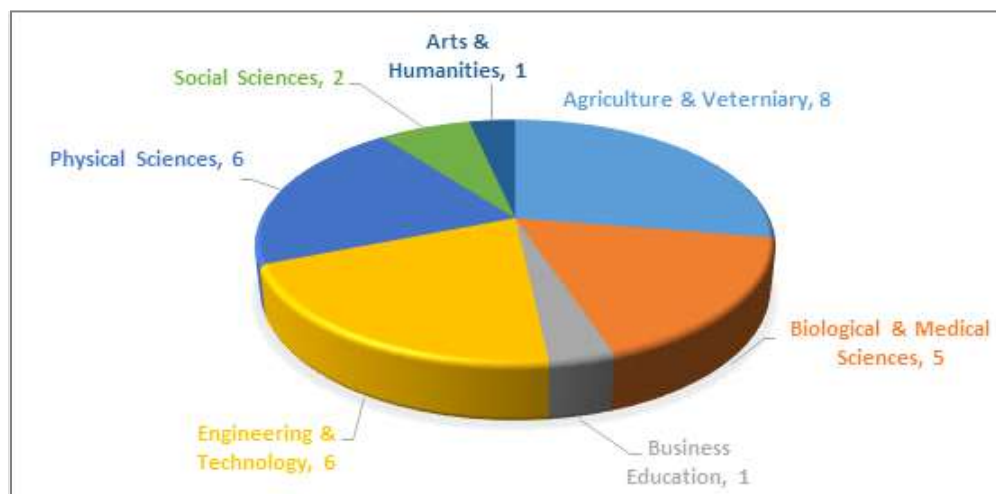
Discipline-wise Distribution

Progress of Phase II of the Programme during the Year 2014-15

So far, 2206 scholars have availed scholarships. Out of which, 77 scholars have completed their PhD degree and are serving in Pakistan.

| Indigenous Phd Fellowship For 5000 Scholars (Phase II) | Year 2014-15 | |
|---|----------------|-------------------|
| | PhDs Completed | Scholars Studying |
| | 77 | 2102 |

Discipline-wise distribution of scholars who have completed their PhDs in Phase II of the programme in the year 2014-15:



Discipline-wise Distribution

b. Prime Minister's Fee Reimbursement Scheme for Less Developed Areas

This scheme was approved by the Government of Pakistan in June, 2012. The evident socio-economic disparity across Pakistan highlights the fact that special measures are required to address affordability issue so that youth of economically deprived areas can also acquire benefits from higher education. Based on various studies and socio-economic indicators, various regions of Pakistan have been identified as less developed. Therefore, Government of Pakistan through Prime Minister's Tuition Fee Reimbursement Scheme attempted to create an opportunity for youth so that they can continue their higher education without any difficulty.

It was initially designed to provide financial assistant in terms of tuition fees and mandatory charges for the students of Balochistan, FATA, and Gilgit-Baltistan who are enrolled on merit in Masters/MPhil/PhD programmes in any public sector institution. The scope of the programme has been increased since 2013 and now 114 districts of Pakistan are eligible under the Scheme. On special instructions of Prime Minister, Muhammad Nawaz Sharif following areas were also included in the scheme:

- Azad Jammu Kashmir
- Malakand, Kohistan and Dera Ismail Khan (Divisions of Khyber Pakhtunkhwa)
- Attock, Mianwali, Khushab and Bhakkar (Districts of Punjab)

In the year, 2014-15 following areas of Khyber Pakhtunkhwa were also included:

- Lakki Marwat, Batagram, Torghar/Kala Dhaka, Hangu, Kohat, Bannu, Karak
- Financial Coverage of the Scheme
- Actual Tuition Fee (Masters, MS/MPhil, and PhD Programmes)
- Mandatory charges include Registration Fee/Enrolment Fee, Admission Fee (for new admissions only), Examination Fee, Library Charges (non-refundable), Laboratory Charges and Research related academic activities only.

Overall Progress of the Programme

So far total 77833 students have benefited since the inception of the programme in 2012. Following table summarises the overall progress of this programme:

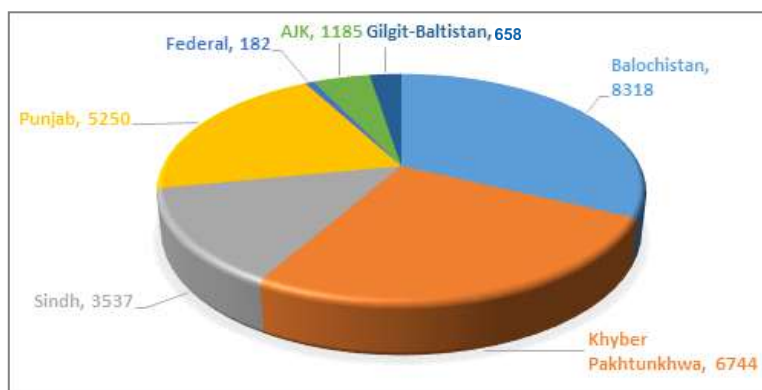
| Programme-wise Summary | | |
|------------------------|----------|--------------|
| 1. | Masters | 57507 |
| 2. | MS/MPhil | 17539 |
| 3. | PhD | 2787 |
| Total | | 77833 |

Progress of the Programme during the Year 2014-15

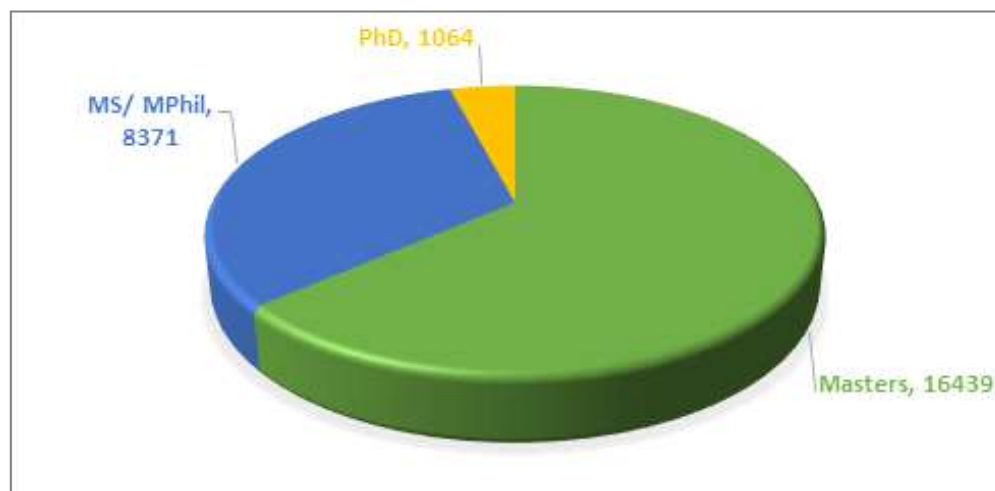
During the year 2014-15, a total number of 25874 students have benefited from the scheme. The details are as follows:

| Programme-wise No. of Students | | | | |
|--------------------------------|--------------|-------------|-------------|--------------|
| Province | Masters | MS/MPhil | PhD | Total |
| Balochistan | 4955 | 3221 | 142 | 8318 |
| Khyber Pakhtunkhwa | 4560 | 1890 | 294 | 6744 |
| Sindh | 1938 | 1441 | 158 | 3537 |
| Punjab | 3514 | 1473 | 263 | 5250 |
| Islamabad | 0 | 0 | 182 | 182 |
| Azad Jammu and Kashmir | 814 | 346 | 25 | 1185 |
| Gilgit Baltistan | 658 | 0 | 0 | 658 |
| Total | 16439 | 8371 | 1064 | 25874 |

Following pie charts represent the data of scholars who obtained their Masters, MS/MPhil/PhD degrees:



Province-wise Details



Degree-wise Details

c. Master Leading to PhD Scholarship Programme (Indigenous) for the Students of Balochistan (An Initiative of the *Aghaz-e-Haqooq-e-Balochistan* Package)

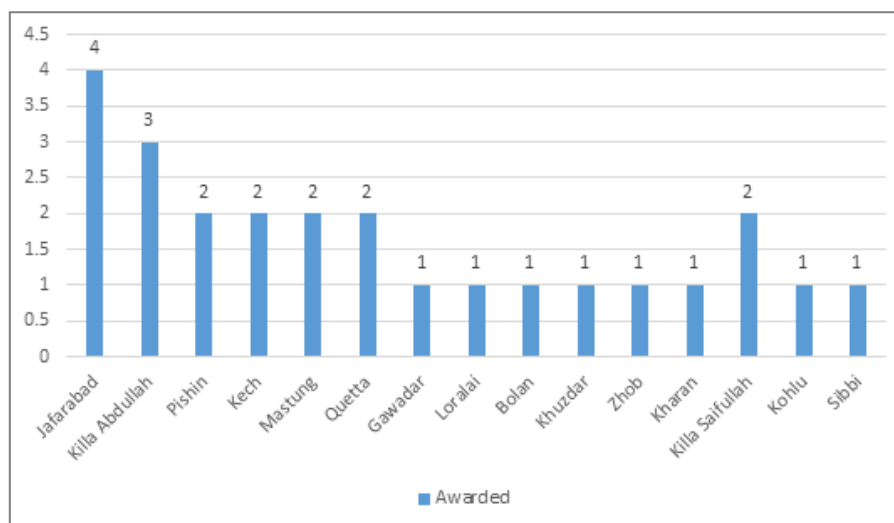
The Project was launched in November, 2012 with the cost of Rs. 3138.692 Million. It was aimed at providing 400 MS leading to PhD degrees and PhD scholarships in different HEIs of Pakistan. It provides an incentive to the talented students of Balochistan to achieve excellence in their areas of interest in the disciplines including Arts, Languages, Social Sciences, Basic Sciences, Agriculture, Life Sciences and Engineering and Technology. This project covers tuition fees, accommodation and living expenses as well.

Progress of the Programme in the Year 2014-15

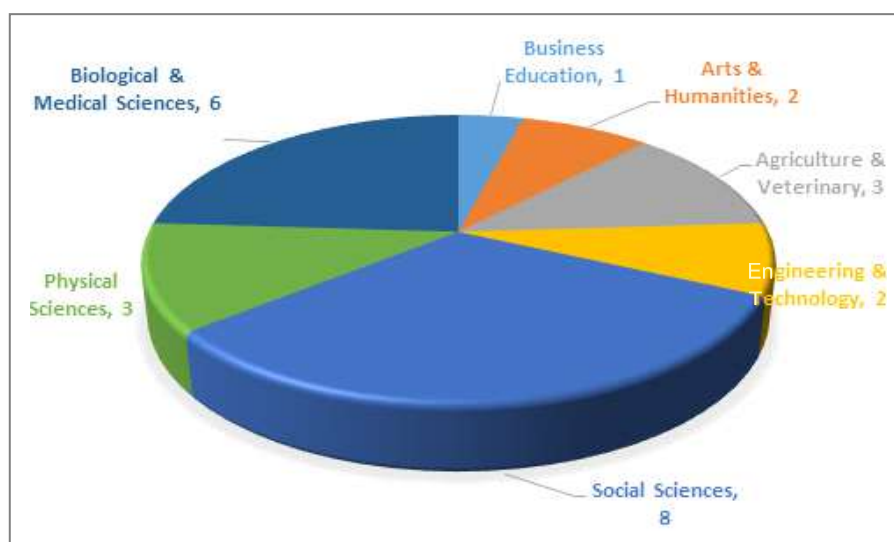
One hundred and twenty-two candidates were provisionally selected whereas only 25 candidates availed these scholarships. Moreover, orientation sessions were arranged in the Balochistan University of Information Technology, Engineering and Management Sciences (BUIEMS), Quetta, University of Loralai (UoL) and Lasbella University of Agriculture, Water and Marine Sciences (LUAWMS). Dissemination of Project related Brochures and Advertisements were also prepared which were made available to all relevant stakeholders of Balochistan. The status of the Programme in the year, 2014-15 is as follows:

| Overseas Scholarships (Aghaz-e-Haqooq-e- Balochistan) | Year 2014-15 | |
|---|----------------------|-------------------|
| | Scholarships Awarded | Scholars Studying |
| | 7 | 7 |

Following charts represent the district and discipline wise distribution of PhD scholars who were studying during year 2014-15 respectively:



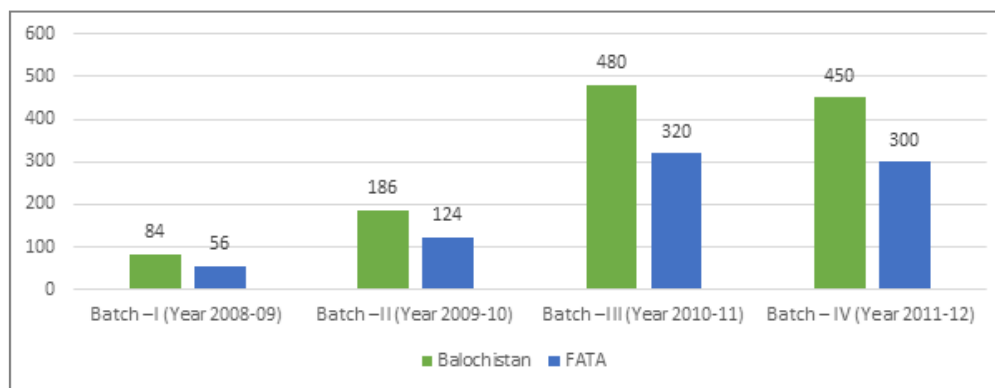
District-wise Distribution



Discipline-wise Distribution

d. Provision of Higher Education Opportunities for Students of Balochistan and FATA (Phase-I)

The Programme was launched in 2007 with a total cost of Rs. 981.486 million. The scholarship Programme was focused on providing financial assistance to 1300 Undergraduates (4-years degree Programmes) and 700 Postgraduates (2-years degree Programmes) of Balochistan and FATA on the basis of merit in local universities. 10 PhD scholarships were intended for Journalists belonging to FATA in the foreign universities. Following table shows overall progress of this Programme since its inception:



Domicile-wise Distribution

HEC awarded only two scholarships to FATA journalists because most of the FATA journalists did not meet the eligibility criteria of the scholarship programme which was a pre-requisite in securing admission in top-ranked foreign universities. The discipline-wise distribution of the awarded scholarships is as follows:



Discipline-wise Distribution

The details of the scholarships awarded according to degree Programmes are as follows:

| Degree Programme | Scholarships Awarded | Degree Completed | Students Studying |
|------------------|----------------------|------------------|-------------------|
| Undergraduate | 1300 | 217 | 953 |
| Postgraduate | 700 | 334 | 467 |
| PhD | 2 | 0 | 2 |
| Total | 2002 | 551 | 1422 |

Progress of the Programme in the Year 2014-15

| Provision of Higher Education Opportunities for Students of Balochistan and FATA (Phase-I) | Year 2014-15 | | |
|--|------------------|----------------|-------------------|
| | Degree Programme | PhDs Completed | Scholars Studying |
| | Undergraduate | 42 | 1208 |
| | Postgraduate | 56 | 574 |
| PhD | 0 | 2 | |

3. Need-Based Scholarship Schemes

Merit and Need based scholarships are focused on providing opportunities for access to higher education to underprivileged candidates who, despite possessing academic merit, are unable to finance their education. These scholarships are provided in the fields of Medical, Engineering, Social Sciences, Business and Agriculture in Public/Private Institutes across Pakistan.

a. USAID-Funded Merit and Need-Based Scholarship Programme (Phase-II)

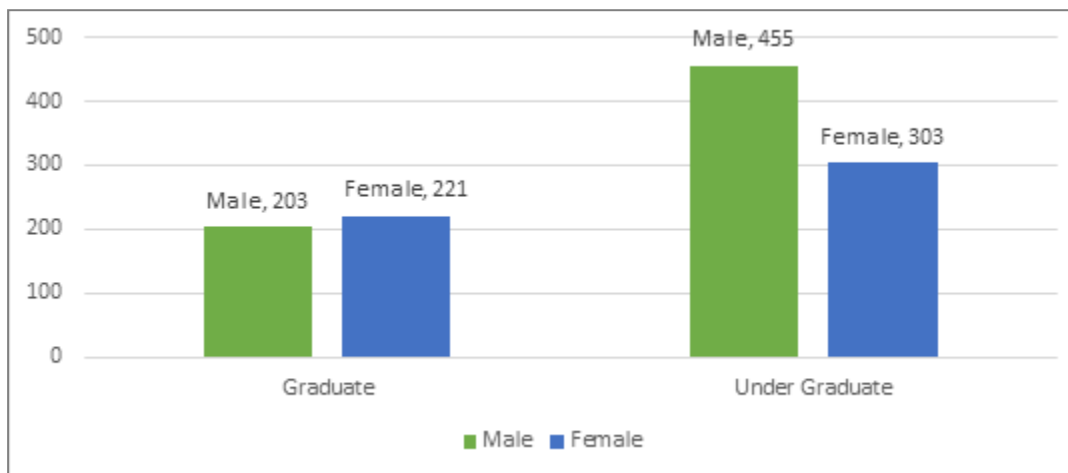
USAID supported scholarships for meritorious but financially disadvantaged students since 2004 through the Merit and Need-Based Scholarship Programme (MNBSBP) to assist the Government of Pakistan's efforts to raise enrolment in Pakistani Universities and meet International standards. USAID expanded the programme in 2013 with a total estimated cost of US\$ 23.1 million. This includes 3000 scholarships, of which 50% were targeted for females. Additional disciplines such as Social Sciences, Agriculture Sciences, Medical Sciences and Engineering were included along with 19 more Public and Private sector Institutions were became part of this programme, bringing the number of total partner universities to 30. New components of the programme built capacity of participating institutions in designing operational, financial management, monitoring and evaluation processes and fund flow mechanism for implementing MNBSBP. The programme had also recently been selected to contribute to the "Let Girls Learn" initiative.

Progress of the Programme in the Year 2014-15

In the year 2014-15, a total number of 1182 scholarships were awarded in various disciplines. The details are included below:

| USAID-Funded Merit and Need Based Scholarship Programme (Phase II) | Year 2014-15 | | |
|--|----------------------|-------------------|------------------------|
| | Scholarships Awarded | Graduate Students | Undergraduate Students |
| | 1182 | 424 | 758 |

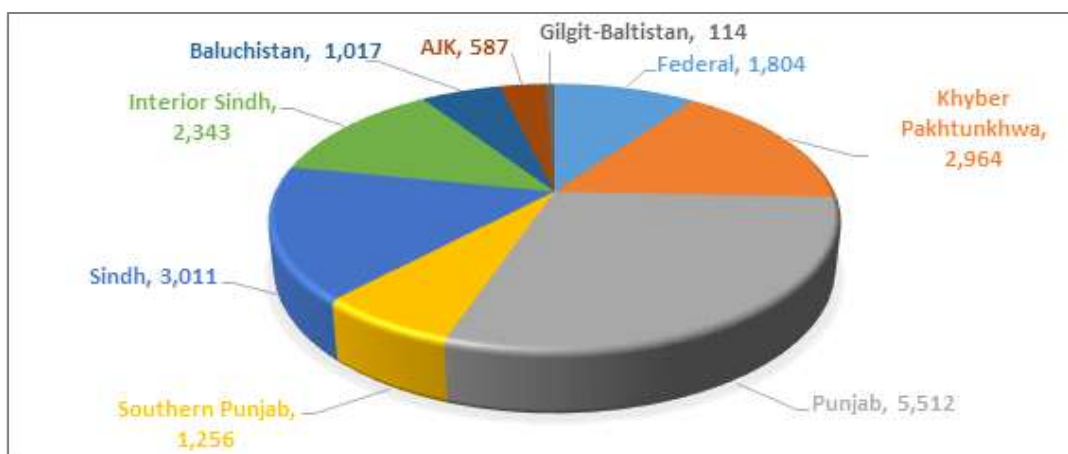
Gender-wise distribution of the awarded scholarships is as follows:



Gender-wise Distribution

b. HEC Need-Based Scholarship Programme

HEC facilitates needy and deserving students through Need-Based Scholarship Programmes and provides fully-funded scholarships which cover tuition fee, boarding and lodging, and monthly stipend including allowances for stationary. This programme is being successfully executed in 82 public sector universities along with their campuses. So far, 18608 scholarships have been awarded to the deserving students. Province-wise detail of scholarships awarded is mentioned below:



Province-wise Details

Progress of the Programme in the Year 2014-15

In the year 2014-15, 230 scholarships were awarded to the students. The following table shows the names of universities of respective provinces along with the awarded scholarships:

| Area/Provinces | No. of Universities | No. of Scholarships |
|----------------------|---------------------|---------------------|
| Khyber Pakhtunkhwa | 18 | 133 |
| Punjab | 18 | 37 |
| Sindh | 10 | 41 |
| Azad Jammu & Kashmir | 3 | 19 |
| Total | 74 | 230 |

Noticing the success of the HEC Need-Based Programme, more donor agencies are attracted to support the deserving students.

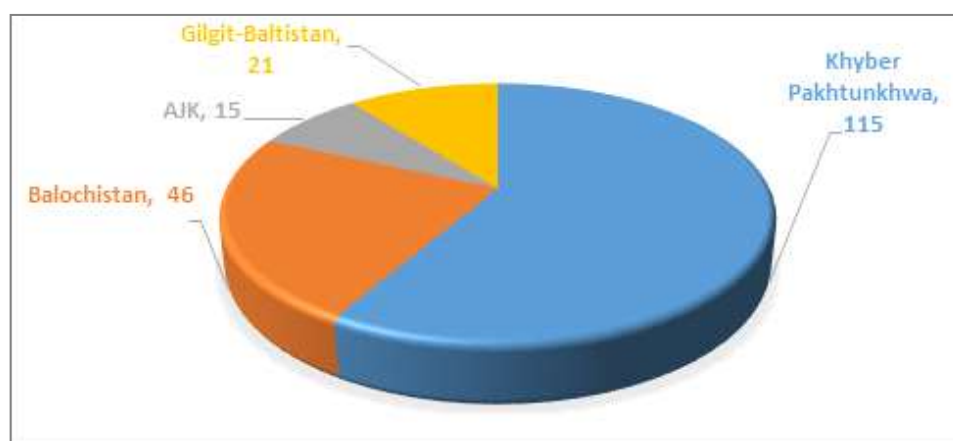
c. German and French Need-Based Scholarship Programme

German Need-Based Scholarship Programme was launched in 2013 with the help of German Government to extend helping hand to needy students from selected Pakistani Universities. Preference was given to the students from FATA/Balochistan with special emphasis on selecting more female students. So far, total 429 students have been awarded scholarships whereas 366 students are still studying.

French Need-based Scholarship Programme is also meant to support the financially weak students from less developed areas of Pakistan. The programme was initiated in 2012 with the help of French Embassy in Pakistan. As many as 790 students of 16 participating universities have been supported with donation from French Government. In French Need-based Programme, 606 students are still studying while 40 scholars have completed their studies.

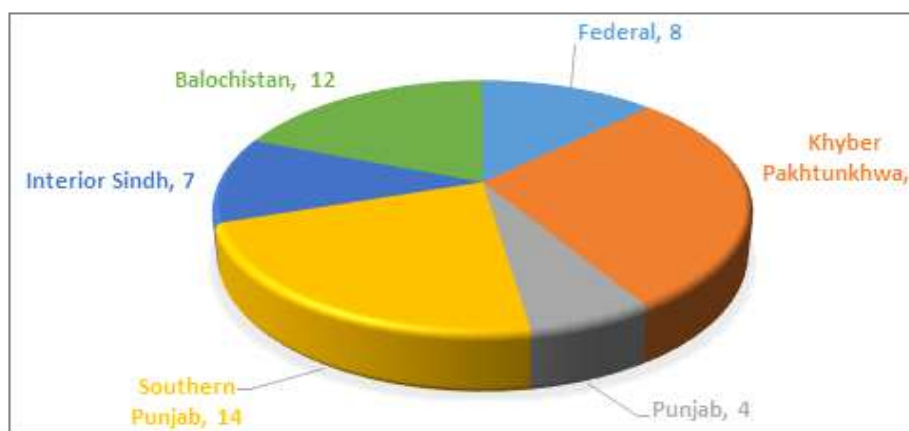
Progress of the Programme in the Year 2014-15

In the year 2014-15, total 197 scholarships were awarded in 10 HEIs of Pakistan through French Need-Based Programme:



Province-wise Details

In the year 2014-15, total 429 scholarships were awarded in 12 HEIs of Pakistan through German Need-based Programme:



Province-wise Details

4. Other Programmes

a. International Research Support Initiative Programme

HEC offers a research fellowship abroad to full-time PhD students to enhance quality research and support their PhD studies under International Research Support Programme (IRSIP). This scheme provides an opportunity to PhD students who are enrolled in local universities to spend six months in highly reputable and top-ranked foreign universities and conduct research. This enhances the quality of doctoral research in Pakistan and also develops linkage between Pakistani and foreign institutions. Under this programme, about 3500 PhD students have availed this opportunity. Following table shows the number of students from different universities who have been awarded this scholarship:

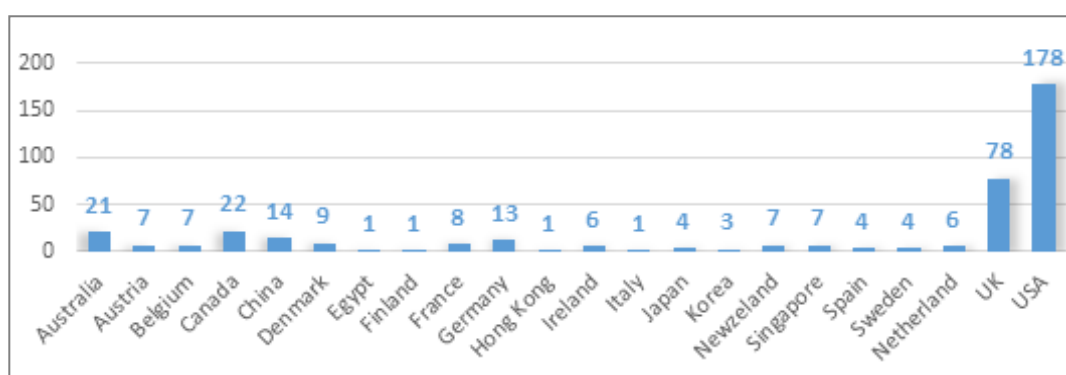
| Scholarships Awarded | | |
|----------------------|--|-----------------|
| No. | Names of Universities | No. of Students |
| 1 | Quaid-e-Azam University | 600 |
| 2 | Agriculture University, Faisalabad | 475 |
| 3 | University of Punjab | 326 |
| 4 | PMAS-Arid Agriculture University, Rawalpindi | 198 |
| 5 | National University of Science and Technology | 153 |
| 6 | Bahauddin Zakaria University | 146 |
| 7 | University of Peshawar | 143 |
| 8 | Pakistan Institute of Engineering and Applied Sciences | 130 |
| 9 | University of Agriculture, Peshawar | 101 |
| 10 | University of Karachi | 102 |
| 11 | The Islamia University, Bahawalpur | 94 |
| 12 | University of Balochistan | 14 |
| 13 | University of Azad Jammu and Kashmir | 35 |

Progress of the Programme in the Year 2014-15

During the year 2014-15, 402 PhD students have benefitted from this programme. Details are as under:

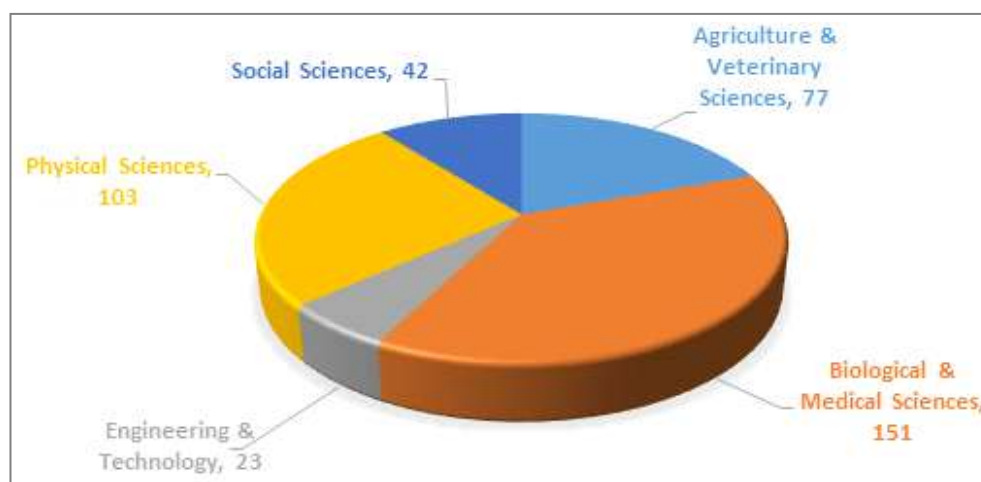
| International Research Support Initiative Programme | Year 2014-15 | | |
|---|----------------------------|----------|-------------------|
| | No. of Scholars Benefitted | Returned | Scholars Studying |
| | 402 | 296 | 103 |

Country-wise distribution of scholars who have been awarded this PhD students in the year 2014-15:



Country-wise Distribution

Discipline-wise distribution of scholars who have been awarded research support in the year 2014-15:



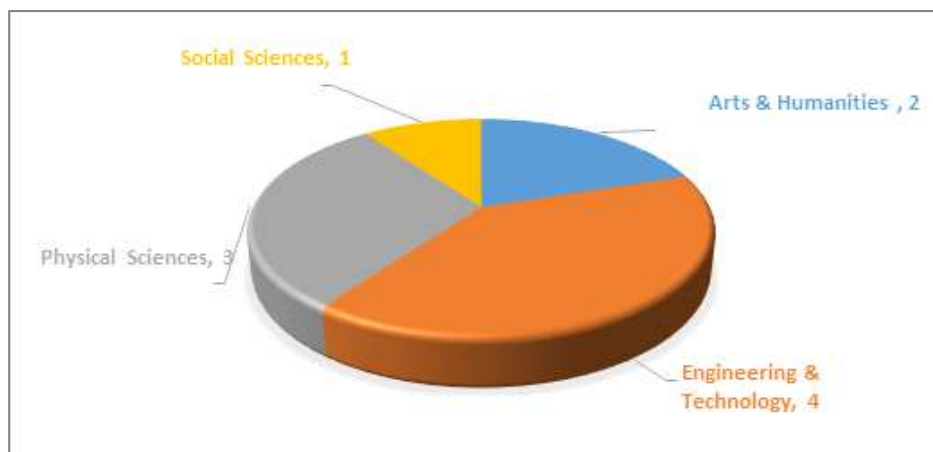
Discipline-wise Distribution

b. Post Doctorate Fellowship Programme

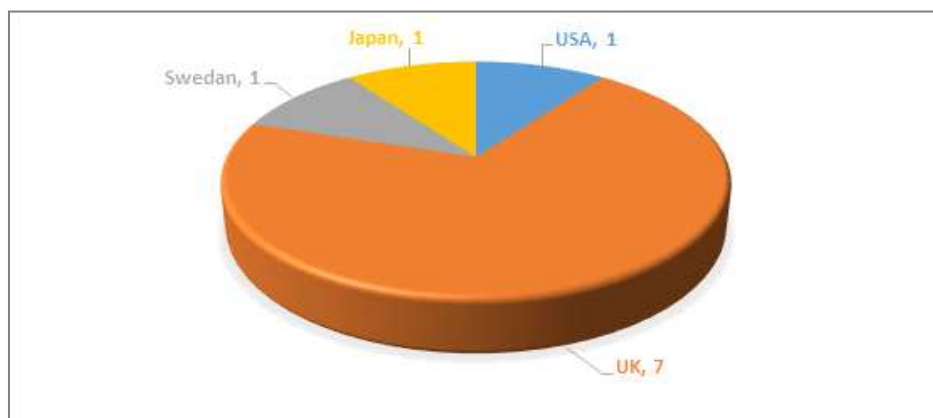
Since the last few years, universities in Pakistan are focusing on imparting education in critical areas to meet technical manpower needs of the country. To achieve this objective, it is essential that the universities and other institutions should be well equipped with highly qualified and experienced faculty so that faculty can be able to supervise more PhDs within the country. For this, it is essential to send our university faculty abroad for post-doctoral research to enable them to update their knowledge and skills in selective fields. So far, total 631 post doctorate fellowships have been awarded in various disciplines. Around 615 scholars have completed their studies whereas 36 scholars are still pursuing their degrees.

Progress of the Programme in the Year 2014-15

In the year 2014-15, a total number of 10 post doctorate fellowships have been awarded. Discipline and country-wise distribution of the programme are as follows:



Discipline-wise Distribution



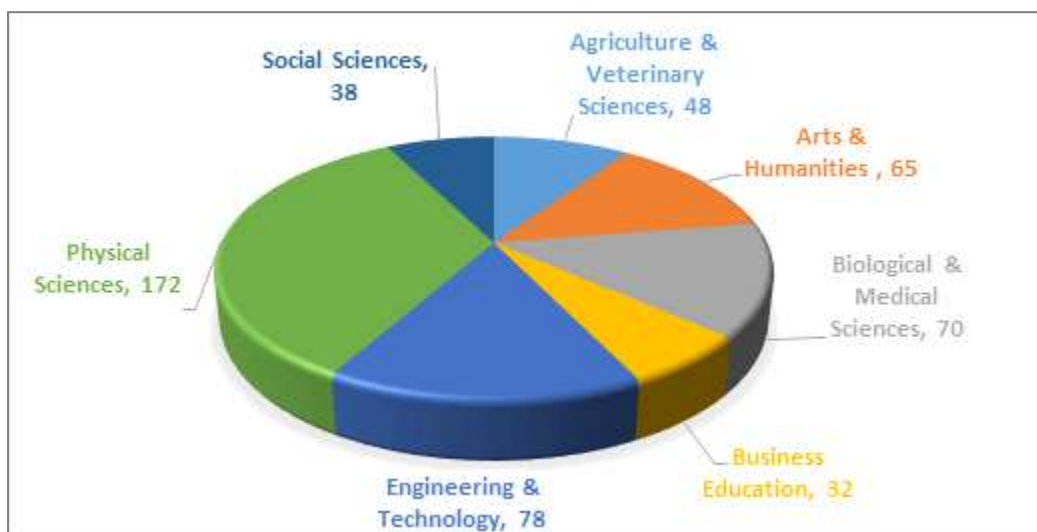
Country-wise Distribution

c. Interim Placement of Fresh PhDs (IPFP)

In order to engage the freshly qualified PhDs, an Interim Placement of fresh PhDs Programme was launched in 2009. The purpose was to assist fresh PhDs to start their activities at HEIs of Pakistan without any delay. IPFP underlines a two-pronged approach. Primarily, it provides lucrative avenues of employment to fresh PhD professionals and, in turn, develops the faculty of public and private sector universities/DAIs to ensure quality teaching and research. The programme provides all Pakistani fresh PhD scholars an opportunity to be placed as Assistant Professor on a Tenure Track based System (TTS) for a maximum period of one year with an agreement with institutions to offer them TTS or regular position after the completion of terms under IPFP. So far, overall 2291 PhD scholars availed the IPFP and severed in Pakistani HEIs.

Progress of the Programme in the Year 2014-15

During the Year 2014-15, 503 fresh PhDs were placed as Assistant Professors in HEIs across Pakistan. Discipline wise-distribution of IPFP Faculty in year 2014-15:



Discipline-Wise Distribution

d. Recognising Approved Supervisors for PhD Students

Doctoral education aims to cultivate research skills and knowledge necessary to undertake independent studies. In pursuing PhD, supervisors play an important role by mentoring students about research trends and guiding their academic careers in general. HEC Approved Supervisors Programme aims to assist PhD students in this regard by pairing them with qualified and experienced faculty members of HEC recognised universities, degree-awarding institutions and R&D organisations. HEC has devised the criteria to allow faculty members to supervise MS/MPhil and PhD students. Status of approved supervisor is effective for a period of three years initially which is extendible to another term of three years, if supervisor fulfils the criteria.

Since 2003, HEC has approved 7750 supervisors in various disciplines. Selection criteria has been revised in 2013. After revision, 520 PhDs were selected as approved supervisors.

Progress of the Programme in the Year 2014-15

During the year 2014-15, 190 PhDs were selected as approved supervisors to provide supervision to PhD scholars.

e. HEC Distinguished National Professors Programme

HEC initiated HEC Distinguished National Professors Programme in the year 2003 with an aim to recognise services of eminent professors/scientists who have been working in their specialised fields with dedication. A total of 45 Distinguished National Professors have been selected by HEC since the commencement of this programme. The professors are engaged in teaching and research in public sector institutions.

Progress of the Programme in the Year 2014-15

In the year 2014-15, a total of 126 applications were received; 76 applications were from Natural and Basic Sciences discipline and 50 applications were from Social Sciences discipline. Four professors were awarded Distinguished National Professors Awards.

| Distinguished National Professors | Year 2014-15 | |
|-----------------------------------|--------------|---------|
| | Awarded | Serving |
| | 4 | 4 |

f. Visiting Foreign Faculty Programme

This programme was initiated to invite foreign faculty from reputed universities from overseas to share their expertise and knowledge with local faculty and postgraduate students. The Programme also conducted workshops, seminars and symposiums at host institutions. The programmes also provided guidance to the postgraduate students for their research work. The foreign faculty can be invited for a period of two to maximum of 16 weeks. The faculty can also spend one full semester and teach advanced level courses to graduating students.

Progress of the Programme in the Year 2014-15

During the year 2014-15, a total of 14 applications were received. Following table shows the details:

| Visiting Scholar's Programme | Year 2014-15 | |
|------------------------------|--------------|-----------|
| | Selected | Completed |
| | 7 | 7 |

All the selected professors have successfully completed their assigned tasks.



Research and Development



Research and Development

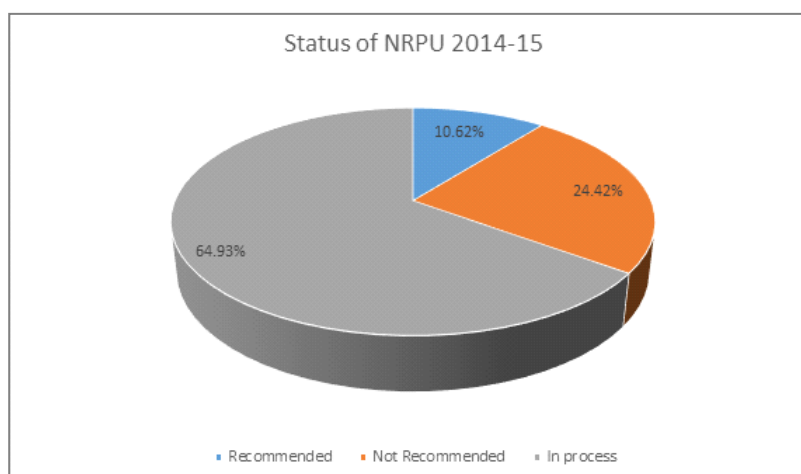
The economic development of a country is directly linked to research and development. Therefore, both the academia and industry need to play their part in producing quality research and commercialising it.

Research and Development Division (R&D) of the Higher Education Commission (HEC) executes programmes and projects which ensure sustainable and progressive research culture. R&D Division adopts a wholesome approach for development through research, which ranges in objectives from personal development to strengthening of universities. The desired goals can be achieved by the development of research incubators, by capacity development of human resource, and also by exposure of faculty and researchers to international academia by establishing university-to-university linkages.

HEC aims to develop a research culture in Pakistan, which will lead to economic prosperity, national well-being and expansion of research. For this purpose, HEC has several initiatives for the promotion of quality research, via, Research Grants, Resource Grants, Travel Grants, Industrial Liaison, Enhanced IT infrastructure, and Digital Resources. These initiatives will lead to a boost in research activities of both public and private universities.

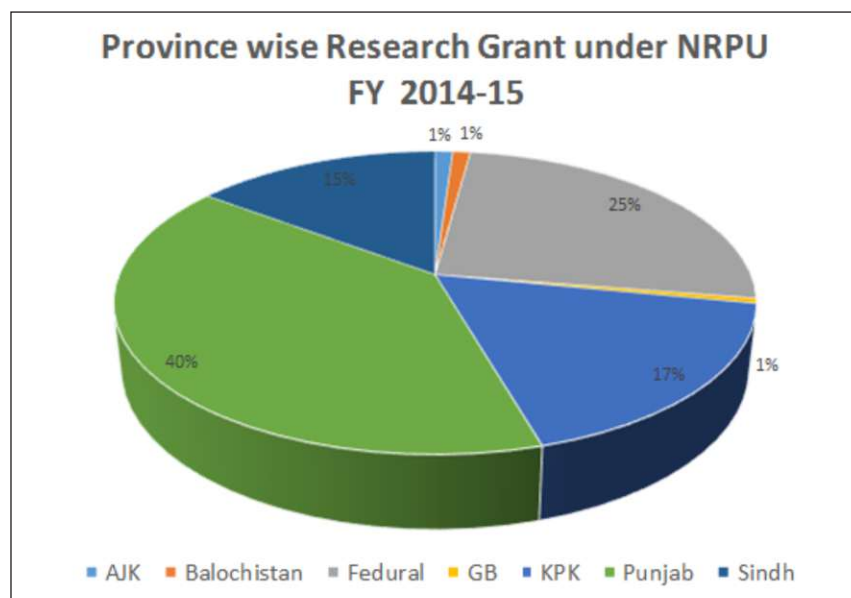
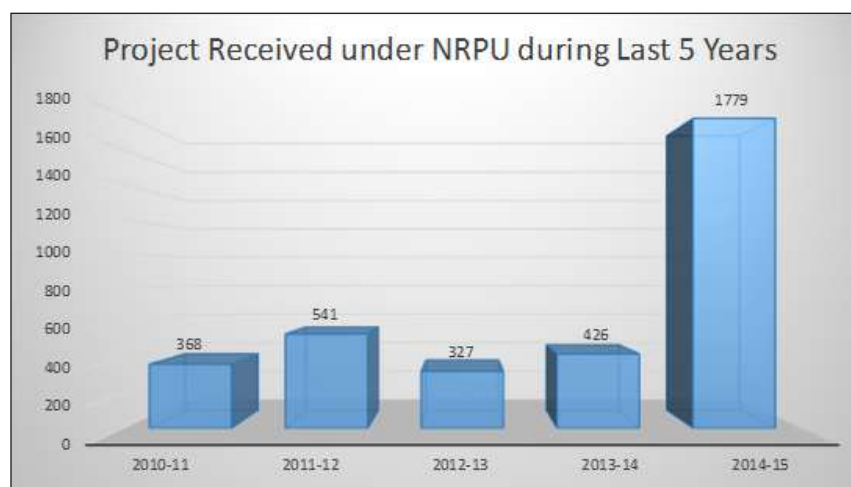
National Research Programme for Universities (NRPU)

The National Research Programme for Universities (NRPU) is a platform, which provides modest grants to catalyse research. The vision behind this programme is to enhance the capacity of researchers to undertake bigger initiatives, which address the local demands. NRPU, research grants are awarded on merit for high-level and promising scientific research projects to be carried out in Pakistan by university teachers.



During FY 2014-15, a total of 3025 research projects were processed (1779 research proposals were received and 1246 research projects were carried forward from 2002-14), 189 research projects were approved for funding and 435 research projects were rejected after evaluation. In addition, 1155 research proposals are in the evaluation phase. A total amount of Rs. 701.86 million was provided to different universities of Pakistan through NPRU research grants during the financial year 2014-15.

Ever since inception of the programme, highest numbers of research proposals were received during 2014-15. An overall comparative analysis of research proposals received under NRPU is as follows:



During the year 2014-15, following NRPUs were completed:

| S. No. | Project No. | PI Name | Project Title | University/Institution | Total Cost (PKR) |
|--------|-------------|----------------------------|--|---|------------------|
| 1 | 1038 | Dr. Muhammad Saleem Akhtar | Characterisation and Quantification of Soil Iron Oxides and their Effect on Phosphorus Sorption | PMAS-Arid Agriculture University, Murree Road, Rawalpindi | 5,353,399.00 |
| 2 | 1043 | Dr. Muhammad Naeem | Molecular Characterisation of Wilson's Disease: Detection of Prevalent Mutations and Genotype-Phenotype Correlation In Pakistani Families | National University of Sciences and Technology, Islamabad | 2,186,850.00 |
| 3 | 1077 | Dr. Mushtaq Ahmad Saleem | Managing the Possibilities of Bt Resistance In field Population of Cotton Bollworm, <i>Helicoverpa Armigera</i> (Hubner) in Pakistan | Bahauddin Zakariya University, Multan | 920,087.00 |
| 4 | 1100 | Dr. Talat Naseer Pasha | Nutritional Evaluation, Processing and Utilisation of Rumen Content for Livestock Feed | University of Veterinary and Animal Sciences, Lahore | 2,765,880.00 |
| 5 | 1167 | Dr. Safdar Ali | Isolation of Plant Growth Promoting Rhizobacteria (PGPR) from Legumes Rhizosphere and their Role in N ₂ - Fixation by Legumes under Rainfed Conditions of Pothwar | PMAS-Arid Agriculture University, Murree Road, Rawalpindi | 2,136,785.00 |
| 6 | 1180 | Dr. Mir Azam Khan | Detoxification of Metal Ions and Organic Compounds in Water using Modified Agriculture Residues | University of Malakand, Chakdara, Dir, Malakand | 730,254.00 |
| 7 | 1185 | Dr. Waqas Wakil | Microbial and Non-Conventional Management Practices for Tomato Fruitworm <i>Helicoverpa Armigera</i> Hubner (Lepidoptera: Noctuidae) in Punjab | University of Agriculture, Faisalabad | 2,063,012.00 |
| 8 | 1288 | Dr. Safdar Ali Anwar | Nematodes Of Tunnels Crops And Their Integrated Management | University of Agriculture, Faisalabad | 962,995.00 |

| S. No. | Project No. | PI Name | Project Title | University/Institution | Total Cost (PKR) |
|--------|-------------|---------------------------|---|---|------------------|
| 9 | 1292 | Dr. Saif ullah | Contaminants in City Effluents, Soil, Waters, Plants and Air and Mapping Pollution HIT Areas of Faisalabad Metropolitan using GIS Techniques | University of Agriculture, Faisalabad | 6,329,041.00 |
| 10 | 1342 | Dr. Sultan Alam | Calcinations and Characterisation of Kaolinite Produced from Abiotic Precursors and its use for the Wastewater Treatment | University of Malakand, Chakdara, Dir, Malakand | 1,074,101.00 |
| 11 | 1362 | Dr. Mahmood Akhtar Kayani | Mutational and Expressional Analysis of Carcinogen Detoxifying Genes in Head and Neck Cancer Patients | COMSATS Institute of Information Technology, Islamabad | 2,488,134.00 |
| 12 | 1365 | Dr. Amanullah Jan | Effect of Soil Amendments on Maize Yield and Soil Properties under Minimum and fully irrigated conditions | NWFP Agriculture University, Peshawar | 695,684.00 |
| 13 | 1417 | Dr. Bushra Mirza | Isolation of Antioxidant and Antitumor Agents from Hedero Nepalensis and Fagonia Crettica | Quaid-i-Azam University, Islamabad | 2,042,728.00 |
| 14 | 1419 | Dr. Abdul Rauf Raza | Asymmetric Synthesis of Potential Biologically Active Isocoumarins and 3,4-Dihydroisocoumarins | University of Sargodha, Sargodha | 2,695,846.00 |
| 15 | 1451 | Dr. Ishtiaq Hussain | Impact of Higher Education on the Social Adjustment of Women in Islamic Perspective in Pakistan | Kohat University of Science & Technology, Kohat | 2,208,961.00 |
| 16 | 1464 | Dr. Umar Hasan Khan Niazi | In-Silico Characterisation of MAL/TIRAP Structure and Regulation with Potential for Discovering new Compounds for Management of Inflammatory Responses in Malaria | National University of Sciences & Technology, Islamabad | 2,494,513.00 |
| 17 | 1472 | Dr. Muhammad Faisal | Bacterial Transformation of Toxic Selenite (IV) to Elemental Selenium (0) in Wastewater/Contaminated | University of the Punjab, Lahore | 4,116,223.00 |

| S.No. | Project No. | PI Name | Project Title | University/Institution | Total Cost (PKR) |
|-------|-------------|--------------------------|--|---|------------------|
| 18 | 1473 | Dr. Muhammad Nisar | Marker Assisted Selection (MAS) Breeding in Pisum Sativum Using Molecular Markers (RAPD) | University of Malakand, Chakdara, Dir, Malakand | 3,328,800.00 |
| 19 | 1483 | Dr. Muhammad Nisar Khan | Screening Livestock Populations of Marshy Districts of Punjab through Conventional and Immunodiagnostic Methods and Determination of Risk Factors and Comparative Chemotherapeutic Control of Fascioliasis | University of Agriculture, Faisalabad | 2,182,432.00 |
| 20 | 1521 | Dr. Ijaz Ahmad Khan | Integrated Management of Weeds in Chickpea (Cicer Arietinum) in Southern Districts of NWFP | NWFP Agriculture University, Peshawar | 1,545,873.00 |
| 21 | 1525 | Dr. Arif Zubair | Source, Behavior and Distribution of Arsenic in Coastal Aquifer of Sindh Province, Pakistan | Federal Urdu University of Arts, Sciences and Technology, Islamabad | 4,702,417.00 |
| 22 | 1537 | Dr. Muhammad Jamil Ahmed | Strategies for Identification and Control of Risk Factors involved in Deterioration of Apple Fruit Quality in Azad Jammu and Kashmir | University of Azad Jammu & Kashmir, Muzaffarabad, Azad Kashmir | 5,363,831.00 |
| 23 | 1578 | Dr. Tariq Mahmood | Ecology of Indian Pangolin (Manis Crassicaudata) in Potohar Region | PMAS-Arid Agriculture University, Murree Road, Rawalpindi | 1,767,163.00 |
| 24 | 1594 | Dr. Masood Sadiq Butt | Developing and Exploring the Role of Edible Coatings to Improve the Quality and Shelf Life of Whole and Minimally Processed Fruits | University of Agriculture, Faisalabad | 5,716,492.00 |

| S.No. | Project No. | PI Name | Project Title | University/Institution | Total Cost (PKR) |
|-------|-------------|--------------------------|---|---|------------------|
| 25 | 1602 | Dr. Ghulam Murtaza | Optimisation of Nitrogen Use-Efficiency in Rice-Wheat Cropping System on Tile Drained Salt Affected Soils with Different Textures | University of Agriculture, Faisalabad | 5,879,871.00 |
| 26 | 1649 | Dr. Saeed Akhtar | Training Farmers for Home-Scale Preservation of Fruits and Vegetables to Curtail Post Harvest Losses | Bahauddin Zakariya University, Multan | 755,483.00 |
| 27 | 1681 | Dr. Mazhar Iqbal | Drug Discovery of Cyclopentenones, the Potential Small Molecule Anti-Viral Agents to treat Hepatitis C Disease | Pakistan Institute of Engineering & Applied Sciences, Islamabad | 3,962,524.00 |
| 28 | 1692 | Dr. Waqar Mahmood | Uhands: Ubiquitous Help and Safety Services in Emergency | University of Engineering & Technology, Lahore | 5,359,280.00 |
| 29 | 1734 | Dr. Muhammad Arif | Integrated Use of Biochar, Fym and Nitrogen Fertiliser for Enhancing Productivity of Cereal and Legume Based Cropping Patterns | NWFP Agriculture University, Peshawar | 1,174,705.00 |
| 30 | 1753 | Dr. Muhammad Saeed | Integrated Management of Horse Purslane (Trianthema Portulacastrum L.) in Maize Grown for Grain and Forage in Irrigated and rainfed areas of Khyber Pukhtunkhwa | NWFP Agriculture University, Peshawar | 689,319.00 |
| 31 | 1770 | Dr. Arshad Saleem Bhatti | Optical Characterisations of Low Dimensional Semiconductors (Elemental and Compound) for Sensor and Catalytic Applications | COMSATS Institute of Information Technology, Islamabad | 16,988,183.00 |

| S.No. | Project No. | PI Name | Project Title | University/Institution | Total Cost (PKR) |
|-------|-------------|-----------------------------|---|---|------------------|
| 32 | 1799 | Dr. Basit Yameen | A Combination of Magnetic Nanoparticles and Polymer Brushes: towards Development of Magnetically Assisted, High Capacity and Efficient Metal Ion Contaminated Water Remediation Adsorbent | Lahore University of Management Sciences, Lahore | 5,227,223.00 |
| 33 | 189 | Dr. Muhammad Arshad | Inducing Salt Tolerance in Cereals through Bacterial ACC-Deaminase Biotechnology | University of Agriculture, Faisalabad | 1,821,969.00 |
| 34 | 1908 | Dr. Muhammad Saeed | An Approach to Non-Chemical and Eco-Friendly Weed Management in Maize (Zea Mays L.) | NWFP Agriculture University, Peshawar | 1,946,027.00 |
| 35 | 1978 | Dr. Bashir Ahmad | Biological and Phytochemical Investigations of the Fruits of Sarcococca Saligna (D.Don) Muel | University of Peshawar, Peshawar | 1,868,568.00 |
| 36 | 2037 | Dr. Zahid Iqbal | Antihyperlipidemic Efficacy of Cinnamon in Albino Rats | Isra University, Hyderabad | 1,413,787.00 |
| 37 | 2049 | Dr. Syed Nawab Haider Naqvi | Investigating between Growth, Inequality and Poverty | Federal Urdu University of Arts, Sciences and Technology, Islamabad | 536,587.00 |
| 38 | 332 | Dr. Zia ur Rahman | Determination of Antibiotic Residues in Poultry Meat And Eggs | University of Agriculture, Faisalabad | 1,129,179.00 |
| 39 | 333 | Dr. Ashfaq Ahmad Maan | Determinants of Drug Addiction and its Implications for Human Immune Viral Syndrome (HIV) and Auto Immune Deficiency Syndrome (AIDS) in Pakistan | University of Agriculture, Faisalabad | 633,775.00 |
| 40 | 350 | Dr. Muhammad Akhtar Qureshi | Improvement of Sheep and Wool at Rawalakot | University of Poonch, Rawalakot | 1,498,857.00 |

| S.No. | Project No. | PI Name | Project Title | University/Institution | Total Cost (PKR) |
|-------|-------------|------------------------------|---|--|------------------|
| 41 | 4 | Dr. Shakil Akhtar Khan | Quality Control of Poultry Products | University of Veterinary and Animal Sciences, Lahore | 1,683,332.00 |
| 42 | 617 | Dr. Abdul Razzaq Ghumman | Investigation of Stream Water Quality and Development of Different Techniques for the Improvement in Pakistan | University of Engineering & Technology, Taxila | 1,691,087.00 |
| 43 | 716 | Dr. Muhammad Ahmad Choudhary | Develop Real Time Control Algorithms for Trajectory Planning and Vision Based Localisation for Non-Holonomic Mobile Robot | University of Engineering & Technology, Taxila | 3,070,911.00 |
| 44 | 728 | Dr. Naheed Ali | Ecology and Population Dynamics of Adult Mosquitoes with Particular Reference to Anophilines and their Vectorial Capacity in District Charsadda | University of Peshawar, Peshawar | 2,086,458.00 |
| 45 | 765 | Dr. Rashid Ahmad Khan | Conservation of Genetic Diversity of the Range Forage Resources in Cholistan | University of Agriculture, Faisalabad | 2,484,388.00 |
| 46 | 814 | Dr. Tahira Iqbal | Molecular Heterogeneity of Acetylation of Different Probe Drugs in Local Population | University of Agriculture, Faisalabad | 4,114,579.00 |
| 47 | 836 | Dr. Sadaf Naz | Molecular Characterisation of Dystonia and Wolfram Syndrome in Pakistan | University of the Punjab, Lahore | 3,430,553.00 |
| 48 | 890 | Dr. Amer Jamil | Studies on Poly(A) Site Strength and Interaction of 3'-End Processing of Mrna to Transcription for understanding the Mechanism of Gene Regulation in Eukaryotic Systems | University of Agriculture, Faisalabad | 5,918,241.00 |
| 49 | 893 | Dr. Muhammad Anis Ur Rehman | Preparation and Thermophysical Characterisation of Nano Ferrites | COMSATS Institute of Information Technology, Islamabad | 6,957,197.00 |

| S.No. | Project No. | PI Name | Project Title | University/Institution | Total Cost (PKR) |
|-----------------------|-------------|---------------------|--|--|-----------------------|
| 50 | 949 | Dr. Muhammad Ashraf | Bio-Equivalence Studies of Various Products of Amoxicillin in Buffalo Calves | University of Veterinary and Animal Sciences, Lahore | 4,331,297.00 |
| 51 | 978 | Dr. Sher Muhammad | | University of Agriculture, Faisalabad | 402,201.00 |
| Total Released | | | | | 152,927,082.00 |

Office of Research, Innovation and Commercialisation (ORIC)

In order to expand the horizon of research activities in HEIs the 'Higher Education Commission- HEC' started facilitating universities to organise all research activities under a single umbrella of "Offices of Research, Innovation & Commercialisation" (ORIC). The ORIC provides strategic and operational support to the University's research activities / programmes. ORIC plays a pivotal role in facilitating University's research and in transforming pure knowledge into products and production processes with the ultimate conclusion, which is community welfare.



Establishment of ORIC 2014-15

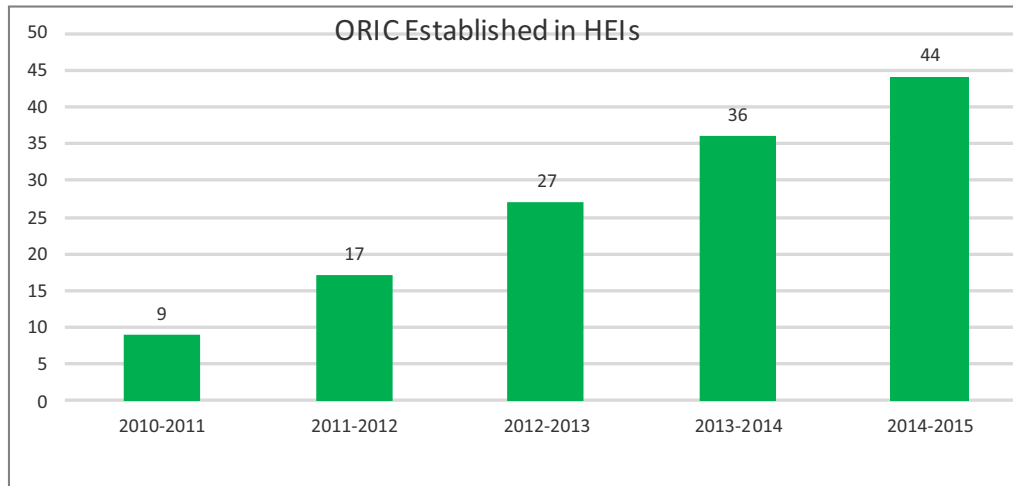
During 2014-15, 08 ORIC have been established. In total 44 ORIC have been established in the HEIs of Pakistan.

| List of Established and Notified ORIC | | | | |
|---------------------------------------|--|---------|----------|-----------------|
| S. No. | University/DAI Name | Sector | Province | Campus Location |
| 1 | Aga Khan University, Karachi | Private | Sindh | Karachi |
| 2 | DOW University of Health Sciences, Karachi | Public | Sindh | Karachi |
| 3 | University of Agriculture, Faisalabad | Public | Punjab | Faisalabad |
| 4 | University of Arid Agriculture, Rawalpindi | Public | Punjab | Rawalpindi |
| 5 | University of the Punjab, Lahore | Public | Punjab | Lahore |
| 6 | University of Veterinary & Animal Sciences, Lahore | Public | Punjab | Lahore |
| 7 | Sukkur Institute of Business Administration, Sukkur | Public | Sindh | Sukkur |
| 8 | Bahria University, Islamabad - BUI | Public | Capital | Islamabad |
| 9 | National University of Sciences & Technology, Rawalpindi | Public | Capital | Islamabad |
| 10 | Quaid-e-Azam University, Islamabad | Public | Capital | Islamabad |
| 11 | Institute of Space Technology, Islamabad (IST) | Public | Capital | Islamabad |
| 12 | Institute of Management Science, Peshawar (IMS) | Public | KPK | Peshawar |
| 13 | COMSATS Institute of Information Technology, Islamabad | Public | Capital | Islamabad |

| List of Established and Notified ORIC | | | | |
|---------------------------------------|---|---------|-------------|-----------------|
| S. No. | University/DAI Name | Sector | Province | Campus Location |
| 14 | Lahore University of Management Sciences, Lahore | Private | Punjab | Lahore |
| 15 | Foundation University, Islamabad | Private | Capital | Islamabad |
| 16 | University of Gujrat, Gujrat | Public | Punjab | Gujrat |
| 17 | University of Sargodha, Sargodha | Public | Punjab | Sargodha |
| 18 | Fatima Jinnah Women University, Rawalpindi | Public | Punjab | Rawalpindi |
| 19 | Government College University, Faisalabad | Public | Punjab | Faisalabad |
| 20 | NWFP University of Engineering and Technology, Peshawar | Public | KPK | Peshawar |
| 21 | University of Malakand, Chakdara, Dir, Malakand | Public | KPK | Malakand |
| 22 | Al-Khair University, Bhimber, AJ&K (Admissions allowed only at main campus, Bhimber, AJ&K) | Private | AJK | Bhimber |
| 23 | Institute of Business Administration, Karachi | Public | Sindh | Karachi |
| 24 | Khyber Medical University, Peshawar | Public | KPK | Peshawar |
| 25 | International Islamic University, Islamabad | Public | Capital | Islamabad |
| 26 | CECOS University of Information Technology and Emerging Sciences, Peshawar | Private | KPK | Peshawar |
| 27 | Mirpur University of Science and Technology | Public | AJK | Mirpur |
| 28 | University of Karachi, Karachi | Public | Sindh | Karachi |
| 29 | Baluchistan University of Information Technology and Management Sciences, Quetta | Public | Baluchistan | Quetta |
| 30 | Air University, Islamabad | public | capital | Islamabad |
| 31 | University of Haripur, Haripur | Public | KPK | Haripur |
| 32 | Greenwich University, Karachi | Private | Sindh | Karachi |
| 33 | IQRA University, Karachi | Private | Sindh | Karachi |
| 34 | University of Education, Lahore | Public | Punjab | Lahore |
| 35 | The University of Faisalabad, Faisalabad | Private | Punjab | Faisalabad |
| 36 | University of Management and Technology, Lahore | Private | Punjab | Lahore |
| 37 | University of Peshawar, Peshawar | Public | KPK | Peshawar |
| 38 | Abdul Wali Khan University, Mardan | Public | KPK | Mardan |
| 39 | NED University of Engineering and Technology, Karachi | Public | Sindh | Karachi |
| 40 | Gomal University, D.I. Khan - GUD or GUDIK | Public | KPK | D.I. Khan |
| 41 | Riphah International University, Islamabad | Private | Capital | Islamabad |
| 42 | Lahore College for Women University, Lahore | Public | Punjab | Lahore |

Graphical Representation of Established ORICs till 2014-15

Following chart represents ORICs established till 2015:



Representation of Established ORICs till 2015

Capacity Building Programme for ORIC HRs

- Designed an International study tour of Australia and Thailand on research commercialisation for ORIC Managers. A twelve day overseas Training cum exposure visit was organised by the TESP-HEC on "Managing & Facilitating Research in HEIs" for Managers and HRs of the Offices of Research Innovation and Commercialisation (ORIC). The Training was conducted by the AIT Extension Bangkok: 21 participants from different universities across the country have participated.
- Under the provision of HEC, 3rd Annual Entrepreneurship Conference 2014 "Learn, Create, Lead" was held on November 15, 2014 at Jinnah Convention Centre, Islamabad. People from all across Pakistan, participated in this conference and pledged to rebuild Pakistan through the strength of entrepreneurship. HEC chairperson, along with ORIC team also participated in the conference.
- One Day Session on 'Internal Compliance Procedures' was conducted on May 18, 2015 at Forman Christian College, Lahore. Directors and Managers ORIC, from KPK, and Punjab participated in this workshop.
- Doctoral Capacity Building Programme, University College London Institute of Education, UK - together with the Association of Commonwealth Universities is working in key partnership with the Higher Education Commission, Pakistan and the British Council, Pakistan to embed excellent doctoral programmes in several new public sector universities in Pakistan, and to strengthen other existing programmes. In this regard, three-day workshop was organised from May 12-14, 2015. Total 28 Participants from 13 universities participated in this workshop.

Workshops on Intellectual Property Rights

- In Phase III, representatives of five ORICs from regional universities (One from each region; Punjab, Sindh, KPK, Balochistan and AJK) visited USA in October 2014 to attend 'Training for New ORIC Group'.
- To take all the participants of said workshops onboard, to reassess and to determine next steps for technical assistant, a meeting of stakeholders was held at HEC on December 15-16, 2014. As a result of this effective collaboration, five universities have been able to develop and finalise their own IP policy while rest are in process.

ORIC Policy and Third Party Validation

World Bank conducted Third Party Validation (TPV) . Out of 13 ORIC, nine were awarded W-Category. TPV report has been circulated to all notified ORIC to improve their performance. New ORIC policy has been disseminated to all notified ORIC for the implementation with the prior approval of Chairman HEC.

HEC Outstanding Research Awards

This programme aims to acknowledge the high performance of the Pakistani faculty and researchers. It promotes a competitive research culture in higher education and R&D institutions. So far 161 awards have been conferred in five award ceremonies since 2009. Under the programme, applications are invited from researchers/scholars all over Pakistan in 5 categories for specified number of awards against each.

| Award Categories | Amount* | Number of Awards |
|-----------------------------|--------------------|------------------|
| Best Research Paper | 70,000/ per award | 37 |
| Best Young Research Scholar | 150,000/ per award | 9 |
| Best Innovator | 200,000/ per award | 1 |
| Best Book | 300,000/ per award | 9 |
| Total | | 56 |

| Financial Year | No. Of Applications Received | No. of Awards Approved/Conferred | Cash Price |
|----------------|------------------------------|----------------------------------|------------|
| 2014-15 | 289 | 27 | 2,450,000 |

Pak-France PERIDOT Research Programme

PERIDOT is the Franco-Pakistani Hubert Curien Partnership (PHC). It is implemented in Pakistan by the Higher Education Commission (HEC) and in France, by the Ministry of Foreign Affairs and International Development (MAEDI) and the Ministry of Higher Education and Research (MESR). The objective of this programme is to develop new scientific and technological cooperation between French and Pakistan's higher education institutions and research laboratories by supporting the mobility of researchers.

| Financial Year | No. of Projects Received | No. of Projects Approved | Grant of approved Projects |
|----------------|--------------------------|--------------------------|----------------------------|
| 2014-15 | 10 | 3 | 2,134,000 |

Pakistan Programme for Collaborative Research (PPCR)

Pakistan Programme for Collaborative Research allows university faculty working in Pakistan to go abroad, or researchers from technologically advanced countries to come to Pakistan. Preference is given to faculty members visiting foreign institutions that have recognised excellence in the relevant research area. Visits can last from one to four weeks while time period can be extended to more than four months in case of sabbaticals and are limited to one person (the visiting fellow) visit to an institute/department in the host institution. The visiting fellow and a person from the host institution (the host) are co-applicants of the proposal. The basic aim of this funding, which is open to all fields of research, is to initiate or to consolidate international collaborations. To reach this aim, short research activity between the host institution and the visiting fellow should be carried out during the stay. Preference will be given to activities that will support:

- Submission of papers to peer-reviewed scientific journals (co-authored by the visiting fellow and the host). The paper must be an effort of the joint research work being carried out by the applicants.
- Preparation of joint research proposals to be submitted for funding bodies. There must be previous communication with the applicant on the matter.
- Training for lab techniques in Pakistan for postgraduate students.

- Scientific or academic sabbatical for Pakistani faculty.
- Curriculum review by the international experts invited by Pakistani universities and/or HEC.
- Academic consultancy to review processes and procedures in the universities and/or HEC.

| Financial Year | No. of Projects Received | No. of Projects Approved | Grant of approved Projects |
|----------------|--------------------------|--------------------------|----------------------------|
| 2014-15 | 28 | 13 | 4,126,805 |

Patent Filing

Keeping in view the importance of patent filing HEC in July 2006 developed a programme through which research ideas, published papers or whatever ready to describe potential invention is evaluated for patentability. In case an invention is determined to be patentable, the inventor will be encouraged to file for an international patent.

- During this financial year, 30 applications/requests were entertained, 13 cases were filed at United States Patent and Trademark Office, USA.
- 07 filed cases were granted patent rights by USPTO, USA.
- US\$65,000/- paid to Pharmaceutical Scientist Inc. USA on account of filing patent applications.

Access to Scientific Instrumentation

In view of the high cost of acquiring and recurring maintenance of scientific equipment, HEC has initiated this programme which encourages sharing of scientific instrumentation facilities with students researchers/scholars. This initiative would enable the scientific community/scholars to have access to sophisticated equipment, and the use of the equipment would also serve as a source of funding for the institutions which make their instruments available to researchers.

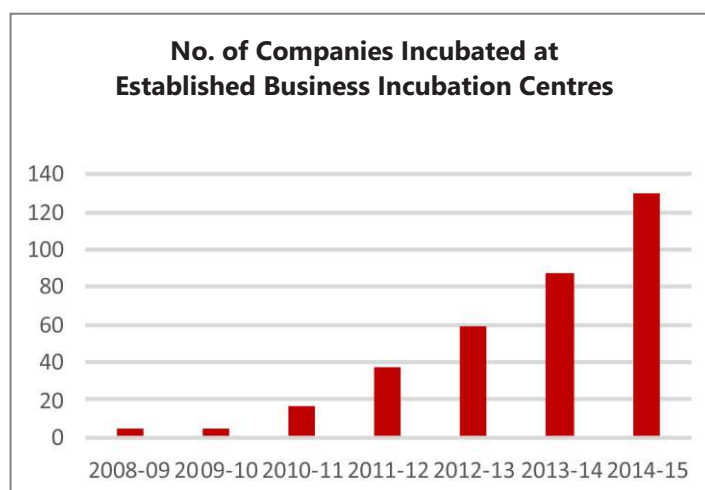
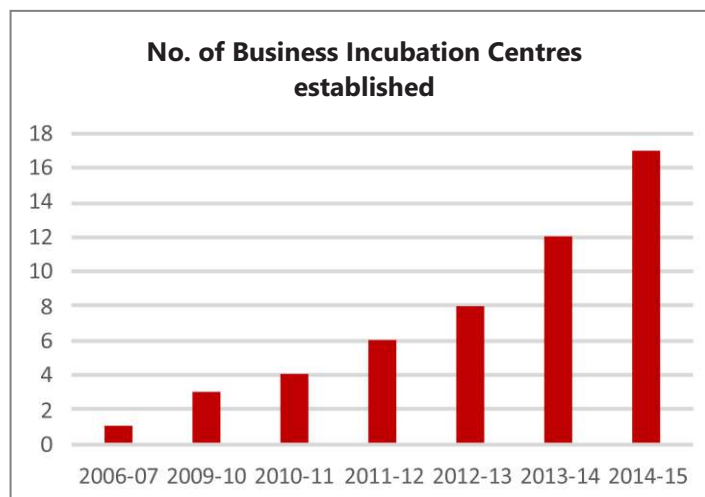
- 400 Scholars were awarded research support grant under ASIP
- An amount of Rs.14,739,719/- was paid to Analytical Service Providers

Establishment of Business Incubation Centres (BICs) at Public Sector Universities

Business Incubation is a business support process that accelerates the development of start-up companies by providing new entrepreneurs with an array of targeted resources and support services. Incubators support university graduates and students to be entrepreneurs and provide them jobs. BIC team with their management skills and mentoring/consultancy from university faculty as well as from business mentors help young entrepreneurs to refine their ideas and products and launch successful ventures. This project supports establishment of BICs in Public Sector Universities by provision of setup cost and allied expenses.

During 2014-15, five new Business Incubation Centres were established at University of Gujrat, Gomal University D. I. Khan, University of Azad Jammu & Kashmir, NED University of Engineering and Technology Karachi and Karakoram Intl University Gilgit. Under HEC-ILO collaborative programme for capacity building of Business development Services staff, a training of trainers of 14 partner

Universities/Organisations, with the ILO foreign expert, was conducted at FJWU Resource Centre Murree. Another two day session was arranged with the capital provider like First Women Bank, Akhuwat Foundation and Prime Minister Youth Loan programmes for meeting the financial needs of startups.



University Faculty Start-up Research Grant Programme

The Start-up Research Grant Programme (SRGP) is designed to assist the fresh PhD holders to establish research facilities upon joining higher education institutions as faculty members. The programme enables the newly appointed PhD faculty to setup basic research infrastructure for starting research activities without any delay. It helps to engage both the faculty and students in research through provision of financial assistance and basic lab/experimental facilities. During 2014-15, 300 research projects with the funding of Rs. 150 million have been granted under this project.

HEC Library

HEC Library is meeting information needs of all HEC employees, researchers, scholars, faculty members and students of Islamabad and vicinity by providing access to both digital and printed content. By using an integrated library management software Koha, and User friendly Online Public

Access Catalogue (OPAC), fully automated library is also accessible through LAN server for help of the user to search library material. Library also encourages reference queries by its front desk services.

| Achievements | |
|--------------|--|
| 1 | Provided the facility of Turnitin to scholars as well as HEC employees |
| 2 | Helped the scholars and faculty members in using Ulrich's International Periodical Directory |
| 3 | Purchased newspapers and journals |
| 4 | Issued NOC to HEC employees |

| Targets Achieved in Quantificational Term | |
|---|--|
| 1 | 3960 visitors visited the library and used digital resources |
| 2 | 130 books were Issued and returned |
| 3 | 32 Scholars were provided Turnitin facility |

PAK-US Science and Technology Cooperation Programme

The Pakistan-US Science and Technology Cooperation Programme is being implemented on the US side by the National Academies of Sciences and on the Pakistan side by Higher Education Commission. Both sides contribute funds to support the programme and conduct parallel peer review processes under which all grant proposals are evaluated. The basic goal of the programme is to improve the quality of research and to practically implement research based strategies in market for the well-being of ordinary people. To facilitate the purpose, this programme offers grants to U.S. and Pakistani researchers to collaborate on projects that facilitate capacity building in science, technology, and research at Pakistani universities and institutes.

So far, seven phases of the programme have been launched under which a very good number of quality research proposals have received funding.

| Achievements till 2011 of Phase-I, II, III & IV, V, VI, VII | |
|---|---------------------------------|
| Project Title | Status |
| PAK-US Phase-I (2005-2008) 8 projects | All research projects completed |
| PAK-US Phase-II (2006-2009) 9 projects | All research projects completed |
| PAK-US Phase-III (2007-2010) 14 projects | All research projects completed |
| PAK-US Phase-IV (2009-2014) 18 projects | 12 research projects completed |
| Phase –V (2012-2013) 10 projects | Projects Continued |
| Phase –VI (2014-15) 13 projects | Projects Continued |

National Digital Library Programme

Since its inception in 2003, National Digital Library Programme (NDLP) supports potential research workforce with the latest scientific information that could assist researchers to add value to their work. Digital library offers 22,000 plus e-journals, 1, 50,000 eBooks, six indexing services, and three standards database. Five hundred members consisting of universities, colleges are registered with this library and they are improving their publication profiles. Digital Library is performing following tasks:

| Main Task | |
|-----------|---|
| 1 | Liaison activities with publishers |
| 2 | Negotiations meetings with the publishers |
| 3 | Conducting workshops with the publishers |
| 4 | Awareness workshops |
| 5 | DL Trainings |
| 6 | Technical Support visits & Trainings to 500 sites |
| 7 | E-content payments |

| Achievements | |
|--------------|---|
| 1 | 9000 approx. publications in IF journals in 2014 |
| 2 | 9.5 million downloads |
| 3 | 5 users trained through quiz format |
| 4 | 20 awareness building trainings in different universities |
| 5 | 5 publishers trainings |
| 6 | 75 highly cited papers in field |

| Targeted Activities | |
|---------------------|---|
| 1 | Country-wide Free Trials for “ProQuest Dissertations & These” and “Summon” were started in May 2015 for 6 months |
| 2 | 4 Seminars were organised in coordination with HEC as per below: <ul style="list-style-type: none"> • On May 12, 2015 at Air University, Islamabad • On May 13, 2015 at Forman Christian College, Lahore • On May 14, 2015 at Government College University, Faisalabad • On May 15, 2015 at Aga Khan University, Karachi |

HEC Text Book and Monograph Writing Scheme

HEC started a project in 2003, entitled Text Book/Monograph Writing Scheme, to produce monographs and curricula based textbooks at cost of Rs. 35.312 million. Under the scheme, 50 monographs and 32 textbooks have been published. After the completion of the project in June 2013, the scheme was transferred to recurring programme for the FY 2014-15. Details of received proposals under the period 2014-15 are given below.

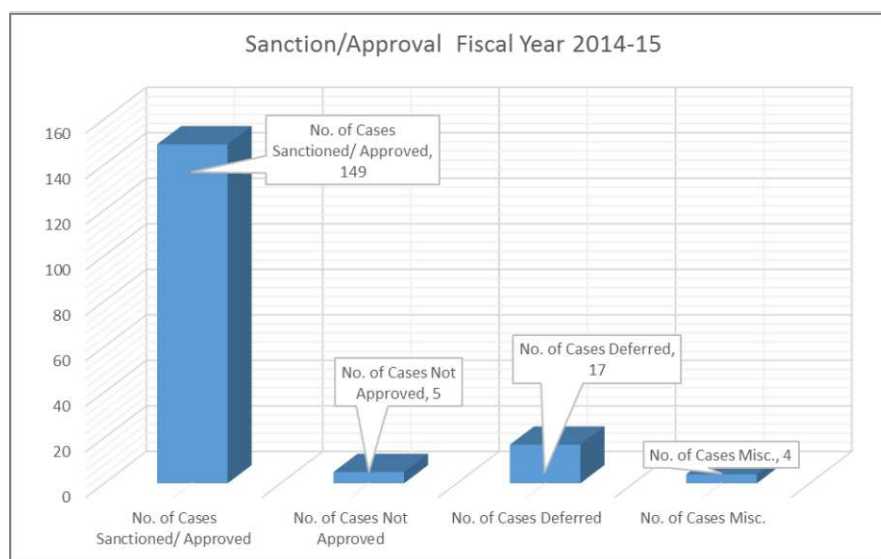
| Financial Year | Total Proposals Received | Proposals Considered for Processing | Rejection Letter | Award Letter | Books Published |
|----------------|--------------------------|-------------------------------------|------------------|--------------|-----------------|
| 2014-15 | 36 | 25 | 15 | 10 | 08 |

Grant to Organise Seminar, Conference, Symposium and Workshop

The promotion of research culture in Higher Education Institutions through Seminars, Conferences, Workshops or Symposia, is the top priority to Higher Education Commission (HEC). HEC provides financial grants to all Public Sector Universities, HEIs, DAIs, Centre of Excellence and Area Study Centres as well as Private Sector Universities/Institutes eligible for public funding to organise National or International level events in Pakistan. Through this initiative, HEC intends to develop a culture of research and knowledge sharing between Higher Education Institutions as well as the establishment of linkage between HEIs' and relevant industrial/corporate sectors.

Sanction/Approval Fiscal Year 2014-15 (Amount in PKR)

| Fiscal Year | No. of Cases Sanctioned/ Approved | Amount Sanctioned/ Approved | No. of Cases Not Approved | No. of Cases Deferred | No. of Cases Misc. | Total No. of Cases |
|-------------|-----------------------------------|-----------------------------|---------------------------|-----------------------|--------------------|--------------------|
| 2014-15 | 137 | 103,771,220 | 26 | 17 | 0 | 180 |



| Universities | Sectors | Provinces | No. of Cases Sanctioned/ Approved | Amount Sanctioned/ Approved (Amount in PKR) |
|--|---------|-------------|-----------------------------------|---|
| University of Azad Jammu and Kashmir, Muzaffarabad, Azad Kashmir, Muzaffarabad | Public | AJK | 3 | 2,861,500 |
| University of Poonch, Rawalakot | Public | AJK | 1 | 729,000 |
| Sardar Bahadur Khan Women University, Quetta | Public | Balochistan | 1 | 698,000 |
| Air University, Islamabad | Public | Federal | 2 | 1,511,000 |
| Allama Iqbal Open University, Islamabad (AIOU) | Public | Federal | 2 | 344,400 |
| Bahria University, Islamabad | Public | Federal | 2 | 1,371,000 |
| COMSATS Institute of Information Technology, Islamabad | Public | Federal | 7 | 6,633,000 |
| Federal Urdu University of Arts, Sciences and Technology, Islamabad | Public | Federal | 2 | 915,500 |
| Foundation University, Islamabad | Private | Federal | 2 | 1,695,500 |
| Institute of Space Technology, Islamabad (IST) | Public | Federal | 3 | 1,381,500 |
| International Islamic University, Islamabad | Public | Federal | 5 | 2,086,400 |
| National Defence University, Islamabad (NDU) | Public | Federal | 3 | 1,200,000 |
| National University of Computer and Emerging Sciences, Islamabad | Private | Federal | 2 | 1,730,000 |
| National University of Modern Languages, Islamabad (NUML) | Public | Federal | 4 | 2,563,600 |
| National University of Sciences and Technology, Rawalpindi/Islamabad (NUST) | Public | Federal | 8 | 6,840,000 |
| Pakistan Institute of Development Economics (PIDE), Islamabad | Public | Federal | 2 | 1,639,500 |
| Pakistan Institute of Engineering and Applied Sciences, Islamabad (PIEAS) | Public | Federal | 2 | 766,000 |
| Quaid-i-Azam University, Islamabad | Public | Federal | 1 | 1,494,000 |
| Riphah International University, Islamabad | Private | Federal | 2 | 2,742,000 |
| Shaheed Zulfiqar Ali Bhutto Medical University, Islamabad | Public | Federal | 1 | 820,000 |
| Hazara University, Dodhial, Mansehra | Public | KPK | 1 | 1,425,500 |
| Islamia College University, Peshawar | Public | KPK | 1 | 1,162,000 |
| Khyber Medical University, Peshawar | Public | KPK | 1 | 565,000 |
| Khyber Pakhtunkhwa Agricultural University, Peshawar | Public | KPK | 2 | 486,000 |
| Shaheed Benazir Bhutto University, Sheringal, Dir | Public | KPK | 2 | 1,618,500 |
| University of Haripur, Haripur | Public | KPK | 1 | 193,200 |
| University of Peshawar, Peshawar | Public | KPK | 2 | 1,379,500 |
| University of Swat, Swat | Public | KPK | 1 | 777,000 |
| Bahauddin Zakariya University, Multan | Public | Punjab | 4 | 3,814,000 |

| Universities | Sectors | Provinces | No. of Cases Sanctioned/ Approved | Amount Sanctioned/ Approved (Amount in PKR) |
|--|---------|-----------|-----------------------------------|---|
| Hazara University, Dodhial, Mansehra | Public | KPK | 1 | 1,425,500 |
| Islamia College University, Peshawar | Public | KPK | 1 | 1,162,000 |
| Khyber Medical University, Peshawar | Public | KPK | 1 | 565,000 |
| Khyber Pakhtunkhwa Agricultural University, Peshawar | Public | KPK | 2 | 486,000 |
| Shaheed Benazir Bhutto University, Sheringal, Dir | Public | KPK | 2 | 1,618,500 |
| University of Haripur, Haripur | Public | KPK | 1 | 193,200 |
| University of Peshawar, Peshawar | Public | KPK | 2 | 1,379,500 |
| University of Swat, Swat | Public | KPK | 1 | 777,000 |
| Bahauddin Zakariya University, Multan | Public | Punjab | 4 | 3,814,000 |
| Fatima Jinnah Women University, Rawalpindi | Public | Punjab | 2 | 1,896,000 |
| Forman Christian College, Lahore | Private | Punjab | 3 | 2,553,900 |
| Government College University, Faisalabad | Public | Punjab | 1 | 980,500 |
| Government College University, Lahore | Public | Punjab | 6 | 5,956,950 |
| Islamia University, Bahawalpur | Public | Punjab | 2 | 2,783,500 |
| Kinnaird College for Women, Lahore | Public | Punjab | 1 | 657,000 |
| Lahore University of Management Sciences (LUMS), Lahore | Private | Punjab | 2 | 1,056,250 |
| National Textile University, Faisalabad | Public | Punjab | 1 | 1,400,000 |
| Pir Mehr Ali Shah Arid Agriculture, University Rawalpindi | Public | Punjab | 1 | 195,000 |
| The University of Faisalabad, Faisalabad | Private | Punjab | 1 | 1,128,500 |
| University of Engineering and Technology, Lahore | Public | Punjab | 4 | 3,073,100 |
| University of Gujrat, Gujrat | Public | Punjab | 3 | 769,000 |
| University of Health Sciences, Lahore | Public | Punjab | 1 | 1,456,500 |
| University of Lahore, Lahore | Private | Punjab | 2 | 1,469,500 |
| University of Management and Technology, Lahore | Private | Punjab | 1 | 339,000 |
| University of Sargodha, Sargodha | Public | Punjab | 3 | 1,377,120 |
| University of the Punjab, Lahore | Public | Punjab | 4 | 2,364,000 |
| University of Veterinary and Animal Sciences, Lahore | Public | Punjab | 5 | 2,530,500 |
| Virtual University of Pakistan, Lahore | Public | Punjab | 1 | 110,000 |
| Institute of Business and Technology, Karachi | Private | Sindh | 1 | 246,000 |
| Iqra University, Karachi | Private | Sindh | 1 | 1,144,000 |
| Isra University, Hyderabad | Private | Sindh | 6 | 4,060,400 |
| Mehran University of Engineering and Technology, Jamshoro | Public | Sindh | 3 | 3,733,600 |
| Quaid-e-Awam University of Engineering, Sciences and Technology, Nawabshah | Public | Sindh | 3 | 2,224,800 |

| Universities | Sectors | Provinces | No. of Cases Sanctioned/ Approved | Amount Sanctioned/ Approved (Amount in PKR) |
|--|---------|-----------|-----------------------------------|---|
| National Textile University, Faisalabad | Public | Punjab | 1 | 1,400,000 |
| Pir Mehr Ali Shah Arid Agriculture, University Rawalpindi | Public | Punjab | 1 | 195,000 |
| The University of Faisalabad, Faisalabad | Private | Punjab | 1 | 1,128,500 |
| University of Engineering and Technology, Lahore | Public | Punjab | 4 | 3,073,100 |
| University of Gujrat, Gujrat | Public | Punjab | 3 | 769,000 |
| University of Health Sciences, Lahore | Public | Punjab | 1 | 1,456,500 |
| University of Lahore, Lahore | Private | Punjab | 2 | 1,469,500 |
| University of Management and Technology, Lahore | Private | Punjab | 1 | 339,000 |
| University of Sargodha, Sargodha | Public | Punjab | 3 | 1,377,120 |
| University of the Punjab, Lahore | Public | Punjab | 4 | 2,364,000 |
| University of Veterinary and Animal Sciences, Lahore | Public | Punjab | 5 | 2,530,500 |
| Virtual University of Pakistan, Lahore | Public | Punjab | 1 | 110,000 |
| Institute of Business and Technology, Karachi | Private | Sindh | 1 | 246,000 |
| Iqra University, Karachi | Private | Sindh | 1 | 1,144,000 |
| Isra University, Hyderabad | Private | Sindh | 6 | 4,060,400 |
| Mehran University of Engineering and Technology, Jamshoro | Public | Sindh | 3 | 3,733,600 |
| Quaid-e-Awam University of Engineering, Sciences and Technology, Nawabshah | Public | Sindh | 3 | 2,224,800 |
| Shah Abdul Latif University, Khairpur | Public | Sindh | 1 | 1,057,000 |
| Sindh Agriculture University, Tandojam | Public | Sindh | 1 | 1,235,500 |
| University of Karachi, Karachi | Public | Sindh | 6 | 6,472,500 |
| University of Sindh, Jamshoro | Public | Sindh | 1 | 58,500 |
| Total | | | 137 | 103,771,220 |

Geographical Distribution of Sanction / Approval Fiscal Year 2014-15

| Provinces | No. of Cases Sanctioned/ Approved | Amount Sanctioned/ Approved (Amount in PKR) |
|--------------|--------------------------------------|--|
| Punjab | 48 | 35,910,320 |
| Federal | 50 | 35,733,400 |
| KPK | 11 | 7,606,700 |
| Sindh | 23 | 20,232,300 |
| Balochistan | 1 | 698,000 |
| GB | 0 | 0 |
| AJK | 4 | 3,590,500 |
| Total | 137 | 103,771,220 |

Reimbursement Fiscal Year 2014-15 (Rupees in PKR)

| Fiscal Year | Budget Allocation | Expenditure/ Reimbursement During Fiscal Year | %age Expenditure |
|-------------|-------------------|--|------------------|
| 2014-15 | 100,000,000 | 69,603,561 | 70% |

| Travel Grant | |
|---|-------------------|
| No. of Travel Grant Approved/Sanctioned | 691 |
| Approved/Sanctioned Amount | Rs. 101,481,607/- |

Social Integration Outreach Programme

This specific programme is designed to encourage universities /HEI's to integrate their research and teaching activities with the local market through community engagement. Through this programme HEIs/Universities will provide a platform to the local community in their periphery for the identification of problems and presentation of their solutions.

Each year, HEC selects a specific theme and floats a call for proposals. During the first year of its execution (Fiscal Year 2014-15), the theme was 'Health & Hygiene (awareness on Hepatitis, Dengue, Polio & Tuberculosis & Energy Saving)', in response to which total fifty-two projects were submitted, out of which 19 projects were approved for the execution period of 03 months. The total cost of the approved projects for the Fiscal Year 2014-15 is Rs. 7.31 Million, with equal contribution from the relevant host universities.

Knowledge Economy Partnership

The Higher Education Commission of Pakistan and the British Council initiated this bilateral cooperation programme during the Fiscal Year 2014-15. The objective of this programme is to

reinforce existing cooperation between HEC and the British Council in the field of higher education and research.

Under this programme, 14 collaborative research projects each for execution period of three years have been awarded after a thorough review process. During the current Fiscal Year, 1st year installment, amounting to Rs. 24.44 Million has been released.

HEC-BC Researcher Links Programme

During the Fiscal Year 2014-15, the 'HEC-BC Research Links Programme', was approved under an agreement between Higher Education Commission and the British Council. The purpose of the programme is to bring together the academic community for utilising common ground. This initiative also provides a platform for early career researchers.

This programme comprises of thematic workshops and travel grants to be co-funded by Higher Education Commission and British Council. Under this programme, a proposal of five workshops has been approved, and for the completion of this activity a total amount of Rs. 11.516 Million have been released by HEC.



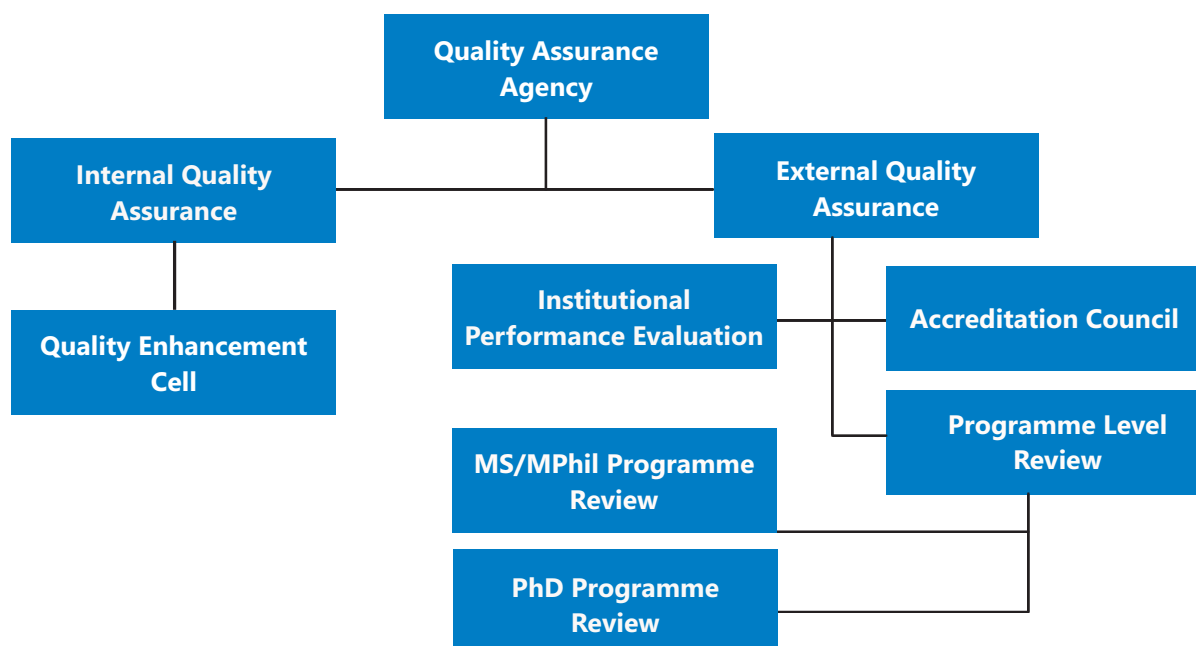
Quality Assurance Agency



Quality Assurance Agency (QAA)

To ensure the academic quality at Higher Education Institutes (HEIs), Quality Assurance Agency operates in two domains of Internal Quality Assurance (IQA) and External Quality Assurance (EQA). Under the domain of Internal Quality Assurance, QAA-HEC not only enables HEIs to assess their academic programmes/institutes themselves, but also prepares them for external evaluation. On the other hand, the basic aim of External Quality Assurance (EQA) is to reinforce the objectives of IQA. The working of this section includes both Institute Level Review and Programme Level Review.

The Institute Level Review is a group of activities that covers evaluation of an HEI from all aspects including quality and governance. For the purpose, the section plans and administers the activities with respect to Institutes' Performance Evaluation (IPE) against 11 defined standards of IPE, after every five years. A panel nominated by QAA-HEC conducts visits and collects data from the focused HEIs in the form of the University Portfolio Report [UPR]. On the basis of the collected data, section evaluates HEIs against the defined standards and reports.



For the Programme Level Review, separate sections for undergraduate, MS/MPhil and PhD level programmes work to ensure compliance of HEC's minimum criteria for these programmes and enhance their quality to make them internationally compatible. This section ensures that all the undergraduate level programmes of HEIs are accredited by their respective Accreditation Councils. For the purpose, this section administers activities related to establishment of new Accreditation Councils, coordinates with the existing councils, assesses the performance of Accreditation Councils and take initiatives for their capacity building. Also, it plans and supervises activities related to conducting periodic review visits (after three years) of all DAIs that are offering postgraduate level programmes, as per the defined review process. It is pertinent to mention here that the process of evaluation is performed comprehensively and on occasional basis. Following is the overview of different sections working under the umbrella of Quality Assurance Agency (QAA).

A. Internal Quality Assurance

The Quality Assurance Agency strategised its Internal Quality Assurance Policy (IQA) in 2006. Under this policy, HEIs are required to establish a separate section/department within the organisation, which is directly reporting to the Vice Chancellor. Formerly, these sections/departments were called Quality Enhancement Cells (QEC). Later on, these cells were renamed as Quality Assurance Directorates (QAD). The basic aim of Internal Quality Assurance is to make certain the establishment of Quality Assurance Directorates (QAD) and the implementation of IQA mechanism in all HEC recognised HEIs of Pakistan. This is done by administrating the activities related to the formation of Quality Enhancement Cells (QEC) and monitoring the process of IQA. Several periodic Progress Review Meetings and Monitoring Visits are conducted. Though Quality Assurance Cells/Directorates work under the administrative control of Vice Chancellors, QAA-HEC gives the operational guidelines in the form of Self-Assessment Manual and other parameters as mentioned in score card.

The quality of IQA in an HEI is measured quantitatively by using a score card. In the beginning, assessment was done biannually. Since assessment year 2013-14, it is done on annual basis. Each year, the assessment period starts from 1st July and ends on 30th June of the next year. The assessment is rated in terms of percentage and reflected in the form of four quality levels/grades i.e. W, X, Y, Z. A good IQA mechanism is an HEI infers that it is ready for external evaluations by QAA-HEC, Accreditation Councils or any third party.

The progress against IQA policy is determined against certain indicators, as mentioned below for the assessment year 2014-15:

| | | |
|-----------|--|-----|
| a. | Establishment of QECs during 2014-15: | |
| i. | QECs established in 2014-15 | 31 |
| ii. | Total number of QECs till June 2015 | 147 |
| b. | Capacity Building of Staff of HEIs in General and QECs in Particular: | |
| i. | Total Capacity Building workshops held till June 2015 | 23 |
| ii. | Workshops held during 2014-15 for 76 QECs | 4 |
| iii. | Total workshops held to date | 27 |
| c. | Progress Review Meetings and Bi-Annual/Annual Assessment: | |
| i. | Progress Review Meetings till June 2014 | 45 |
| ii. | Progress Review Meetings during 2014-15 for 84 QECs | 4 |
| iii. | Total Progress Review Meetings held till June 2015 | 49 |



A view of Progress Review Meeting of Universities (Phase I and II)

Furthermore, quantitative assessment of 116 QECs was also completed. On the basis of the results, a descriptive analysis against all the parameters of Score Cards was completed for the guidance of stakeholders.

The salient indicators are given below:

- I. Number of HEIs undertaken for Quantitative Assessment till June 2015: 116
- ii. Out of 110 HEIs assessed quantitatively, 73% fall within satisfactory range of W & X.

d. Reviewing and Updating the IQA Criteria and Standards in the Light of Implementation Feedback:

I. Due to the lack of staff, the IQA criteria and standards could not be reviewed. However, the procedures for recording/maintaining data with respect to Self-Assessment at HEIs and data flow from HEIs to QAA-HEC were upgraded and records were maintained accordingly. Efforts aimed at incorporating and strengthening IQA mechanism in HEIs facilitate the process of External Quality Assurance (EQA). Due to the awareness created through IQA activities, HEIs fulfil the criteria and EQA teams come up with least observations when they visit HEIs for Programme or Institute Level Reviews.

Though IQA strategy has been very useful in assuring and enhancing the standard of education in Pakistan, it could be useless without any external check. Therefore, to re-ensure the national objectivity, QAA-HEC also conducts external reviews at both Institute and Programme Levels.

B. External Quality Assurance

The Quality Assurance Agency, Higher Education Commission, Pakistan (QAA-HEC) terms all those activities which are performed to ensure national objectivity of quality education occasionally through external teams as "External Quality Assurance (EQA)". Although, EQA is a planned external mechanism and is conducted on both Institute and Programme Level, it is not as continuous as IQA. QAA-HEC establishes Programme Accreditation Councils to conduct extensive job of assuring quality standards at Programme Level. Also, QAA-HEC undertakes responsibility to build and enhance accreditation capacity of these councils.

B.1 Programme Accreditation Councils

The Programme Accreditation Councils are set up as an accreditation authority to periodically evaluate, scrutinise and monitor the quality standards followed and offered in different Degree Awarding Institutions (DAIs) and their affiliated colleges.

The Higher Education Commission established five Programme Accreditation Councils in the areas of Agriculture, Business, Computing, Teacher and Technology Education. The prime objective of these councils is to standardise the quality of programmes which are being offered by universities. HEC is also establishing two more Accreditation Councils in the areas of Life Sciences and Allied Health Sciences.

Before the inception of HEC, nine accreditation councils were established under a parliamentary act namely; Pakistan Council for Architects and Town Planners (PCATP), Pakistan Bar Council (PBC), Pakistan Engineering Council (PEC), Pakistan Medical and Dental Council (PM&DC), Pakistan Nursing Council (PNC), Pakistan Veterinary Medical Council (PVMC), National Council for Tibb (NCT), Pharmacy Council of Pakistan (PCP) and National Council for Homeopathy (NCH).

| Roles/Functions Of Accreditation Councils | |
|---|--|
| 1 | To form Inspection Committees for accreditation |
| 2 | To promote quality education in respective field |
| 3 | To conduct Zero Visit of the institution |
| 4 | To develop guidelines and procedures for programmes and institutions |
| 5 | To evolve guidelines for ensuring "no conflict of interest" |
| 6 | To facilitate the institutions for getting Accreditation |
| 7 | To conduct region wise seminars on Accreditation Process and Importance |
| 8 | To prepare Programme Evaluators' Training Manual/Self-study Questionnaire and draft other relating forms and templates |
| 9 | To review and improve policies and procedures for accreditation of academic programmes |
| 10 | To publicise list of accredited programmes |

| Parameters For Accreditation Of Degree Programmes | |
|---|--|
| 1 | The overall scope and structure of the programme |
| 2 | The curricula/syllabi |
| 3 | The requisite infrastructure |
| 4 | The faculty |
| 5 | The level of compatibility with international standards and trends |
| 6 | The level of Skill Development by the programme |
| 7 | The student support services |
| 8 | The laboratory/library facilities (if needed) |
| 9 | The facilities for student activities and other amenities |

HEC Funds Workshops/Trainings of Programme Evaluators: QAA-HEC conducted 11 workshops of Pakistan Engineering Council (PEC), National Accreditation Council for Teacher Education (NACTE), National Business Education Accreditation Council (NBEAC), National Agriculture Education Accreditation Council (NAEAC), National Computing Education Accreditation Council (NCEAC) and Pakistan Council of Architects and Town Planners (PCATP) in collaboration with the respective councils at Islamabad. Each workshop was conducted for a duration of three days. The objective of these workshops was to train maximum of 30 selected assessors/evaluators representing different universities across the country and enhance their skills to undertake accreditation inspection according to the set criteria of the respective council.

PEC conducted a three day training workshop for their Programme Evaluators on March 3-5, 2015. Dr. Kai Sang Lock from Singapore was Resource Person and hundred evaluators got training through the workshop.

Parent Alert: QAA publishes a "Parent Alert" in all major newspapers before the start of new admissions in all leading newspapers of Pakistan, twice a year. The Alert advises the parents and students to take admission in those Institutions and Programmes that are accredited by the respective councils. Similarly, Programme Accreditation Councils also publicise list of accredited programmes in leading newspapers for the awareness of public at large.

Signing Memorandum of Understanding (MoU) with Programme Accreditation Councils:

HEC signed MoU with Pakistan Engineering Council on 15th May, 2015. Mostly, these Accreditation Councils have been mandated to accredit academic programmes of graduate level (16 years of education). QAA HEC, itself reviews all the post graduate level programmes. The detailed report is as follows:

B.2 MS/MPhil and Equivalent Programme Review

The QAA-HEC has the mandate to ensure and enhance quality of higher education by devising viable strategies. Considering the importance of implementing External Quality Assurance Mechanism, QAA-HEC has established Accreditation Councils for the quality assurance of undergraduate qualification in different disciplines and initiated PhD Programme Review Process for quality assurance of doctoral qualifications.

Due to mushroom growth of Degree Awarding Institutions (DAIs) and increasing demand of higher qualification, almost all the DAIs and their Constituent/Affiliated Institutions have started MS/MPhil, and equivalent programmes. Since, Quality Assurance Mechanism has not been developed, these degrees are being awarded without passing through any External Quality Assurance Mechanism.

Considering the importance of this issue, QAA-HEC, on the directives of Chairman HEC, developed a process to review the MS/MPhil and Equivalent Degree Programmes in December, 2014. The MS/MPhil and Equivalent Programme Review Process is being designed, based upon the successfully implemented PhD Programme Review Process.

The MS/MPhil and Equivalent Degree Programme Review Process of four universities was completed up to June 2015 on the basis of data provided by DAIs, in which 43 MS/MPhil and Equivalent Programmes were reviewed by the MS/MPhil and Equivalent Programme Review Committees. The Committees, after reviewing the data, instructed DAIs to stop further intake in 26 programmes for non-adherence of minimum quality criteria defined by HEC.

B.3 PhD Programme Review

HEC took an initiative of starting PhD Progress Review Process to ensure the quality of Doctorate Level Education. The PhD Review Committee has so far completed three cycles to assess the programmes at PhD level in 2005, 2007 and 2012 throughout the institutions of the country.

Considering the importance of External Quality Assurance Mechanism for PhD Programmes, QAA-HEC revised the entire review process. The fourth cycle of the PhD Programme Review visits is in process. The newly designed checklist has been circulated to all the DAIs that are offering PhD Programmes for gathering data pertaining to PhD scholars.

The PhD Programme Review process of 225 PhD programmes of 31 universities was completed till June, 2015 on the basis of data provided by DAIs. The Review Committee instructed institutions to stop further intake in 31 PhD programmes and halted proceedings of 11 PhD Programmes that were not meeting the minimum criteria laid down by HEC.

Later, the Review Committee revisited some of these universities and withdrew the bar on further intake from programmes that fulfilled the HEC criteria. Core functions in any organization cannot perform well unless surrounding environment created by the support activities is fertile. Similarly, even an excellent Internal Quality Assurance cannot produce the desired results unless it is reinforced. The Institutional Performance Evaluation is that reinforcing function, which is performed by QAA-HEC. It is an umbrella activity that assures the conducive ability of a university / HEI in favour of its core functions. The detailed introduction and progress done during the reporting year follows:

B.4 Institutional Performance Evaluation (IPE)

B.4.1 Introduction

HEC has taken a significant initiative of performance based Institutional recognition and started with primary step of outlining the Performance Evaluation Standards for the HEIs to be used for the purpose. A total of 11 standards are defined and each one of these articulates a specific dimension of the institutional quality. Thus, all the 11 standards are equally important to be met by the HEIs to achieve the recognition status as a certification to quality provision in higher education. Following are the eleven standards:

| The Eleven Standards | |
|-----------------------------|------------------------------------|
| Standard 1 | Mission Statement and Goals |
| Standard 2 | Planning and Evaluation |
| Standard 3 | Organisation and Governance |
| Standard 4 | Integrity |
| Standard 5 | Faculty |
| Standard 6 | Students |
| Standard 7 | Institutional Resources |
| Standard 8 | Academic Programmes and Curricula |
| Standard 9 | Public Disclosure and Transparency |
| Standard 10 | Assessment and Quality Assurance |
| Standard 11 | Student Support Services |

B.4.2 Objective

Quality has remained at the top of the agenda in all HEC Medium Term Development Frameworks. The goal has ultimately been to develop and implement high standards of quality across all university activities in order to make it compatible with the rest of the world. Compliance to these standards will not only improve the overall system of governance and quality of the teaching but also it will make tremendous contribution in the student learning experience as a whole.

B.4.3. Achievements

During this fiscal Year 2014-15, as many as 11 Higher Education Institutions (HEIs) have been evaluated by QAA. Beside these IPE review visits, several review visits of HEIs have been made during this fiscal year in order to review the Governance and Quality system and structure of these institutions as part of IPE.



Academics



Academics

The Academics Division of Higher Education Commission establishes and supports programmes aimed at encouraging a learning culture in higher education institutions of Pakistan. It assists researchers and academicians in bridging the gap in academia and R&D sector of the country through:

- Promotion of research
- Faculty development
- International collaboration
- Extracurricular activities
- Curriculum Revision & Circulation

1) Promotion of Research

- A. Development of Social Sciences in Pakistan
- B. Thematic Research Grant Programme
- C. Institutional Strengthening and Upgradation of Laboratories and Libraries

A. Development of Social Sciences in Pakistan:

Social Sciences Section was established in FY 2005-06 under the aegis of Academics Division, HEC. The section was vested with a responsibility to foster research and innovation in Social Sciences fields and mobilise necessary knowledge to address indigenous social issues for socio-economic development of the country. Since its inception, the Social Sciences Section embarked upon an agenda of initiating plans for social transformation by building knowledge and expertise on key social and cultural issues and encouraging Social Scientists and researchers in carrying out meaningful research for national benefit. These objectives are achieved through a diverse array of initiatives. A snapshot of the initiatives is presented as under:

i. Recognition of Research Journals

(Social Sciences, Arts, Humanities and Business Education):

Social Sciences Section is shouldered with a responsibility of providing a springboard for promotion of Social Sciences research journals across the disciplines of Social Sciences, Arts & Humanities and Business Education. In this connection, the section deals with cases relating to evaluation, recognition, funding and upgradation of research journals. A total of **131** National Research Journals have been recognised and funded since 2005-2006.

| 2005-06* | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | G.T |
|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----|
| 45 | 10 | 9 | 11 | 12 | 8 | 4 | 4 | 12 | 16 | 131 |

* Recognition of Research Journals initiated in financial year 2005-06

ii. Workshops for Editors of HEC Recognised Research Journals:

In order to enhance quality of research journals and to introduce modern research trends and methodologies in editing; workshops for editors of research journals of Social Sciences are organised as an annual activity. So far, **18** workshops have been organised since 2005-06.

| 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 | G.T |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| 1 | 1 | 2 | 2 | 2 | 3 | 1 | 1 | 2 | 3 | 3 | 18 |

iii. Verification of National and International Research Publications of Faculty Members:

Research Publications of Scholars in HEC recognised foreign journals are verified in the light of criteria set by the committee of experts. As many as **1605** cases of faculty members in the field of Social Sciences, Arts & Humanities and Business Education from around the country have been verified since 2005-06.

| 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | G.T |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| 70 | 180 | 120 | 230 | 210 | 180 | 70 | 90 | 175 | 280 | 1605 |

iv. Evaluation of Books:

Every year, Academic Division receives a large number of books of in the disciplines of Social Sciences, Arts, Humanities and Business Education for grant of equivalence to research publications. These cases are evaluated/ reviewed by relevant committees of subject experts and decisions are conveyed to the concerned authors accordingly. So far, a total of **1663** cases relating to books evaluation have been decided and equivalence issued since 2005-06.

| 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | G.T |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| 42 | 90 | 135 | 192 | 243 | 186 | 90 | 110 | 240 | 335 | 1663 |

v. Evaluation of TTS/ BPS/ Meritorious Professors Cases in the Subjects of Social Sciences, Arts, Humanities and Business Education:

Individual cases for verification of research publications in areas of social sciences are decided for appointment of faculty members under Basic Pay Scale/ Tenure Track System (TTS) in the public sector universities. As a whole, **350** cases have been evaluated and decided since 2006-07.

| 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | G.T |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------------|
| 32 | 25 | 31 | 44 | 35 | 38 | 18 | 30 | 45 | 52 | 350 |

vi. Annual Social Sciences Conference:

An International Social Sciences Conference is held annually by the Social Sciences Section with an aim to promote research culture in Pakistan. Three International Social Sciences Conferences were organised in the 2011, 2013 and 2015 respectively.

B. Thematic Research Grant Programme

Thematic Research Grant Programme (TRGP) was initiated through Social Sciences & Humanities Research Council of Pakistan (SSHRCP), Higher Education Commission in 2009 to address the prevailing issues of the country. Seasoned scholars from academia having an enriched research background apply for this grants under various themes pertaining to Social Sciences and Humanities disciplines. HEC provides research grants up to a maximum of Rs. 10 million against research projects. Grants are awarded for a period of one year in two biannual installments. Details of the projects awarded and grants allocated to the TRGP projects are as under:

Overview of TRGP Total Projects and Budgetary Allocation

| S. No. | Year | Total Projects Awarded | Total Budget (Rs. in Millions) |
|--------|---------|------------------------|--------------------------------|
| 1. | 2009-10 | 03 | 2.680/- |
| 2. | 2011-12 | 17 | 53.86/- |
| 3. | 2014-15 | 20 | 67.35/- |

i. Impact of HEC's Social Sciences Development Initiative:

The HEC's Social Sciences initiative of supporting the local research journals has provided a viable platform to the seasoned as well as budding researchers of Pakistan to publish their quality research work which is well geared to the issues of the of Pakistani society. The verification of publications of faculty for BPS/TTS appointments has furthered the objective of HEC for ensuring meritocracy. Cost free research Training workshops, TRGP grants are building the research capacity of both the PhD students as well as faculty. The Editors training workshops is also developing the skills of editors in modern methodologies of editing. The International Social Science Conferences on the themes of national interest and concern has provided a forum for the social scientists to extrapolate and deliberate upon those issues with the aim to identify potential solutions.

C. Institutional Strengthening and Up-gradation of Laboratories and Libraries:

The objective of this programme is to support and strengthen higher education institutions by giving grants up to one million (maximum) for up-gradation of their laboratories and libraries through purchase of small to medium sized scientific equipment, library material, consumables and glassware etc. A total of 30 proposals were funded in different universities of country during 2014-15. An overview of the proposals funded during last seven years is as follows:

| Year | Funds Released (Million) | Proposal Approved |
|---------|--------------------------|-------------------|
| 2008-09 | 20.44 | 22 |
| 2009-10 | 13.25 | 15 |
| 2010-11 | 17.25 | 25 |
| 2011-12 | 7.24 | 11 |
| 2012-13 | 20.55 | 23 |
| 2013-14 | 36.26 | 41 |
| 2014-15 | 69.00 | 40 |

2) Faculty Development

- i. Civil Awards
- ii. Best University Teachers Award

i. Civil Awards:

The nominations for the Civil Awards were invited on the prescribed proforma from all public and private sector universities/ DAIs. Nominations received from the different universities/DAIs were consolidated and placed under following categories.

- a. Social Sciences, Humanities and Business Education.
- b. Arts, Design and Architecture
- c. Natural, Basic and Applied Sciences including Engineering, Medicines, Agriculture etc.
- d. University Managerial and Administrative Personnel (including Vice Chancellors, Registrars, Controller of Examinations, Directors etc.)

After detailed consideration and keeping in view the excellent contribution and outstanding position in the relevant field, the Committee recommended 18 academicians for various Civil Awards to Cabinet Division under the categories from which the most of the HEC nominees were selected for the Civil Award 2015 and will be awarded on August 14, 2015.

ii. Best University Teacher Awards:

The Best University Teacher Award Scheme was commenced with the aim to recognise the relentless efforts of Faculty Members of Universities. The HEC's project "Best University Teachers Award" under which every year, outstanding university teachers are conferred upon an award comprising a cash prize of Rs. 100,000/- each and a certificate for their outstanding contribution.

For the year 2012-2013, the ceremony was held on December 23, 2014. Mian Riaz Hussain Pirzada Federal Minister for Inter Provisional Coordination was the Chief Guest on this occasion. HEC conferred 45 awards upon teachers from public and private sector universities.



3) International Collaboration

- i. Foreign Students Admission
- ii. MoUs/Agreements
- iii. JECs/JMCs
- iv. Foreign Delegation
- v. Activities pertaining to SAARC

vi. Foreign Students Admission

Academics Division encourages and facilitates admissions of foreign students as well as Pakistan-origin dual nationality holders settled abroad in universities/ DAIs of Pakistan. It also aims at creating goodwill of our country with foreign world and to earn foreign exchange for country.

a) Admission of foreign students in the discipline of MBBS, BDS Pharm-D and Engineering under Self Finance Scheme (Professional Stream)

The Higher Education Commission is processing the admission of foreign students under Self Finance Scheme against reserved seats in the disciplines of MBBS, BDS, Pharm-D and Engineering in different universities of Pakistan. Under professional stream in the year 2013-14, placements were made against 365 seats available for MBBS, BDS, Pharm-D and Engineering Disciplines.

b) Admission of Foreign Students (General Stream)

Under the General Stream, foreign students apply for admission directly to the desired universities/ institutions. The HEC issues NOC/endorse the admission in order to confirm the authenticity of university/ institution and to facilitate the foreign students in getting study visa. About 1650 NOCs were issued to foreign nationals under General Stream during 2014-15.

4) Extra-curricular Activities

I. All Pakistan Inter-university Declamation Contest for Award of "Allama Iqbal Shield"

The Higher Education Commission organises All Pakistan Inter-University Declamation Contest for Award of "Allama Iqbal Shield" as a regular annual activity to:

- Promote national integration, communication skills and critical thinking among the students.
- Encourage tolerance, non-violence, and respect for others point of view.
- Enhance understanding of socio-economic and political issues among students of various regions of Pakistan.
- Divert energies of students towards healthy activities and creative thinking.

The contest is first organised at the universities level wherein students from all the departments of all public and private universities and constituent colleges take part. Second round is organised at regional level in Karachi, Lahore, Quetta, Peshawar and Islamabad (for Federal, AJK, FATA/ Gilgit-Baltistan, Universities).

During the year 2014-15, final round of 17th All Pakistan Inter-University Declamation Contest for Award of Allama Iqbal Shield held on May 27, 2015. Justice (R) Nasira Javaid Iqbal was the chief guest on the occasion. Cash prizes and Allama Iqbal Shield to the winners of Inter-University Declamation Contest.

Mr. Khushal Khan from National Defence University, Islamabad won the Shield in English Contest and Shehzadi Kanwal won the Shield for Federal Urdu University Karachi. They both bagged first prizes comprising a cash of Rs.60,000/- for their achievement.

Pictorial view of Final Round of 17th Contest



5) Curriculum Revision/Adoption and Implementation

The curriculum, with varying definitions, is said to be a plan of the teaching-learning process that students of an academic programme are required to undergo. It includes objectives and learning outcomes, course contents, scheme of studies, teaching methodologies and methods of assessment of learning. Since knowledge in all disciplines and fields is expanding at a fast pace and new disciplines are also emerging; it is imperative that curricula be developed and revised accordingly.

University Grants Commission (UGC) was designated as the competent authority to develop, review and revise curricula beyond Class-XII vide Section 3, Sub-Section 2 (ii), Act of Parliament No. X of 1976 titled "Supervision of Curricula and Textbooks and Maintenance of Standard of Education". With the repeal of UGC Act, the same function was assigned to HEC under its Ordinance 2002, Section 10, Sub-Section 1 (v).

During the year, 13 curricula of various disciplines were revised/ developed by the respective NCRCs:

i. Circulation of Developed curricula for implementation

The circulation of developed curricula to universities and DAIs of Pakistan for adoption is also a major part of Curriculum Division mandate. Purposefully developed Questionnaire is used to collect the data about implementation status of each curriculum which is distributed along with printed curricula. Following curricula were circulated to universities/Degree Awarding Institutes for implementation: During the year 2014-15 about 13 curricula were circulated to more than 150 private/ public sector universities/DAIs for adoption and implementation.

Members of National Curriculum Revision Committee in:

Agricultural Engineering



Bioinformatics



Doctor of Physiotherapy





Planning and Development



Planning and Development Division

The Planning and Development Division (P&D), HEC is responsible for identifying, studying and evaluating policies, procedures, priorities and proposals in planning or in the development of innovative educational programmes. P&D coordinates with ministries in connection with planning, designing, developing and proposing special projects and studies for nationwide application. It participates in review and recommendation of planning and development projects for funds for developing innovative projects and evaluating data for possible use in planning and development. The main objectives of all these activities are: strengthening of infrastructure in the higher education institutions, improving access to education and developing research facilities.

During the year 2014-15, there were 193 (138 on-going and 55 new un-approved) projects. The proposals (PC-Is) of 38 projects were submitted to Planning Commission for approval, out of which, 37 projects (including 5 revised projects) were approved by the respective forums Executive Committee of the National Economic Council (ECNEC) and Central Development Working Party (CDWP) in various meetings.

Following initiatives were conceived during the reporting year:

| New Schemes | |
|-------------|---|
| 1 | Prime Minister's Laptop Scheme (Phase I and II) for provision of 500,000 laptops |
| 2 | Establishment of University of Swat |
| 3 | Establishment of Engineering Faculty at Karakoram International University, Gilgit |
| 4 | Establishment of Nursing and Community Medicine Departments, Peoples University of Medical and Health Sciences for Women, Nawabshah |
| 5 | Establishment of School of Dentistry, SZABMU, Islamabad |
| 6 | Up-gradation of Federal Women College, F-7/2, Islamabad to Federal Women University |
| 7 | Development of New Campus of GC University, Lahore at Kala Shah Kaku |
| 8 | Enhancement of R&D facilities at Hussain Ebrahim Jamal Research Institute of Chemistry, (HEJ) University of Karachi, Karachi, Gomal University, D.I.Khan, Sardar Bahadur Khan Women University (SBKWU), Quetta, University of Veterinary and Animal Sciences (UVAS), Lahore |
| 9 | Establishment of Seerat Chairs |

Public Sector Development Programme (PSDP)

During the year 2014-15, the government initially allocated an amount Rs.20068.926 million to Higher Education Commission for 193 development projects of universities/HEC. Later on, it was revised to Rs. 27,020.926 million. Summary is given below:

| No. | Description | No. of projects | Total Cost | Cumulative Releases upto June, 2014 | PSDP Allocation (Rs. in million) | |
|--------------|----------------------|-----------------|-------------------|-------------------------------------|----------------------------------|------------------|
| | | | | | Original | Revised |
| 1 | Approved Projects | 168 | 170481.179 | 73735.889 | 18918.926 | 25653.875 |
| 2 | Un-Approved Projects | 25 | 27098.040 | 0.000 | 1150.000 | 1367.051 |
| Total | | 193 | 197579.219 | 73735.889 | 20068.926 | 27020.926 |

Region-wise summary of PSDP of allocation is given below:

| No. | Province Name | No. of Projects | Allocation (Rs. in million) |
|------------------------------|-------------------------|-----------------|-----------------------------|
| 1 | Balochistan | 15 | 3,268.786 |
| 2 | Khyber Pakhtunkhwa | 30 | 3,206.368 |
| 3 | Punjab | 53 | 8,002.597 |
| 4 | Sindh | 32 | 4,015.154 |
| Provinces (Sub-total) | | 130 | 18,492.905 |
| 5 | AJK | 5 | 387.490 |
| 6 | Federal Institutions | 25 | 3,603.816 |
| 7 | HEC National Programmes | 33 | 4,536.715 |
| Others (Sub-total) | | 63 | 8,528.021 |
| Grant Total | | 193 | 27,020.926 |

Allocation of Funds

The Government released Rs. 24551.344 million to Higher Education Commission for execution of 192 development projects of universities/HEIs. Summary is given below:

| No. | Description | No. of Projects | Total Cost | Cumulative Releases up to June, 2014 | Releases during year 2014-15 (Rs. in million) |
|--------------|----------------------|-----------------|-------------------|--------------------------------------|---|
| 1 | Approved Projects | 167 | 170481.179 | 73735.889 | 24551.344 |
| 2 | Un-Approved Projects | 25 | 27098.040 | 0.000 | 0.000 |
| Total | | 192 | 197579.219 | 73735.889 | 24551.344 |

| No. | Province Name | No. of Projects | Amount Released (Rs. in million) |
|------------------------------|-------------------------|-----------------|----------------------------------|
| 1 | Balochistan | 15 | 3,053.786 |
| 2 | Khyber Pakhtunkhwa | 30 | 3,046.368 |
| 3 | Punjab | 53 | 7,356.157 |
| 4 | Sindh | 32 | 3,900.189 |
| Provinces (Sub-total) | | 130 | 17,356.500 |
| 5 | AJK | 5 | 297.490 |
| 6 | Federal Institutions | 25 | 3,416.766 |
| 7 | HEC National Programmes | 33 | 3,480.588 |
| Others (Sub-total) | | 63 | 7,194.844 |
| Grant Total | | 192 | 24,551.344 |

In addition, the government released an amount of Rs. 1121.858 million for Prime Minister's (National) Programme for Provision of Laptops to Talented Students (HEC).

Project-wise Detail of Allocation and Releases (Rs. in Million)

| No. | PSDP No. | Name of the Project | Approval Status | Total Cost | Releases up to June, 2014 | Allocation 2014-15 | Releases during 2014-15 |
|-----|----------|--|---|------------|---------------------------|--------------------|-------------------------|
| 1 | 201 | 1000 Cuban Scholarships for Studies in General Comprehensive Medicine (Equivalent to MBBS) | Approved (ECNEC) November 30, 2006 Revised May 5, 2011 | 978.743 | 800.000 | 136.000 | 136.000 |
| 2 | 204 | Capacity Building and Up gradation of selected Departments at University of the Punjab (Total Cost = 834.188, PSDP Share= 771.286 + University Share = 62.902) | Approved (CDWP) January 16, 2014 | 771.286 | 50.000 | 400.000 | 400.000 |
| 3 | 205 | Capacity Enhancement of the Faculty of Pharmacy, University of Karachi, Karachi | Approved (CDWP) September 17, 2005 | 475.602 | 455.602 | 20.000 | 20.000 |
| 4 | 206 | Construction of 3 Hostel Blocks at International Islamic University, Islamabad | Approved (CDWP) November 19, 2009 | 543.674 | 342.080 | 201.594 | 201.594 |
| 5 | 207 | Construction of an Academic Block, Air University, Islamabad | Approved (DDWP) November 4, 2009 | 59.140 | 49.140 | 10.000 | 10.000 |
| 6 | 208 | Construction of Girls Hostel at Fatima Jinnah Women University, Rawalpindi. | Approved (CDWP) October 21, 2011 | 152.237 | 70.000 | 82.237 | 82.237 |
| 7 | 209 | Construction of Hostel for Undergraduate Students at Liaquat University of Medical and Health Sciences (LUMHS), Jamshoro | CDWP October 5, 2012 | 259.835 | 70.000 | 189.835 | 189.835 |

| No. | PSDP No. | Name of the Project | Approval Status | Total Cost | Releases up to June, 2014 | Allocation 2014-15 | Releases during 2014-15 |
|-----|----------|---|--|------------|---------------------------|--------------------|-------------------------|
| 8 | 210 | Development of University of Education Campus at Okara, Punjab | Approved (CDWP) January 27, 2007 | 433.279 | 393.279 | 40.000 | 40.000 |
| 9 | 211 | Development of Fatima Jinnah Women University, Rawalpindi, Campus-II | Approved (CDWP) April 30, 2008 | 428.411 | 362.000 | 66.411 | 66.411 |
| 10 | 212 | Development of Imminent Academic and Support Facilities at COMSATS Institute of Information Technology, Lahore | CDWP May 20, 2010 | 684.518 | 520.000 | 164.518 | 164.518 |
| 11 | 213 | Development of Infrastructure at Lasbela University of Agriculture, Water and Marine Sciences, Uthal, Balochistan | Approved (CDWP) October 21, 2011 | 974.820 | 71.700 | 100.000 | 0.000 |
| 12 | 214 | Development of Khyber Medical University, Peshawar | Approved (CDWP) October 11, 2008 | 477.800 | 399.000 | 78.800 | 78.800 |
| 13 | 215 | Development of Malakand, University Khyber Pakhtunkhwa, Dir (Lower) (Revised) | Approved (CDWP) July 20, 2005 Revised October 21, 2011 | 706.428 | 664.502 | 41.926 | 41.926 |
| 14 | 216 | Development of On Farm Students Research Facilities at Pir Mehr Ali Shah, University of Arid Agriculture, Rawalpindi | Approved | 343.224 | 323.224 | 20.000 | 140.000 |
| 15 | 217 | Development of Shaheed Benazir Bhutto Campus at Sheringal University of Malakand | Approved (CDWP) November 22, 2008 | 444.267 | 380.000 | 64.267 | 64.267 |
| 16 | 218 | Development of Sukkur Institute of Business Administration, Sukkur, (Revised by CDWP on January, 21 2011 at 616.180 Actual Cost: 469.138) | Approved November 3, 2007 Revised January 21, 2011 | 616.180 | 596.180 | 20.000 | 20.000 |
| 17 | 219 | Development of University of Balochistan, Quetta. | Approved (ECNEC) November 30, 2006 | 971.878 | 826.660 | 145.218 | 145.218 |
| 18 | 220 | English Language Teaching Reform Project Phase-II, HEC | Approved (DDWP) January 27, 2010 | 53.670 | 40.970 | 5.000 | 5.000 |
| 19 | 221 | Enhancement of Infrastructure at Institute of Management Sciences (IMS), Peshawar (PSDP Share: 387.503 + IMS Share+ 105.435 = 492.938) | Approved (CDWP) September 6, 2013 | 387.503 | 60.000 | 30.000 | 30.000 |

| No. | PSDP No. | Name of the Project | Approval Status | Total Cost | Releases up to June, 2014 | Allocation 2014-15 | Releases during 2014-15 |
|-----|----------|--|---|------------|---------------------------|--------------------|-------------------------|
| 20 | 222 | Establishment and Development of The Islamia University of Bahawalpur Sub Campus at Bahawalnagar | Approved (CDWP) June 30, 2007 | 408.639 | 339.700 | 68.939 | 68.939 |
| 21 | 223 | Establishment and Development of The Islamia University of Bahawalpur Sub Campus at Rahim Yar Khan | Approved (CDWP) June 30, 2007 | 416.694 | 286.760 | 129.934 | 129.934 |
| 22 | 224 | Establishment of Poultry and Dairy Animals Training and Research Centres at New Campus, Pattoki | Approved (CDWP) June 29, 2006 Revised June 6, 2014 | 560.438 | 433.644 | 126.794 | 266.794 |
| 23 | 225 | Establishment of a University at Faisalabad on Cost sharing basis with Government of Punjab (GCU) President Directive. (Total Cost: 478.550 GOP: 398.550 + Punjab: 80.0) | Approved | 398.550 | 254.500 | 144.050 | 144.050 |
| 24 | 226 | Establishment of Abdul Wali Khan University, Mardan | Approved (CDWP) June 18, 2012 | 681.587 | 250.000 | 431.587 | 431.587 |
| 25 | 227 | Establishment of Agricultural College at The Islamia University, Bahawalpur | Approved (CDWP) June 30, 2007 | 421.566 | 333.200 | 88.366 | 88.366 |
| 26 | 228 | Establishment of Air University Campus at Multan (Prime Minister Directive) | Approved (CDWP) April 7, 2011 | 200.000 | 192.000 | 8.000 | 8.000 |
| 27 | 229 | Establishment of Bahauddin Zakariya University Sub Campus Sahiwal, Bahauddin Zakariya University Multan | Approved (CDWP) April 4, 2007 | 478.873 | 392.000 | 86.873 | 86.873 |
| 28 | 230 | Establishment of COMSATS Institute of Information Technology Campus at Abbotabad | Approved (CDWP) January 16, 2014 | 861.269 | 0.000 | 105.000 | 105.000 |
| 29 | 231 | Establishment of COMSATS Institute of Information Technology Campus at Vehari | Approved (CDWP) April 23, 2009 | 426.154 | 367.770 | 58.384 | 58.384 |
| 30 | 232 | Establishment of Faculty of Dentistry and Medical Technology at Dow University of Health Sciences Karachi (HEC Share: 483.149 + University share: 12.000) | Approved (CDWP) November 19, 2009 | 483.149 | 473.149 | 10.000 | 10.000 |
| 31 | 233 | Establishment of Faculty of Veterinary & Animal Sciences Pir Mehr Ali Shah, University of Arid Agriculture, Rawalpindi | Approved (CDWP) June 29, 2006 | 468.620 | 415.194 | 53.426 | 53.426 |

| No. | PSDP No. | Name of the Project | Approval Status | Total Cost | Releases up to June, 2014 | Allocation 2014-15 | Releases during 2014-15 |
|-----|----------|--|---|------------|---------------------------|--------------------|-------------------------|
| 32 | 234 | Establishment of FM Radio Station and a Television Production House in the Department of Mass Communication, University of Balochistan, Quetta | Approved (DDWP) January 27, 2010 Revised April 8, 2014 | 70.366 | 43.722 | 26.644 | 26.644 |
| 33 | 235 | Establishment of Frontier Women University at Peshawar (Revised) | Approved (CDWP) March 21, 2006 Revised October 21, 2011 | 698.153 | 591.018 | 107.135 | 107.135 |
| 34 | 236 | Establishment of Gillani Law College at Bahauddin Zakariya University, Multan | Approved (CDWP) September 18, 2008 | 346.270 | 280.000 | 66.270 | 66.270 |
| 35 | 237 | Establishment of Grid Station at Sector H-12, Islamabad for National University of Science and Technology (NUST), Islamabad | Approved (CDWP) March 18, 2010 | 408.970 | 270.000 | 138.970 | 138.970 |
| 36 | 238 | Establishment of Karakoram International University, Gilgit (Revised) | Approved (ECNEC) August 31, 2001 Revised November 6, 2008 | 649.792 | 635.257 | 14.535 | 14.535 |
| 37 | 239 | Establishment of Main Campus of Federal Urdu University of Arts, Science & Technology at Islamabad (PSDP Share: 476.368 million + University Share: 167.940 = 644.308) | Approved (CDWP) December 26, 2013 | 476.368 | 80.000 | 70.000 | 70.000 |
| 38 | 240 | Establishment of Medical College University of Sargodha | Approved (ECNEC) March 7, 2007 | 802.158 | 708.500 | 93.658 | 93.658 |
| 39 | 241 | Establishment of National Centre for Stem Cell Research and Regenerative Medicine at Centre of Excellence in Molecular Biology, University of the Punjab | Approved (CDWP) July 20, 2005 | 384.390 | 312.116 | 72.274 | 72.274 |
| 40 | 242 | Establishment of National College of Arts, Rawalpindi Campus | Approved (CDWP) March 29, 2006 | 453.444 | 144.311 | 309.133 | 309.133 |
| 41 | 243 | Establishment of National Institute of Liver and Gastro Intestinal Diseases (NILGID) at DOW University of Health Sciences, Karachi (HEC 473.689 + DOW 100) | Approved (CDWP) April 7, 2011 | 473.689 | 304.000 | 169.689 | 169.689 |
| 42 | 244 | Establishment of Newly Emerging Disciplines University of the Punjab, Lahore | Approved (CDWP) November 22, 2005 | 466.880 | 417.592 | 49.288 | 49.288 |

| No. | PSDP No. | Name of the Project | Approval Status | Total Cost | Releases up to June, 2014 | Allocation 2014-15 | Releases during 2014-15 |
|-----|----------|---|--|------------|---------------------------|--------------------|-------------------------|
| 43 | 245 | Establishment of NUST Teaching Cum Research Hospital and School of Health Sciences at Sector H-12, Islamabad Total Cost: 6703.712 (ADB: 5203.712, NUST Share: 1000, GOP Share: 500) | Approved (ECNEC) December 9, 2010 | 500.000 | 60.000 | 440.000 | 440.000 |
| 44 | 246 | Establishment of Permanent Campus of COMSATS Institute of Information Technology, Attock | Approved (CDWP) March 1, 2008 | 472.352 | 350.000 | 122.352 | 122.352 |
| 45 | 247 | Establishment of Post Graduate Medical Sciences Research Centre at Dow University of Health Sciences, Ojha Campus, Karachi | Approved (CDWP) March 1, 2008 Revised July 25, 2012 | 634.883 | 578.489 | 56.394 | 56.394 |
| 46 | 248 | Establishment of Shaheed Mohtarma Benazir Bhutto Medical University Larkana (Prime Minister's Directive) | Approved (CDWP) March 14, 2012 | 949.747 | 270.500 | 250.000 | 250.000 |
| 47 | 249 | Establishment of Shaheed Benazir Bhutto University, Benazirabad, Sindh | Approved (CDWP) December 9, 2010 | 1556.781 | 267.430 | 350.000 | 350.000 |
| 48 | 250 | Establishment of Sub Campus University of Agriculture, Faisalabad at Depalpur (Okara) | Approved (CDWP) January 27, 2007 | 433.279 | 393.279 | 40.000 | 0.000 |
| 49 | 251 | Establishment of Tele Health Clinic Network, COMSATS, CIS, Islamabad | Approved (DDWP) April 21, 2010 | 55.326 | 20.300 | 35.026 | 35.026 |
| 50 | 252 | Establishment of the Facility for the Indigenous Development of Percutaneous Transluminal Coronary Angioplasty (PTCA) Balloon Catheters, NUST | Approved | 32.800 | 0.000 | 20.000 | 0.000 |
| 51 | 253 | Establishment of Undergraduate Marine Science Laboratory at Lasbela University of Agriculture, Water and Marine Sciences, Uthal | Approved (CDWP) February 27, 2007 | 477.840 | 467.840 | 10.000 | 110.000 |
| 52 | 254 | Establishment of University at Loralai | Approved (ECNEC) May 26, 2011 | 1518.751 | 95.000 | 319.358 | 319.358 |
| 53 | 255 | Establishment of University at Turbat | Approved (ECNEC) May 26, 2011 | 1580.391 | 135.000 | 1032.000 | 1032.000 |
| 54 | 256 | Establishment of University College of Agriculture at University of Sargodha | Approved (CDWP) September 23, 2006 | 437.247 | 432.247 | 5.000 | 5.000 |

| No. | PSDP No. | Name of the Project | Approval Status | Total Cost | Releases up to June, 2014 | Allocation 2014-15 | Releases during 2014-15 |
|-----|----------|---|--|------------|---------------------------|--------------------|-------------------------|
| 55 | 257 | Establishment of University Institute of Biochemistry and Biotechnology at Pir Mehr Ali Shah, University of Arid Agriculture, Rawalpindi. | Approved (CDWP) May 17, 2007 | 358.619 | 329.977 | 28.642 | 28.642 |
| 56 | 258 | Establishment of University of Engineering and Technology, Lahore Sub Campus at Narowal (Revised) | Approved (CDWP) January 16, 2014 Revised October 3, 2014 | 2878.521 | 200.000 | 900.000 | 900.000 |
| 57 | 259 | Establishment of Women University, Multan | (ECNEC) September 19, 09 | 1144.621 | 530.000 | 100.000 | 100.000 |
| 58 | 260 | Expansion Programme of Quaid-e-Azam University, Islamabad. (Phase I) | Approved, (CDWP) June 18, 2012 | 856.343 | 136.000 | 400.000 | 400.000 |
| 59 | 261 | Extension of Educational and Allied Facilities at Quaid-e-Azam University, of Engineering and Technology, (QUEST) Nawabshah | Approved (CDWP) March 1, 2008 Revised July 23, 2012 | 649.190 | 541.908 | 107.282 | 107.282 |
| 60 | 262 | Faculty Development and other basic requirements of Quaid-e-Azam University of Engineering & Technology, (QUEST) Nawabshah | Approved (CDWP) July 22, 2006 | 440.176 | 440.176 | 0.000 | 0.000 |
| 61 | 263 | Faculty Development at University of Illinois at Urbana Champaign, USA (only for Enrolled Scholars) | Approved (CDWP) December 21, 2006 | 484.389 | 484.389 | 0.000 | 0.000 |
| 62 | 264 | Faculty Development Programme of Bahauddin Zakariya University, Multan (100 PhD Foreign Scholarships) | Approved (ECNEC) March 30, 2009 | 832.105 | 296.000 | 200.000 | 200.000 |
| 63 | 265 | Foreign Faculty Hiring Programme | Approved (ECNEC) August 11, 2003 | 3285.912 | 3120.660 | 75.000 | 75.000 |
| 64 | 266 | Human Resource Development Initiative MS Leading to PhD Programme of Faculty Development for Engineering Universities/ UESTPs | Approved (CDWP) June 30, 2007 and (ECNEC) September 19, 2007 | 11806.139 | 1944.302 | 845.000 | 845.000 |
| 65 | 267 | Immediate needs of University of Science and Technology, Bannu (Revised) | Approved (CDWP) September 23, 2006 Revised October 21, 2011 | 704.767 | 647.861 | 56.906 | 56.906 |
| 66 | 268 | Immediate Restoration of Rain Affected Academic Block at Liaquat University of Health Sciences (LUMHS), Jamshoro | Approved | 487.010 | 472.010 | 15.000 | 15.000 |

| No. | PSDP No. | Name of the Project | Approval Status | Total Cost | Releases up to June, 2014 | Allocation 2014-15 | Releases during 2014-15 |
|-----|----------|---|---|------------|---------------------------|--------------------|-------------------------|
| 67 | 269 | Improvement and Development of Gomal University, D.I. Khan | Approved (CDWP) March 17, 2007 | 477.902 | 420.000 | 57.902 | 247.902 |
| 68 | 270 | Indigenous PhD fellowship for 5000 Scholars, HEC (Phase II) | Approved (ECNEC) November 11, 2011 | 9972.593 | 570.000 | 700.000 | 700.000 |
| 69 | 271 | Industrial Linkages- Technology Parks and Technology Incubators, HEJ Research Institute of Chemistry, Karachi University, Karachi | (CDWP) January, 12, 2008 | 184.000 | 108.500 | 75.500 | 75.500 |
| 70 | 272 | Infrastructure Development of COMSATS Institute of Information Technology, Islamabad Campus | Approved November 12, 2007 | 2862.656 | 2623.000 | 239.656 | 239.656 |
| 71 | 273 | Infrastructure Development of New Campus of Premier S&T Institution of Pakistan - The International Centre for Chemical and Biological Sciences, HEJ, University of Karachi (PSDP Share 200.0 + University Share: 191.5 = Total: 391.500) | (CDWP) March 14, 2012 | 200.000 | 80.000 | 120.000 | 120.000 |
| 72 | 274 | International Linkages of Pakistani Universities with Foreign Universities | Approved (CDWP) December 17, 2005 | 308.772 | 226.930 | 10.000 | 10.000 |
| 73 | 275 | Jalozai Campus of University of Engineering and Technology, Peshawar | Approved | 6565.272 | 3105.643 | 700.000 | 700.000 |
| 74 | 276 | Japanese Need Based Merit Scholarship Programme | Approved (ECNEC) | 596.600 | 575.411 | 15.000 | 15.000 |
| 75 | 277 | Japanese Need Based Merit Scholarships for Students of Pakistani Universities - HEC (Phase II) | Approved (CDWP) March 14, 2012 | 961.629 | 0.000 | 0.000 | 0.000 |
| 76 | 278 | Master Leading to PhD Scholarships Programme (Indigenous and Overseas) for the Students of Balochistan (An Initiative of the Aghaz-e-Haqooq-e-Balochistan Package) | Approved (ECNEC) November, 11, 2011 | 3138.692 | 10.000 | 60.000 | 60.000 |
| 77 | 279 | Monitoring and Development of Programmes of HEC Islamabad. (Phase II) | Approved (DDWP) November 4, 2009 | 55.658 | 37.200 | 11.458 | 11.458 |
| 78 | 280 | MS/MPhil Leading to PhD Scholarships in Engineering, Natural and Basic Sciences/ Humanities/Social Sciences | Approved (ECNEC) July 27, 2004 Revised (CDWP) March 18, 2010 | 618.179 | 612.979 | 5.200 | 5.200 |

| No. | PSDP No. | Name of the Project | Approval Status | Total Cost | Releases up to June, 2014 | Allocation 2014-15 | Releases during 2014-15 |
|-----|----------|---|--|------------|---------------------------|--------------------|-------------------------|
| 79 | 281 | Overseas Scholarship for MS/M Phil leading to PhD in selected fields (Phase II) HEC | Approved (ECNEC) August 23, 2006 | 14522.350 | 10267.472 | 790.000 | 790.000 |
| 80 | 282 | Overseas scholarship scheme for MS/MPhil/PhD | Approved (ECNEC) January 7, 2004 | 4275.805 | 3823.297 | 89.000 | 89.000 |
| 81 | 283 | Pak-US Joint Academic and Research Programme, (Phase III) (Revised) | Revised January 16, 2009 | 597.512 | 310.000 | 16.000 | 16.000 |
| 82 | 284 | PAK-USAID Merit and Need Based Scholarship Programme (Phase II) (PSDP Share: 577.125 + USAID Share+ 2377.682 = 2954.808) | Approved (ECNEC) October 07, 2013 | 2954.808 | 0.000 | 361.401 | 0.000 |
| 83 | 285 | PhD Fellowship for 5000 Scholars (Revised) | Approved (ECNEC) August 11, 2003 | 6394.537 | 4654.580 | 338.000 | 338.000 |
| 84 | 286 | Post-Doctoral Fellowship Programme, (Phase II) | Approved (ECNEC) December 14, 2005 | 1252.300 | 1179.300 | 23.000 | 23.000 |
| 85 | 287 | Prime Minister's Gold Medal including funding for PhD Abroad for overall Best Student of the Year, NUST (Islamabad) | Approved (DDWP) January 01, 2009 | 32.864 | 8.873 | 7.000 | 7.000 |
| 86 | 288 | Provision of Physical Infrastructure at the National University of Modern Languages (NUML), Islamabad | Approved (CDWP) November 19, 2009 | 468.527 | 123.000 | 345.527 | 345.527 |
| 87 | 289 | Provision of Academic and Research Facilities of Government College University, Faisalabad (Total Cost = 732.794, PSDP Share= 532.794 + University Share = 200.000) | Approved (CDWP) September 6, 2013 | 532.794 | 100.000 | 432.794 | 432.794 |
| 88 | 290 | Provision of Academic and Support Facilities at COMSATS Institute of Information Technology, Wah | Approved (DDWP) February 14, 2012 | 52.650 | 0.000 | 52.650 | 52.650 |
| 89 | 291 | Provision Of Higher Education Opportunities for Students of Balochistan and FATA | Approved (CDWP and ECNEC) October 22, 2007 | 981.486 | 613.225 | 95.000 | 95.000 |
| 90 | 292 | Provision of On-Line Lectures and Video Conferencing facilities for Universities, HEC and Allied Government Bodies | Approved (CDWP) November 27, 2006 | 141.915 | 122.500 | 10.000 | 10.000 |
| 91 | 293 | Provision of Sports Facilities at Fatima Jinnah Women University, Rawalpindi | Approved (DDWP) August 5, 2009 | 54.640 | 10.620 | 44.020 | 44.020 |

| No. | PSDP No. | Name of the Project | Approval Status | Total Cost | Releases up to June, 2014 | Allocation 2014-15 | Releases during 2014-15 |
|-----|----------|--|--|------------|---------------------------|--------------------|-------------------------|
| 93 | 295 | Scholarships for PhD studies in Social Sciences, Arts and Humanities for University teachers, (HEC) | Approved (CDWP) June 29, 2002 | 194.513 | 88.980 | 5.000 | 5.000 |
| 94 | 296 | Short term foreign faculty hiring Programme (Phase-III) | Un-Approved | 163.104 | 125.808 | 15.000 | 15.000 |
| 95 | 297 | Strengthening of Allama Iqbal Open University, Islamabad | Approved (CDWP) February 27, 2007 Revision April 30, 2009 | 389.655 | 149.000 | 10.000 | 10.000 |
| 96 | 298 | Strengthening and Development of Mehran University of Engineering and Technology (MUET), Jamshoro (Part II) | (CDWP) January 12, 2008 Approved (ECNEC) February 6, 2008 | 1486.148 | 1023.000 | 463.148 | 463.148 |
| 97 | 299 | Strengthening and Up gradation of Departments, University of the Punjab | Approved (CDWP) September 17, 05 | 474.630 | 460.620 | 14.010 | 14.010 |
| 98 | 300 | Strengthening and Development of Balochistan University of Information Technology and Management Sciences, Quetta | (CDWP) June 18, 2012 | 892.669 | 120.000 | 772.669 | 772.669 |
| 99 | 301 | Strengthening and Development of Library at Agricultural University, Peshawar. | Approved (CDWP) 04.11.09 | 38.762 | 29.762 | 9.000 | 9.000 |
| 100 | 302 | Strengthening and Development of Sardar Bahadur Khan Women University, Quetta | (CDWP) January 21, 2011 | 806.040 | 180.000 | 277.897 | 277.897 |
| 101 | 303 | Strengthening and Enhancement of Academic Provisions in the Faculty of Life and Environmental Sciences in the University of Peshawar | Approved (CDWP) July 22, 2006 | 464.695 | 448.980 | 15.715 | 15.715 |
| 102 | 304 | Strengthening and Expansion of Sukkur Institute of Business Administration, (Sukkur-IBA) | Approved (CDWP) June 18, 2012 | 657.083 | 100.000 | 557.083 | 557.083 |
| 103 | 305 | Strengthening and up gradation educational and research facilities, University of Agriculture, Faisalabad | Approved (CDWP) August 17, 2006 | 473.839 | 427.500 | 46.339 | 46.339 |
| 104 | 306 | Strengthening and Up gradation of Sindh Agriculture University, Tandojam | Approved (CDWP) January 27, 2007 | 461.440 | 441.440 | 20.000 | 120.000 |

| No. | PSDP No. | Name of the Project | Approval Status | Total Cost | Releases up to June, 2014 | Allocation 2014-15 | Releases during 2014-15 |
|-----|----------|--|--|------------|---------------------------|--------------------|-------------------------|
| 105 | 307 | Strengthening and Up gradation of University of Engineering and Technology, Taxila and its Sub Campuses (PSDP Share: 685.307 + University Share+ 100.0 = 785.307) | Approved (CDWP) February 21, 2013 | 685.307 | 200.000 | 345.000 | 345.000 |
| 106 | 308 | Strengthening of Institute of Biotechnology and Genetic Engineering (IBGE), Khyber Pakhtunkhwa Agricultural University, Peshawar | Approved (CDWP) April 30, 2008 | 341.583 | 224.500 | 117.083 | 117.083 |
| 107 | 309 | Strengthening of Bahauddin Zakariya University, Multan | Approved (CDWP) November 19, 2009 | 971.537 | 220.000 | 430.000 | 430.000 |
| 108 | 310 | Strengthening of Basic Medical Science Department at University of Health Sciences, Lahore | Approved (CDWP) January 27, 2007 | 295.917 | 228.290 | 39.627 | 39.627 |
| 109 | 311 | Strengthening of Department of Psychology, University of Peshawar | Approved (DDWP) January 27, 2010 | 42.169 | 33.992 | 8.177 | 8.177 |
| 110 | 312 | Strengthening of Departments (Computer Science, Physics, Business Administration and Law) at Federal Urdu University, Gulshan-e-Iqbal Campus, Karachi | Approved (CDWP) September 17, 2005 | 426.022 | 386.022 | 40.000 | 40.000 |
| 111 | 313 | Strengthening of Existing Earthquake Engineering Centre in the University of Engineering and Technology, Peshawar (Revised) | Approved (CDWP) June 29, 2006 Revised October 25, 2013 | 698.396 | 497.219 | 201.177 | 201.177 |
| 112 | 314 | Strengthening of Existing Facilities at Mirpur Campus, AJK University, Muzaffarabad | Approved (CDWP) October 19, 2006 | 343.433 | 300.943 | 42.490 | 42.490 |
| 113 | 315 | Strengthening of Faculties of Lahore College for Women University (LCWU), Lahore | Approved (CDWP) September 6, 2013 | 643.514 | 150.000 | 350.000 | 200.000 |
| 114 | 316 | Strengthening of Infrastructure of Shah Abdul Latif University, Khairpur | Approved 3, November, 2007 | 618.291 | 453.890 | 164.401 | 164.401 |
| 115 | 317 | Strengthening of Institute of Business Administration (IBA) Karachi. Actual Cost: 308.947. Revised by CDWP on January 21, 2011 at 536.903.180 (PSDP Share: 399.780 + IBA Share: 137.123) | Approved (CDWP) October 19, 2006 | 399.780 | 266.024 | 133.756 | 133.756 |

| No. | PSDP No. | Name of the Project | Approval Status | Total Cost | Releases up to June, 2014 | Allocation 2014-15 | Releases during 2014-15 |
|-----|----------|---|--|------------|---------------------------|--------------------|-------------------------|
| 116 | 318 | Strengthening of Institute of Space Technology, Islamabad | Approved (CDWP) September 23, 2006 Revised April 11, 2014 | 532.245 | 390.100 | 142.145 | 142.145 |
| 117 | 319 | Strengthening of Information Technology Facilities at City and Ravi Campuses of University of Veterinary and Animal Sciences, Lahore. | Approved (DDWP) January, 27, 2010 | 54.805 | 15.725 | 39.080 | 39.080 |
| 118 | 320 | Strengthening of King Edward Medical University, Lahore | Approved (CDWP) January 12, 2008 | 475.065 | 300.500 | 1.000 | 0.000 |
| 119 | 321 | Strengthening of Kohat University of Science and Technology, Kohat (Revised) | Approved (CDWP) May 21, 2008 Revised December 21, 2014 | 599.870 | 402.000 | 197.870 | 197.870 |
| 120 | 322 | Strengthening of Laboratory and Faculty of Crop and Plant Sciences at Lasbela University of Agriculture, Water and Marine Sciences, Uthal Balochistan | (CDWP) January 21, 2011 | 384.921 | 374.921 | 10.000 | 10.000 |
| 121 | 323 | Strengthening of Main Campus and Mirpur Campuse of Muzaffarabad and Mirpur University of Azad Jammu and Kashmir, Muzaffarabad | Approved (CDWP) July 20, 2005 | 487.092 | 472.092 | 15.000 | 15.000 |
| 122 | 324 | Strengthening of National Centre of Excellence in Geology (NCEG), University of Peshawar (Revised). | Approved (ECNEC) February 25, 2005 Revised April 23, 2012 | 797.299 | 495.563 | 110.000 | 110.000 |
| 123 | 325 | Strengthening of NED University of Engineering and Technology, Karachi | Approved November 12, 2007 | 2193.000 | 1831.038 | 225.000 | 225.000 |
| 124 | 326 | Strengthening of Pakistan Institute of Engineering and Applied Sciences (PIEAS), Islamabad. (PSDP Share 504.408 + University Share: 69.461 = Total 573.869) | Approved (CDWP) June 18, 2012 | 504.408 | 150.000 | 354.408 | 354.409 |
| 125 | 327 | Strengthening of Quaid-e-Awam University of Engineering, Science and Technology (QUEST), Nawabshah (PSDP Share 597.816 + University Share: 100.0 = Total 697.816) | Approved (CDWP) September 6, 2013 | 697.816 | 150.000 | 208.066 | 208.066 |

| No. | PSDP No. | Name of the Project | Approval Status | Total Cost | Releases up to June, 2014 | Allocation 2014-15 | Releases during 2014-15 |
|-----|----------|---|--|------------|---------------------------|--------------------|-------------------------|
| 126 | 328 | Strengthening of Sub-Campus University of Faisalabad at Toba Tek Singh (PSDP Share: 441.815 + University Share: 60.185) | Approved (CDWP) March 14, 2012 | 441.815 | 159.000 | 282.815 | 282.815 |
| 127 | 329 | Strengthening of the Departments of Economics, Business Administration, Commerce and Applied Economics Research, University of Karachi | Approved (CDWP) May 17, 2007 | 471.221 | 360.000 | 0.000 | 0.000 |
| 128 | 330 | Strengthening of the School of Biological Sciences, University of the Punjab, Lahore | Approved November 3, 2007 | 377.328 | 258.000 | 0.000 | 0.000 |
| 129 | 331 | Strengthening of University of Engineering & Technology, Lahore. | Approved November 12, 2007 | 5929.000 | 3010.697 | 750.000 | 750.000 |
| 130 | 332 | Strengthening of University of Peshawar, Khyber Pakhtunkhwa | Approved (CDWP) October 21, 2011 | 605.000 | 30.000 | 80.000 | 80.000 |
| 131 | 333 | Strengthening of University of Sindh, Jamshoro | Approved (CDWP) October 11, 2008 | 491.601 | 298.000 | 120.000 | 120.000 |
| 132 | 334 | Strengthening and Up-gradation of Islamia College, Peshawar | Approved (CDWP) November 22, 2008 | 476.496 | 243.500 | 150.000 | 150.000 |
| 133 | 335 | Subsidy to Scholars Abroad under Cultural Exchange Programme | Approved (CDWP) May 18, 2004 Revised (CDWP) September 17, 2009 | 365.642 | 365.000 | 0.642 | 0.642 |
| 134 | 336 | Up gradation and Strengthening of Quaid-e-Azam University, Islamabad. (Phase II) | Approved (CDWP) December 21, 2006 | 485.457 | 470.457 | 15.000 | 15.000 |
| 135 | 337 | Up gradation of University College of Engineering and Technology, Mirpur into Mirpur University of Science and Technology, (MUST) Mirpur, AJK (PM Directive); (HEC Share: 1670.024, MUST Share: 220.00) | (ECNEC) May 26, 2011 | 1670.024 | 375.000 | 200.000 | 200.000 |
| 136 | 338 | US-Need Based Merit Scholarship for Pakistani University Students enrolled in Agriculture and Business Administration study Programmes (USAID) (Revised) | Approved (ECNEC) December 7, 2004 Revised (CDWP) November 3, 2010 | 985.505 | 752.492 | 97.869 | 38.307 |
| 137 | 339 | Commencement of Undergraduate Programme (4 Year) in Water Resources and Petroleum Engineering at UET Taxila | Un-Approved | 425.000 | 0.000 | 99.835 | 0.000 |

| No. | PSDP No. | Name of the Project | Approval Status | Total Cost | Releases up to June, 2014 | Allocation 2014-15 | Releases during 2014-15 |
|-----|----------|--|-------------------------------------|------------|---------------------------|--------------------|-------------------------|
| 138 | 340 | Commencement of New Engineering Programmes and Infrastructure Development at NED University of Engineering and Technology, Karachi | Approved (CDWP) April 28, 2015 | 750.000 | 0.000 | 15.000 | 0.000 |
| 139 | 341 | Completion of remaining work on Academic Blocks at Hazara University, Mansehra | Un-Approved | 560.000 | 0.000 | 10.000 | 0.000 |
| 140 | 342 | Construction of Boys and Girls Hostel (capacity of 100 students each) at Islamia College University, Peshawar | Un-Approved | 185.000 | 0.000 | 50.000 | 0.000 |
| 141 | 343 | Construction of Hostels at King Edward Medical University, Lahore | Approved (CDWP) April 11, 2014 | 205.727 | 0.000 | 50.000 | 50.000 |
| 142 | 344 | Development of Fatima Jinnah Women University, Campus-II, (Phase-2), Chakri Road, Rawalpindi | Un-Approved | 650.000 | 0.000 | 50.000 | 0.000 |
| 143 | 345 | Development of New Campus of Government College University, Lahore at Kala Shah Kaku | Approved (CDWP) April 28, 2015 | 654.000 | 0.000 | 20.605 | 0.000 |
| 144 | 346 | Development of Shaheed Benazir Bhutto University, Sheringal | Un-Approved | 530.000 | 0.000 | 5.000 | 0.000 |
| 145 | 347 | Enhancement of Facilities at Institute of Space Technology (IST), Islamabad (with IST share of 125.506) | Un-Approved | 625.000 | 0.000 | 5.000 | 0.000 |
| 146 | 348 | Enhancement of Research Facilities at University of Veterinary & Animal Sciences (UVAS), Ravi Campus, Pattoki | Approved (CDWP) January 06, 2015 | 965.576 | 0.000 | 200.000 | 60.000 |
| 147 | 349 | Essential Infrastructure for Lahore College for Women University (LCWU), Lahore, Jhang Campus | Approved (CDWP) January 27, 2015 | 793.197 | 0.000 | 30.000 | 180.000 |
| 148 | 350 | Establishment and Upgrading of Core Engineering Departments in Mardan Campus of Khyber Pakhtunkhwa University of Engineering and Technology Peshawar | Un-Approved | 986.093 | 0.000 | 5.000 | 0.000 |
| 149 | 351 | Establishment of COMSATS Institute of Information Technology at Jaffarabad | Approved (CDWP) March 12, 2012 | 752.552 | 0.000 | 5.000 | 5.000 |
| 150 | 352 | Establishment of Engineering Faculty at Gilgit and Skardu Campus of Karakoram International University, Gilgit | Approved (CDWP) March 4, 2015 | 887.024 | 0.000 | 160.000 | 150.000 |

| No. | PSDP No. | Name of the Project | Approval Status | Total Cost | Releases up to June, 2014 | Allocation 2014-15 | Releases during 2014-15 |
|-----|----------|---|-----------------------------------|------------|---------------------------|--------------------|-------------------------|
| 151 | 353 | Establishment of FATA University | Un-Approved | 4700.000 | 0.000 | 60.000 | 0.000 |
| 152 | 354 | Establishment of HEC Human Resource Development Center at Quetta (HEC) | Un-Approved | 120.000 | 0.000 | 5.165 | 0.000 |
| 153 | 355 | Establishment of I.T and Library Infrastructure for new Disciplines of Food and Energy Engineering and Science at University of Agriculture, Faisalabad | Approved (CDWP) March 4, 2015 | 1350.000 | 0.000 | 210.000 | 200.000 |
| 154 | 356 | Establishment of National Science and Technology Park at Central Campus, NUST, H-12, Islamabad | Approved (CDWP) March 18, 2010 | 408.970 | 270.000 | 5.000 | 0.000 |
| 155 | 357 | Establishment of College of Nursing and Strengthening of Community Medicine Department at People's University of Medical and Health Sciences for Women, Nawabshah | Approved (CDWP) January 27, 2015 | 488.366 | 0.000 | 130.000 | 100.035 |
| 156 | 358 | Establishment of Seerat Chairs in Public Sector Universities, (HEC) | Approved (CDWP) October 3, 2014 | 189.980 | 0.000 | 189.980 | 189.981 |
| 157 | 359 | Establishment of Sub Campus of Hazara University, Ogi | Un-Approved | 500.000 | 0.000 | 5.000 | 0.000 |
| 158 | 360 | Establishment of Technology Development Fund (TDF) for HEC Scholars returning after completion of PhD to introduce new technologies application in Pakistan | Un-Approved | 5000.000 | 0.000 | 500.000 | 0.000 |
| 159 | 361 | Establishment of University at Sibi, Balochistan | Un-Approved | 1500.000 | 0.000 | 150.000 | 0.000 |
| 160 | 362 | Establishment of University of Swat (Phase-I) (GOP Share = 923.581 + Province Share= 1496.682, already approved by PDWP) | Approved (CDWP) January 27, 2015 | 923.581 | 0.000 | 260.000 | 260.000 |
| 161 | 363 | Expansion of Academic Programmes at Benazir Bhutto Shaheed University, Lyari, Karachi | Un-Approved | 650.000 | 0.000 | 5.000 | 0.000 |
| 162 | 364 | Expansion of University of Balochistan, Quetta and its Campuses | Approved (CDWP) November 28, 2014 | 895.931 | 0.000 | 165.000 | 150.000 |
| 163 | 365 | Faculty Development Programme for Pakistani Universities (HEC) | Un-Approved | 980.000 | 0.000 | 10.000 | 0.000 |

| No. | PSDP No. | Name of the Project | Approval Status | Total Cost | Releases up to June, 2014 | Allocation 2014-15 | Releases during 2014-15 |
|-----|----------|--|-----------------------------------|------------|---------------------------|--------------------|-------------------------|
| 164 | 366 | Fulbright Scholarship Support Programme HEC-USAID (Phase-II) (USAID Share: 9896.548; HEC Share: 2676.142) | Newly Approved | 1500.000 | 0.000 | 5.000 | 0.000 |
| 165 | 367 | Overseas Scholarships for MS/M.Phil Leading to PhD in selected fields (Phase III) | Un-Approved | 2500.000 | 0.000 | 10.000 | 0.000 |
| 166 | 368 | Prime Minister Programme for Development of PhDs in Science and Technology (For On-going Scholars) | Approved (ECNEC) February 6, 2008 | 2898.980 | 0.000 | 200.000 | 200.000 |
| 167 | 369 | Provision of Academic and Allied Facilities at University of Agriculture Peshawar, Amir Muhammad Khan Campus, Mardan | Un-Approved | 560.000 | 0.000 | 5.000 | 0.000 |
| 168 | 370 | Provision of Academic and Allied Facilities at University of Malakand | Newly Approved | 459.000 | 0.000 | 10.000 | 0.000 |
| 169 | 371 | Provision of Academic and Research Facilities at Sardar Bahadur Khan Women University, Quetta | Newly Approved | 430.000 | 0.000 | 50.000 | 0.000 |
| 170 | 372 | Provision of Basic Academic and Allied Facilities at University of Swabi | Approved (CDWP) March 31, 2015 | 1001.274 | 0.000 | 200.000 | 190.000 |
| 171 | 373 | Provision of Basic Amenities at Balochistan University of Engineering and Technology, Khuzdar | (CDWP) April 11, 2014 | 798.731 | 0.000 | 200.000 | 200.000 |
| 172 | 374 | Provision of Necessary Operational Facilities for King Abdullah Campuses, University of Azad Jammu and Kashmir, Muzaffarabad | Un-Approved | 532.227 | 0.000 | 90.000 | 0.000 |
| 173 | 375 | Science Farming Scheme for Top Science Talent in Schools | Un-Approved | 1000.000 | 0.000 | 100.000 | 0.000 |
| 174 | 376 | Strengthening of Agricultural Engineering and Women Development Programme at Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi | Approved (CDWP) January 6, 2015 | 751.244 | 0.000 | 130.000 | 10.000 |
| 175 | 377 | Strengthening of Faculty of Oral Health Sciences and Support Facilities at Dow University of Health Sciences, Karachi (HEC Share: 490.209 + University share: 150.000 = Total = 640.209) | Approved (CDWP) 23.09.2014 | 490.209 | 0.000 | 145.000 | 145.000 |

| No. | PSDP No. | Name of the Project | Approval Status | Total Cost | Releases up to June, 2014 | Allocation 2014-15 | Releases during 2014-15 |
|-----|----------|--|------------------------------------|------------|---------------------------|--------------------|-------------------------|
| 176 | 378 | Strengthening and Development of University of Sindh, Jamshoro and its campuses | Un-Approved | 545.000 | 0.000 | 10.000 | 0.000 |
| 177 | 379 | Strengthening and Expansion of the University of Gujrat and Allied Campuses | Approved (CDWP) April 28, 2015 | 2988.147 | 0.000 | 900.000 | 500.000 |
| 178 | 380 | Strengthening of Academic and Research Facilities at Gomal University D. I. Khan | Approved (CDWP) January 27, 2015 | 725.000 | 0.000 | 200.000 | 10.000 |
| 179 | 381 | Strengthening of Academic and Research Facilities of University of Health Sciences, Lahore | Un-Approved | 962.500 | 0.000 | 5.000 | 0.000 |
| 180 | 382 | Strengthening of Academic Facilities at Shah Abdul Latif University, Khairpur | Approved (CDWP) January 6, 2015 | 655.921 | 0.000 | 115.000 | 100.000 |
| 181 | 383 | Strengthening of Existing Departments at Islamia University of Bahawalpur | Approved (CDWP) September 30, 2014 | 858.442 | 0.000 | 140.000 | 140.000 |
| 182 | 384 | Strengthening of Khyber Medical University, Peshawar | Approved (CDWP) September 23, 2014 | 980.352 | 0.000 | 140.000 | 140.000 |
| 183 | 385 | Essential Needs for Strengthening and Development of Mehran University of Engineering and Technology, Shaheed Zulfiqar Ali Bhutto Campus, Khairpur Mirs, Sindh | (CDWP) September 23, 2014 | 693.546 | 0.000 | 40.000 | 0.000 |
| 184 | 386 | Strengthening of National Textile University, Faisalabad | Un-Approved | 647.920 | 0.000 | 20.000 | 0.000 |
| 185 | 387 | Strengthening of Research Programmes at HEJ Research Institute of Chemistry, University of Karachi (PSDP Share = 518.523 + University Share = 62.420, Total = 580.943) | (CDWP) September 23, 2014 | 580.943 | 0.000 | 140.000 | 140.000 |
| 186 | 388 | Strengthening of the University of Poonch Rawalakot, AJ&K | Approved (CDWP) October 3, 2014 | 844.914 | 0.000 | 40.000 | 40.000 |
| 187 | 389 | Subsidy to Scholars Abroad under Cultural Exchange Programme (Phase II) | Un-Approved | 650.000 | 0.000 | 5.000 | 0.000 |
| 188 | 390 | Technical Assistance (TA) Grant for Feasibility Study of Establishment of National Science and Technology Part (NSTP) at Central Campus, NUST, Islamabad | Approved (DDWP) January 1, 2014 | 55.000 | 0.000 | 55.000 | 55.000 |

| No. | PSDP No. | Name of the Project | Approval Status | Total Cost | Releases up to June, 2014 | Allocation 2014-15 | Releases during 2014-15 |
|--------------|----------|--|-----------------------------------|-------------------|---------------------------|--------------------|-------------------------|
| 189 | 391 | Up gradation of Academic Facilities at Sindh Agriculture University, Tandojam | Approved (CDWP) January 27, 2015 | 874.093 | 0.000 | 100.000 | 0.000 |
| 190 | 392 | Up gradation of Federal Government College for Women, F-7/2 to Federal Women University, Islamabad | Approved (CDWP) November 19, 2014 | 998.436 | 0.000 | 80.000 | 80.000 |
| 191 | 393 | Up gradation of National Institute of Science and Technical Education (NISTE), Islamabad into Skill University | Un-Approved | 780.000 | 0.000 | 100.000 | 0.000 |
| 192 | 400 | School of Dentistry, Shaheed Zulfiqar Ali Bhutto Medical University, Islamabad | Un-Approved | 1346.196 | 0.000 | 47.051 | 0.000 |
| Total | | | | 197579.219 | 73735.889 | 27020.926 | 24551.344 |
| | | Laptop Scheme | Approved | 4933.668 | 0.000 | 1121.858 | 1121.858 |
| Total | | | | 202512.887 | 73735.889 | 28142.784 | 25673.202 |



Learning Innovation

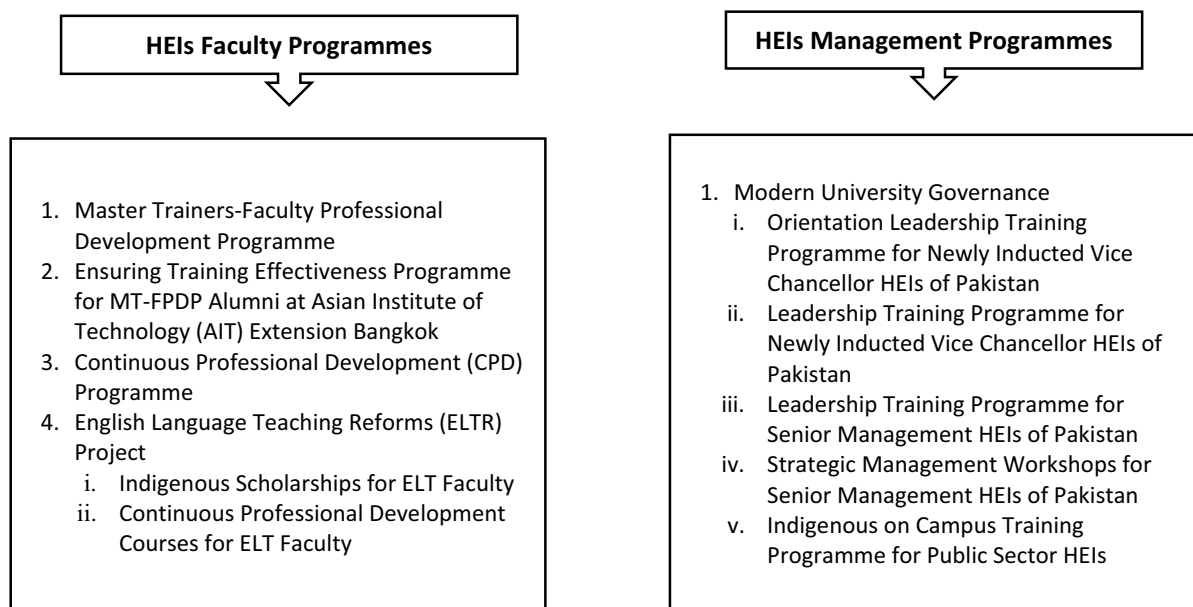


Learning Innovation

Quality of education is highly dependent on the competency of faculty. The Higher Education Commission (HEC) emphasises on the professional development of higher education teaching faculty to improve standard of learning and research. Qualified and professionally trained teaching faculty in Higher Education Institutions (HEIs) can first create a learner oriented; knowledge transferring culture in class rooms with a definite mechanism based on learning outcomes and then trickle down quality learning and research to the students.

Similarly, the management staff ranging from Vice Chancellors to Hostel Wardens of HEI's across Pakistan, being the backbone of the system, need capacity building to run the system based on the quality parameters. To serve the purpose, HEC has developed strategic customised certificate programmes on Good Governance and Principles of Management related to Higher Education Systems. This provides holistic governance tools and mechanisms, designed and conducted for the university management to become a qualitative source of support to the academia, complying with global standards and quality norms. Trainings not only empower the professionals but also bridge the gap between academia and management for effective and sustainable governance. HEC's initiatives for academics and management is providing them an opportunity to explore job related challenges and serve their respective HEIs by equipping themselves with latest Professional Tools/Techniques and Skills.

The categories of Learning Innovation Division training programmes categories include:



HEIs Faculty Programmes Beneficiaries

Permanent Teaching Faculty of Public Sector HEI or HEC funded private sector HEI up to Professor level.

HEIs Management Programmes Beneficiaries

Vice Chancellors, Presidents, Rectors, Directors, Principals, Pro-Vice Chancellors, Pro-Rectors, Vice Principals, Registrars, Heads of Departments, Deans, IT Managers, Policy Makers and Hostel Wardens of Public Sector HEI or HEC funded private sector HEIs benefit from these programmes.

HEIs Faculty Members and University Management Trained by LID in the Year 2014-15

| Categories | Programmes | Total |
|--|---|--------------|
| HEIs Faculty Training Programmes | Master Trainers-Faculty Professional Development Programme (FPDP) | 56 |
| | AIT, Thailand Advanced Training for FPDP Alumni (LI) | 24 |
| | ELT Indigenous scholarships up to M.Phil. level for College and University Teachers | 20 |
| | ELT Continuous Professional Development Courses | 72 |
| | Continuous Professional Development Seminars/Workshops | 240 |
| HEIs Management Training Programmes | Leadership Training Programme for Newly Inducted Vice Chancellor HEIs of Pakistan | 16 |
| | Leadership Training Programme for Senior Management HEIs of Pakistan | 20 |
| | Strategic Management Workshops for Senior Management HEIs of Pakistan | 159 |
| | Indigenous On Campus Training Programme for Public Sector HEIs | 12705 |
| TOTAL | | 13292 |

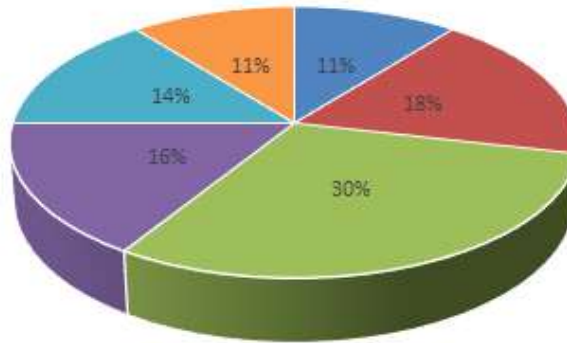
Master Trainers-Faculty Professional Development Programme (LI)

This is an intensive 8-12 week in-service orientation and professional certification programme for the relatively new and freshly inducted teachers. In 2014-15, two Batches of MT-FPDP were organised in which 56 Faculty Members were certified as Master Trainers.

MT-FPDP Summary for the FY 2014-15

| No. | Programme | Duration | Venue | No. of Participants |
|--------------|---|-------------------------------|----------------|---------------------|
| 1 | 23 rd Master Trainers-Faculty Professional Development Programme | November, 2014-December, 2014 | HEC, Islamabad | 29 |
| 2 | 24 th Master Trainers-Faculty Professional Development Programme | February, 2015-April 17, 2015 | HEC, Islamabad | 27 |
| Total | | | | 56 |

Province-wise Distribution of Faculty Trained in FY 2014-15



- Federal Capital
- Punjab
- Sindh
- Khyber Pakhtunkhwa
- Balochistan
- Azad Jammu and Kashmir

Province wise MT-FPDP Summary for the FY 2014-15



AIT, Thailand Advanced Training for FPDP Alumni (LI)

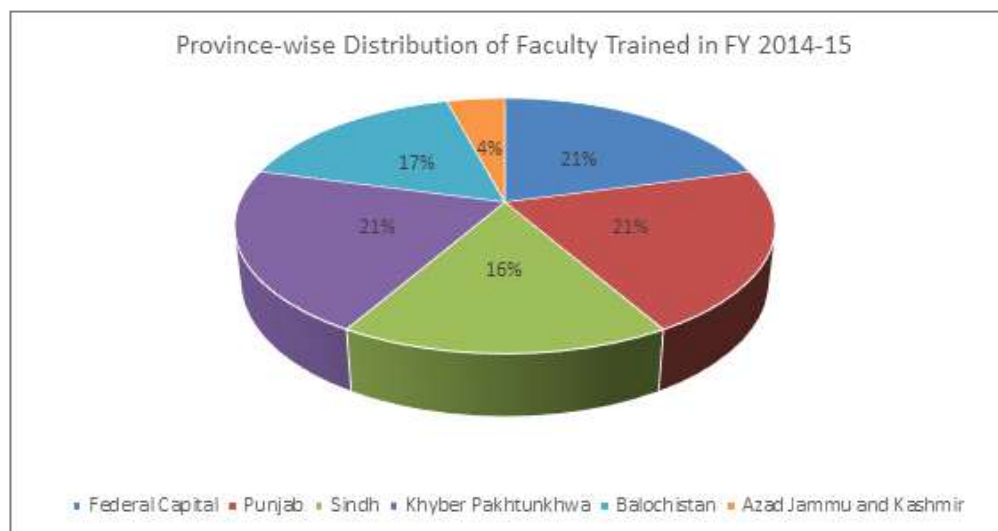
A Memorandum of Understanding (MoU) was signed between HEC and AIT Extension to train MT-FPDP alumni selected by HEC and equip them to further conduct training sessions in their respective HEIs. As a reward, alumni get the advanced training in AIT Thailand titled Ensuring Training Effectiveness.

As per MoU, every year up to three batches consisting of 25 participants will be sent to AIT Extension for this training. In this fiscal year, the sixth batch completed its training from March 21 to April 10, 2015 certifying 24 MT FPDP Alumni.

- Over all 145 Master Trainers and HEC Officers completed their trainings in six batches.
- The basic aim of this programme was to train these MTs in further advanced areas/modules like: HRD and Organization, Needs Analysis/Assessment (NA), Training Design and Methods, Leadership and Teambuilding, Training Evaluation and Monitoring, Quality Assurance and Result-based Management (RBM) etc. so that they can successfully arrange, plan and conduct training and continuous professional development activities for their HEI's faculty and management.
- The participants of this training programme were alumni of Master Trainers-Faculty Professional Development Programme (MT-FPDP), who were already HEC Certified Trainers. This specific training will help them to become effective training managers and they will serve as liaison to coordinate training activities between HEC and their respective HEIs.
- During the course, the trainees got the opportunity to get in-depth skill enhancement orientation from world renowned experts which in return added value for each of the Master Trainer.
- During the training session, participants were divided into six groups according to their preferences. Division of participants into different areas was based on the training areas which were covered during the training. Each group worked on its respective area throughout the training and presented on the final day. The presentations were evaluated by the external evaluators.
- The final course evaluation was conducted under the supervision of the HEC and AIT representatives. It is important to mention that throughout the training the AIT staff got the online evaluation pro forma filled by the participants, which was a good exercise.

Advanced Faculty Professional Development Programme: Ensuring Training Effectiveness

| No. | Programme | Duration | Venue | No. of Participants |
|--------------|---|---------------------------|------------------------|---------------------|
| 1 | 6 th Advanced Faculty Professional Development Programme | March 21, -April 10, 2015 | AIT Extension, Bangkok | 24 |
| Total | | | | 24 |



Province wise AIT Programme Summary for the FY 2014-15

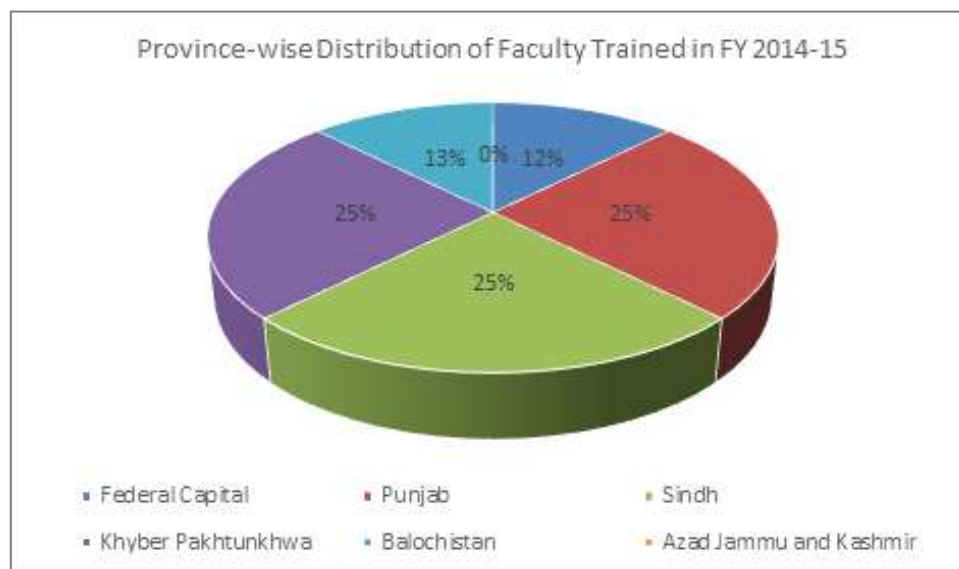
Pictorial View (6th AIT Batch)



Continuous Professional Development Seminars/Workshops

Continuous Professional Development has undergone tremendous change since 2004. Based on their need based proposals, Learning Innovation Division conducts various refresher Courses of up to two weeks duration round the year for the teaching faculty of Higher Education Institutions across Pakistan. These refresher courses aim to provide the background and skills necessary for faculty members to participate positively in the academic activities of the universities.

- Since 2003, 7691 university and college teaching faculty have benefitted until now. However, during the reporting Fiscal Year 2014-15, 240 attended the CPD workshops and seminars.



Province-wise Summary of CPD for the Fiscal Year 2014-15

Workshop-wise Summary of CPD for the Fiscal Year 2014-15

| No. | Name of Activity | Duration | Venue | Teachers Trained |
|--------------|---|----------|---|------------------|
| 1 | Two Workshops on "Faculty Professional Development" | 05 Days | Dawood University of Engineering and Technology, Karachi | 60 |
| 2 | Workshop on "Faculty Professional Development Programme" | 05 Days | Balochistan University of Engineering and Technology, Khuzdar | 30 |
| 3 | Workshop on "Effective Teaching Techniques and Modules" | 05 Days | University of Sindh, Jamshoro | 60 |
| 4 | Workshop on "In-Service Faculty Training on Thesis Writing and Paper Writing" | 03 Days | University of Wah, Wah | 30 |
| 5 | Workshop on "Faculty Professional Development Programme" | 05 Days | Gomal University, D.I.Khan | 30 |
| 6 | Workshop on "Faculty Professional Development" | 05 Days | Lasbella University of Agriculture Water and Marine Sciences, Uthal | 30 |
| Total | | | | 240 |

Modern University Governance Programmes

Leadership Training Programme for Newly Inducted Vice Chancellors of HEIs in Pakistan

This activity is designed to acquaint the participants of HEC orientation workshops for newly inducted institutional heads of HEIs with international standards and encourage them to replicate the same practices in their respective HEIs by arranging the programmes with foreign partners like British Council Pakistan, AIT Bangkok, Thailand and Commonwealth countries etc. The objectives of this activity are:

- To familiarise the participants with the understanding of Modern University Governance Tools based on international practices
- To develop and build capacity to envision and strategise strategic planning framework for their respective HEI's
- To develop a framework for improvement of University Governance

Leadership Training Programme for Senior Management of HEIs in Pakistan

The objectives of this training activity are:

- To improve participants' strategic planning and leadership
- To enhance capacity of participants by introducing management tools
- To provide an orientation to working in the universities with International Partners

Strategic Management Workshops for Senior Management of HEIs in Pakistan

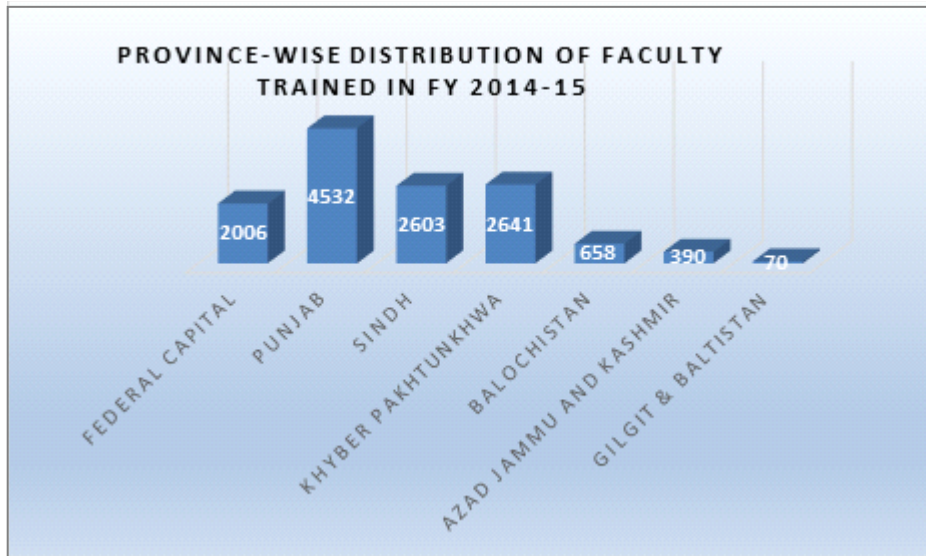
Strategic Management workshops for senior management of the HEIs are designed to attain following objectives:

- To equip middle level managers of the HEIs including Category B and C stakeholders at their doorsteps with basics of the strategic management tools
- To enable them to integrate their learning and experience

To achieve long term objectives such as vision and mission of the university as envisaged by the top level management.

Indigenous On-Campus Training Programme for Public Sector HEIs of Pakistan

The Indigenous On-Campus Training Programme was designed for the Capacity building of Non-Teaching Staff of Public Sector HEIs of Pakistan. The basic objective of this training programme was to help the employees acquire job related knowledge, skills, abilities and attitude towards their service. The financial assistance was given to the HEIs in the shape of grant-in-Aid.



Province wise Summary of MUG training activities for the fiscal year 2014-15



MUG Workshops

Orientation Workshop Leadership Training Programme



Indigenous On-campus Training Programmes



Strategic Management Workshops

English Language Teaching Reforms (ELTR)

Considering the dire need of English language in contemporary educational scenario, the Higher Education Commission Pakistan (HEC) launched its first ever language based project; The English Language Teaching Reforms (ELTR) with the acronym ELTR in July 2004. The vision of this project was to transfigure and update teaching standards, to bring about a significant improvement in the learning and teaching of English language and to improve quality of research in HEIs across Pakistan.

A Glimpse of ELTR Activities Phase II

| PC-I Activities | Offerings | PC-I Target | Achievements |
|---|---|-------------|--------------|
| Indigenous Scholarships/Degree Programmes | a. Indigenous Scholarships | | |
| | 1. MS in Applied Linguistics and related disciplines. | 150 | 129 |
| | 2. Masters in Applied Linguistics, TEFL, TESL, ELT 3. PGD, ADP in TEFL, TESL, ELT | | |
| Continuous Professional Development (CPD) | b. CPD Courses/ Fellowships | | |
| | 1. CPD Fellowships (up to 4 week) 2. CPD Courses (up to one week) • Computer Assisted Language Learning (CALL) • Testing and Evaluation • Research Methodology and Skills • Androgogical/Pedagogical Skills • Open and Customised Programs in ELT related areas | 240 1010 | 208 990 |
| Conferences/Seminars | Funding for National/International Conferences and Seminars on the theme of English Language Teaching and related issues | 10 | 09 |
| Funding for Research Journals | Funding to start a new English Research Journal | 05 | 03 |
| Funding of Research Projects | Provide ELT Scholars with research grants for small scale research projects | 05 | 04 |
| International Resource Persons' Trainings | To hold/organise IRP trainings to provide international level exposure to English faculty | 12 | 12 |
| Self-Access Centre (SAC) | Establishment of SAC in four public sector universities | 04 | 04 |

Since its inception, the ELTR project is working with dynamism to renovate and improvise the standards of English Language Teaching to bring them at par with academically advanced countries. The project accommodates the English Language Teaching faculty of public sector Higher Education Institutes across the country. The ELTR encompasses fecund components for capacity building of ELT faculty like Indigenous Scholarships and Continuous Professional Development (CPD) courses. The scope of this project is not restricted to it; this project will strengthen the English departments of public sector varsities. Establishment of Self Access Centre (SAC) is another exclusive initiative. Further, to nurture research, the project provides funding for new ELT Research Journals and for ELT based Research Projects. The ELTR provides a robust platform of Conferences and Seminars to English fraternity for sharing and presenting their work for ELT reforms.

The phase-II of the project was launched with the mission to transfigure and reform English language teaching genre across the country. The year 2014-15 remained productive and vibrant in terms of inculcating new teaching techniques to ELT faculty through various activities. The project brush up few mechanisms and policies to streamline English fraternity in a more systematic way and to facilitate native English faculty with international trainings through International donor agencies like British Council and US Embassy, Pakistan. The Indigenous Scholarships, CPD courses and new Research Journals remained among the most focused areas. The year of 2014-15 set new ELT dimensions to enrich and enhance English language teaching and research.

ELTR Core Functions

ELTR phase-II was initiated in 2004 with deep-seated concepts and set far-reaching objectives to meet the International standards. The National Committee on English (NCE) constituted in 2003 was strategically revised in Phase II. Dr. Saeeda Asadullah was selected as the chair of NCE. The committee supported cause of ELT reforms and rendered outstanding support to the project in policy making in all key areas of ELT.

- In the year 2014-15, the 6th NCE meeting was organised on October 31, 2014. The committee shortlisted the candidates for the award of ELT Indigenous scholarship.
- The members of committee after a detailed deliberation recorded their reservations for few universities where candidates who applied for scholarships were enrolled. The committee recommended to check the status of universities and their English departments from Attestation and Accreditation and Quality Assurance divisions of HEC before finalising the award. Further, the committee shortlisted the universities for the award of seed money to launch new ELT Research Journals. ELTR and US Embassy, Pakistan discussed the upcoming International Resource Persons training to conduct as a joint venture.



Performance of the ELTR Project during the year 2014-15

To bring about a substantial transformation in English teaching, ELTR Phase-II is working more meritoriously towards bridging the gap between the faculty of English language and literature. On the other hand, both streams are strategically grouped together in the continuous professional development courses.

Indigenous Scholarships for ELT Community

During year 2014-15, the project awarded 27 Indigenous Scholarships to English faculty of HEIs across Pakistan. Currently, 58 of the ELTR indigenous scholars are pursuing their Masters and M. Phil Degrees in linguistics and other language based programs. Ninety eight scholars have completed their degrees. The project awarded 129 scholarships till the date against the target of 150.

Continuous Professional Development (CPD) Programmes

During the year 2014-15, one week course on "Computer Assisted Language Learning (CALL)" was organised at Mehran University of Engineering and Technology, Jamshoro (MUET) on September, 08-12, 2014. Twenty two participants of various HEIs of Sindh participated in this course to get exposure of latest classroom technology.



International Resource Person (IRP) Trainings

English Language Teaching Reforms (ELTR) in Phase II joined hands with US Embassy, Pakistan and British Council Pakistan to organise collaborated training courses by foreign trainers. The aim was to provide International exposure to indigenous English faculty. The participants are jointly certified by these donor partners and the HEC. This year like the previous years, remained sparkling in terms of organizing IRP courses for indigenous ELT faculty.

Two consecutive International Resource Person workshops were organised in collaboration with US Embassy, Pakistan on "Teaching English as Foreign Language (TEFL)" at HEC Regional Center, Lahore from December 08-19, 2014. Dr. Ana Lado was the Resource Person. As many as 47 English teachers from different colleges and universities across Pakistan were certified in these workshops.



Self Access Centres (SACs)

In Phase II, the ELTR Project envisioned to strengthen the English departments and research centres of the universities by providing funding to establish Self Access Centres. The major objective behind this vision is to upgrade and elevate the English language proficiency of faculty of English and other disciplines in Humanities and Social Sciences as well. SACs serve as "HUBs" of IT learning. It facilitates to integrate technology in regular teaching and learning process. The ELTR Project in the Fiscal Year 2013-14 awarded funding to the University of Poonch, Rawalakot to establish SAC. In the year 2014-15, the centre made completely functional. It was equipped with 25 latest computers and updated software. With this award of SAC the project has accomplished its target of establishing 4 SACs in public sector universities.

National/International Seminars/Conferences

The project provides funding to organise ELT based seminars/conferences. The objective is to provide a resilient platform to English Language Teachers to upgrade their teaching skills and techniques as per global standards for the enhancement and improvement of research culture in Pakistan.

One day international seminar on "Action Research in ELT" was organised on September 09, 2014 at Lahore College for Women University, Lahore (LCWU). Prof. Dr. Anne Burns, University of New South Wales Sydney facilitated this seminar and highlighted the need of Action Research in Education. The seminar explored concepts and processes of action research and what it can offer teachers and teacher educators who want to conduct investigations in relation to their own practice. Participants took a closer look at developing an action research focus, deciding on classroom interventions and collecting and analysing data to inform decisions about further practice. The role and purpose of reflection in action research was also highlighted.



Faculty Trained in FY 2014-2015

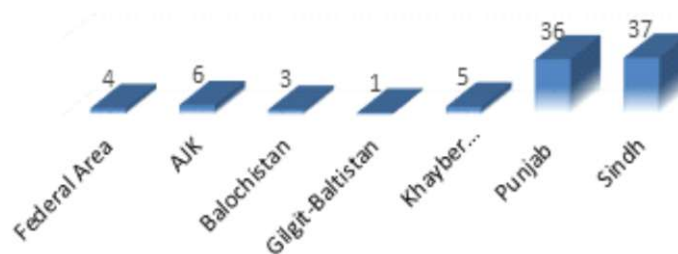
| Region | Indigenous Scholarships | CPD Courses | | IRP Trainings | Total |
|-----------------------|-------------------------|-------------|----------|---------------|-----------|
| | | 01 Week | 01 Month | | |
| AJK | 2 | 0 | 0 | 3 | 5 |
| Balochistan | 0 | 0 | 0 | 3 | 3 |
| Federal Area | 1 | 0 | 0 | 4 | 5 |
| Gilgit-Baltistan (GB) | 0 | 0 | 0 | 1 | 1 |
| Khyber Pakhtunkhwa | 2 | 0 | 0 | 3 | 5 |
| Punjab | 12 | 0 | 0 | 24 | 36 |
| Sindh | 3 | 25 | 0 | 9 | 37 |
| TOTAL | 20 | 25 | 0 | 47 | 92 |

Faculty Benefitted through ELTR Sponsored Programmes (FY 2014-15)



■ Indigenous Scholarships ■ CPD Courses ■ IRP Trainings

Province-wise Faculty Benefitted through ELTR Phase-II (July 2014-June 2015)





Information Technology



Information Technology

The Higher Education Commission is implementing new strategies for meeting the rising demand for higher education and growth challenges. It has embraced the digital revolution of information and communication technology and is successfully utilising it for dissemination of higher education, increasing productivity, workability and promoting innovation.

HEC aims to ensure a comprehensive information and communication technology plan for implementation so as to develop a knowledge-based society in Pakistan while providing means and resources to higher education institutions for strengthening computing and telecommunications infrastructure.

IT division has proved vital in transforming HEC into a vibrant institution by maintaining its forte of providing consultancy services extended technical assistance and support to a number of higher education institutions across Pakistan. There have been significant developments and accomplishments in various services offered by HEC through IT division to the higher education institutions across Pakistan.

Pakistan Education and Research Network (PERN) being at the forefront expanded its footprints across the country and has grown by 11.11% in 2014-15 to provide high-speed connectivity to higher education institutions. The network performance has improved by increasing data transfer rate over 17.65% as bandwidth has increased from 8.8 Gigabits per second (Gbps) to 10.5 Gbps, whereas overall network service availability surpasses the barrier of 99.9%.

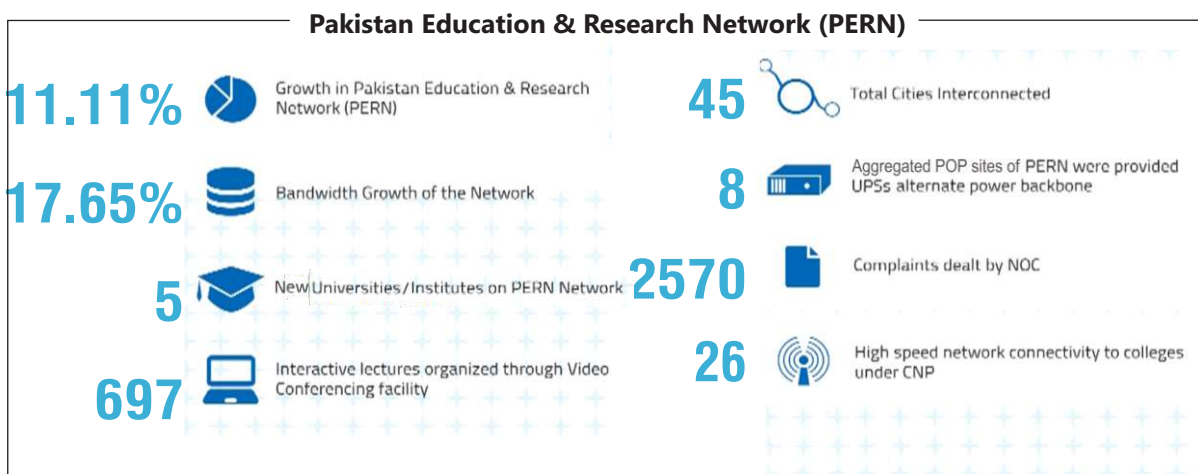
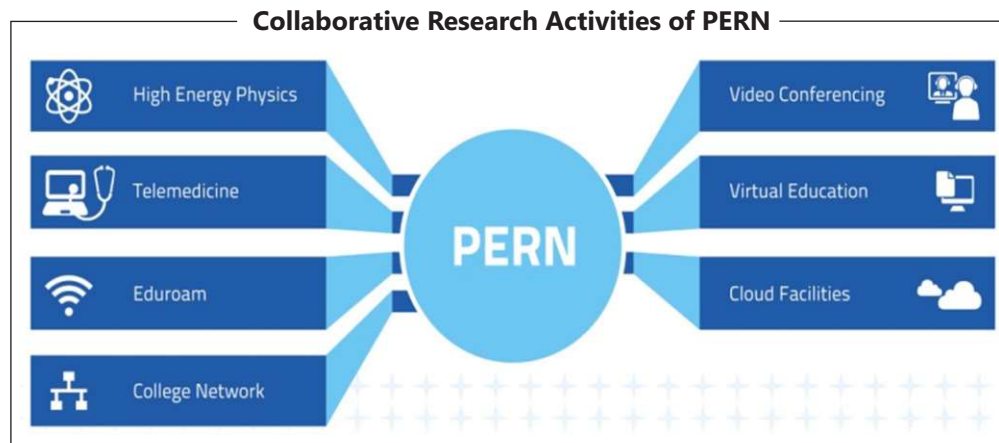
The research and collaborative activities in the field of higher energy physics, telemedicine, and network technologies brought true value as per the spirit of PERN. Video conferencing facility is one of the tremendous applications of PERN, which has enabled institutions, scientists and researchers to communicate live from distant locations.

Helping higher education institutions with the technology upgrades have been at its peak. Apart from the technology up gradation routine, PERN team introduced virtual desktop interface as a cloud application which is a cost-effective technique and a long-term IT solution.

IT division provided extensive support to the IT infrastructure and day-to-day services offered at HEC Secretariat and the Regional Centres. The online services of degree attestation and equivalence services, online scholarship services and HEIs ranking offered by HEC underwent major developments to provide feature-rich experience to the public. The division also helped HEIs to grow and execute of IT-based services to offer excellent experience to learners, academicians, technologists and researchers to be at par with their peers in the developed world.

Pakistan Education & Research Network

Since its inception, Pakistan Education and Research Network (PERN) has been offering a reliable, stable state-of-the-art communications network for research and collaboration in areas like grid computing, high energy physics, telemedicine, and video conferencing. These network based services are not only available within the country, but they are also helpful in the research and education connectivity with other National Research and Education Networks of the world and their consortia to serve the academic and research community globally. The educational and research activities of PERN are diversified ranging from network technologies and physical sciences to medical and health sciences.



High Energy Physics

PERN being a member of Trans-Eurasia Information Network has helped high-energy physicists of Pakistan to access Large Hadron Collider (LHC) data of CERN, Geneva by providing high speed connectivity. The participation of National Centre for Physics (NCP), Quaid-i-Azam University, in the global collaboration was also made possible with the PERN connectivity to NCP which provides international link of 155 megabits per second. A large number of students and researchers are using this data for educational and research purposes.

Telemedicine

Telemedicine is an IT-based approach to provide clinical healthcare at a distance. Telemedicine activities have been amongst the fortes of PERN and in the recent past, PERN has successfully pledged advanced telemedicine activities in collaboration with Society of Surgeons of Pakistan while connecting "Holy Family Hospital Rawalpindi" – first teaching hospital on PERN. PERN being a member of Asia-Pacific Advanced Network and Trans Eurasia (TEIN) has been able to bridge higher education institutions in Pakistan with Seoul National University, Korea and Kyushu University, Japan for live surgeries and telemedicine workshops.



Eduroam

PERN has successfully deployed test bed of Eduroam which is an international wireless Internet access service developed for the research and education community at selected HEIs. This service has been tested and made operational at foreign universities as well. PERN users can access the wireless internet at all Eduroam enabled sites nationally and internationally.

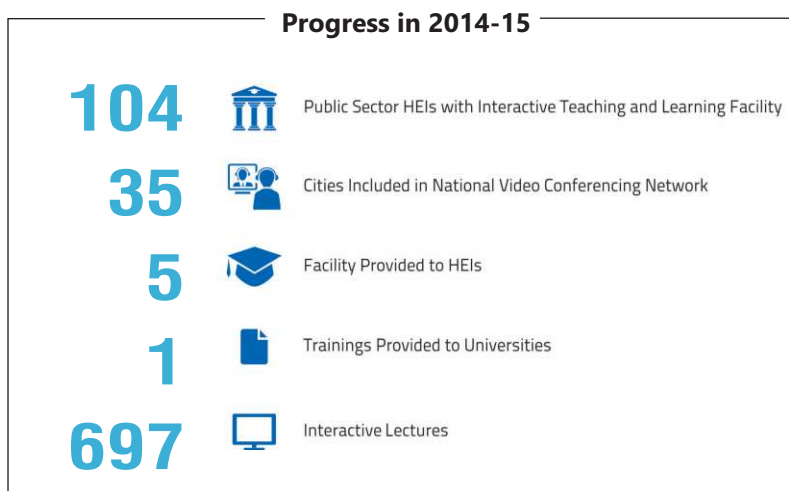


College Network of Pakistan

The degree and postgraduate colleges operating under Higher Education Departments of Provincial Governments have been provided high speed network connectivity so as to form the College Network of Pakistan (CNP). The pilot phase of the project has been initiated with the concept to provide primitive communication links and internet services to selected 26 colleges across the province of Punjab to uplift the quality of education. The network connectivity will be extended to other colleges across the province in near future. The Higher Education Commission is providing services on highly subsidised rates especially designed for colleges.

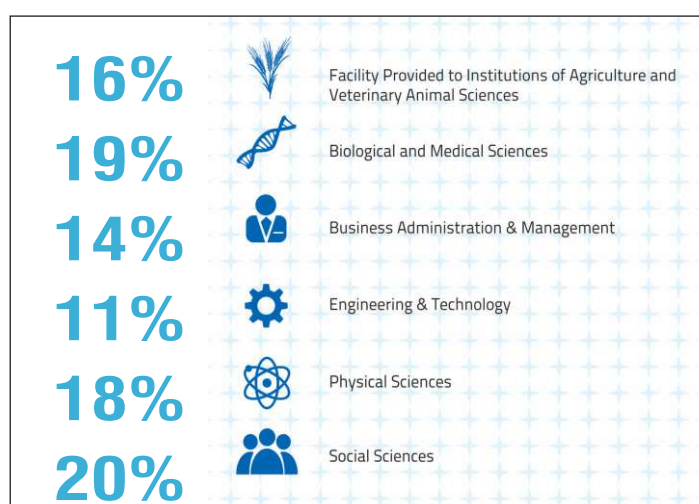
National Video Conferencing Network

HEC, while supporting the mandate to develop e-Academia, established the national video conferencing network for higher education sector and provided world-class purpose-built video conferencing facility at all the public sector universities across Pakistan. Video conferencing has proven to be a cost-effective solution to higher education in Pakistan. It has emerged as an effective tool to enhance student-teacher interactions; bridge the gap of good faculty; and meet the shortage of faculty members at the universities located at far-flung areas.



Virtual Education Project, Pakistan

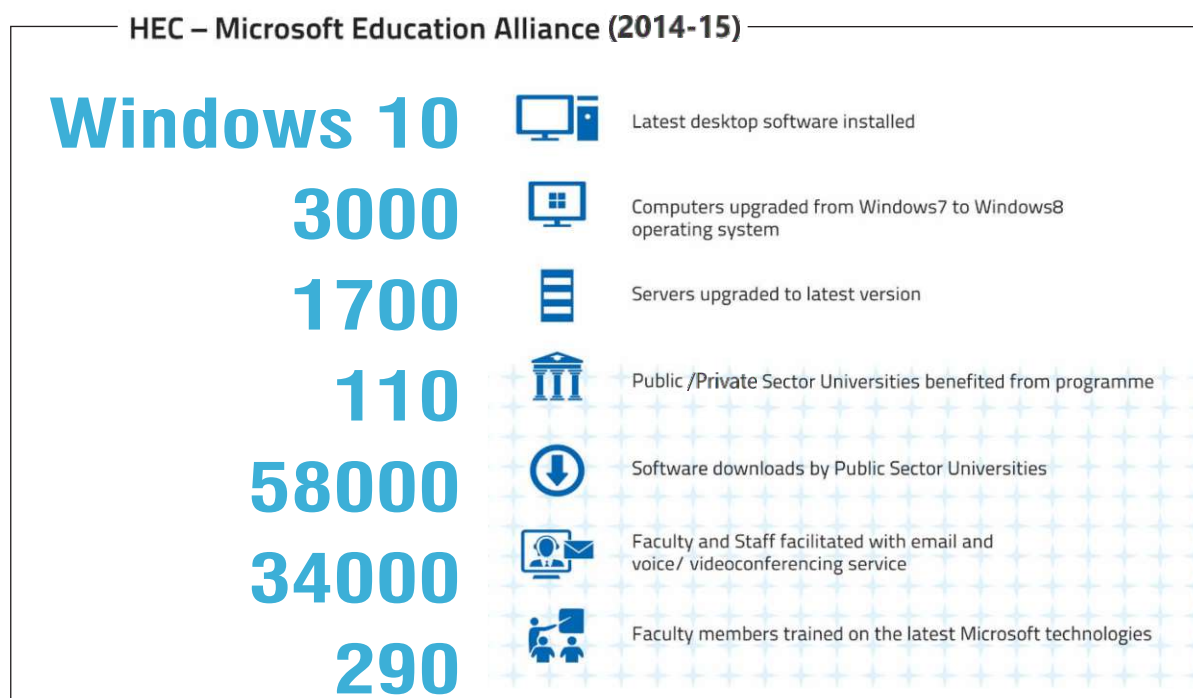
The distance learning programme is the key factor in educational globalisation. Virtual Education Programme of Pakistan (VEPP) meets the standards in distance learning programme. Through this programme, eminent professors/scholars both foreign and local are invited to deliver domain specific series of lectures. These lectures' credit hours as defined by the professor and assessed by VEPP are considered against course work requirements of MS and PhD programmes. The project also includes skill development courses/ modules and



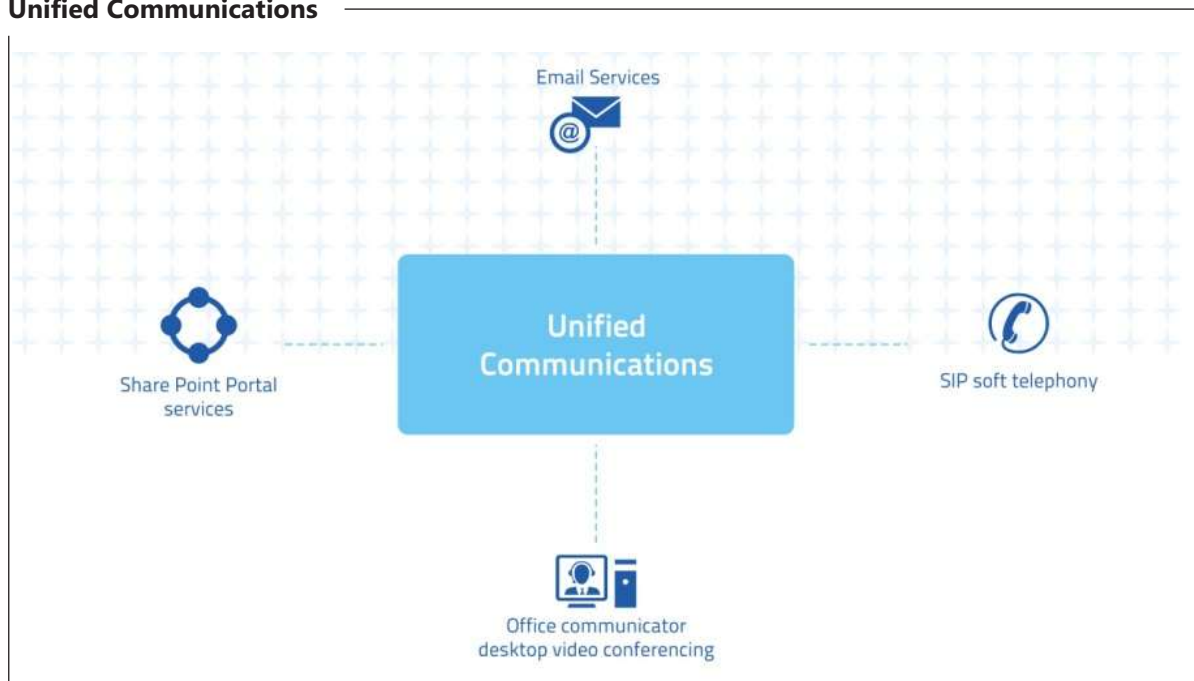
lectures on the cutting-edge technologies/research in various advanced fields. The Higher Education Commission has sought assistance from HEJ International Centre of Chemistry and Biological Sciences, HEJ Institute, University of Karachi to execute the Virtual Education Project, Pakistan.

HEC – Microsoft Education Alliance

The Higher Education Commission signed a Strategic Education Alliance Agreement with Microsoft Corporation which gives higher education institutions in Pakistan full access to the latest licensed software from Microsoft, not only for all servers operating in the universities but also for the desktops and laptops of faculty and staff. The HEC Microsoft Education Alliances encourages instructors to improve the overall performance of education and research at the higher education institutions. Under the programme, free software access is available to more than a million students.



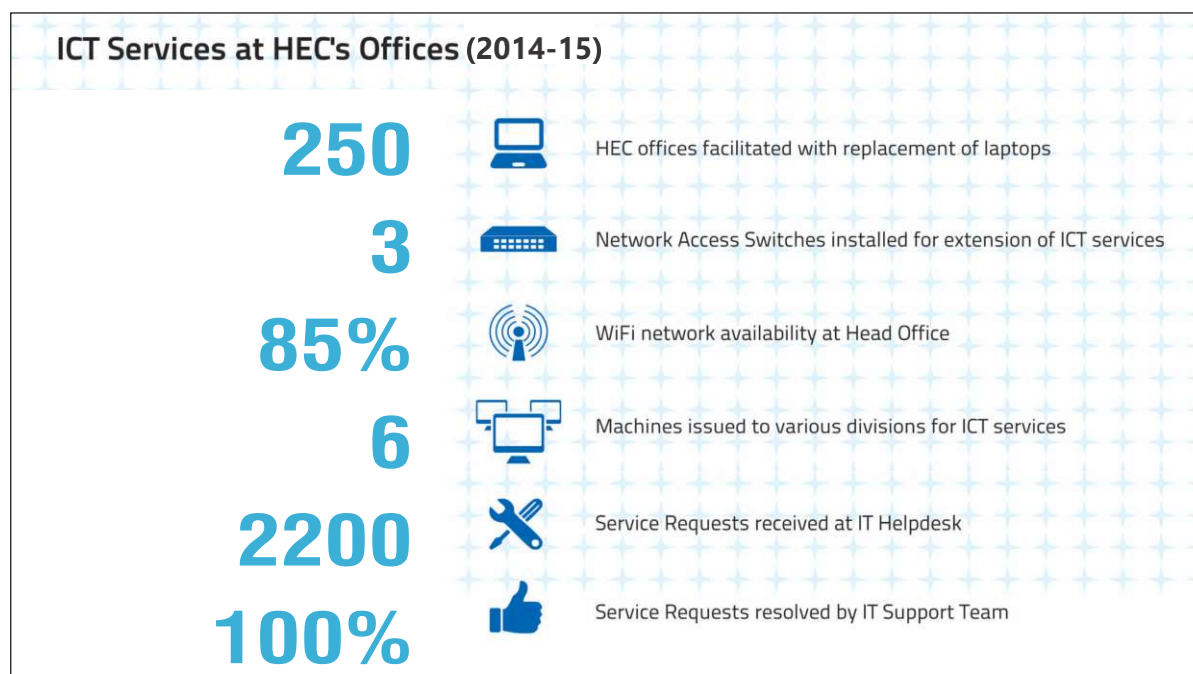
Unified Communications



The Unified Communications (UC) solution as introduced by HEC for the higher education institutions is a research and knowledge centric service that takes advantage of Pakistan Education and Research Network. The solution which includes email services, office communicator desktop video conferencing, SIP soft telephony, and SharePoint Portal services is based on the private cloud technology. The services are offered to the faculty and staff of all HEIs and selected colleges across the country while enabling HEIs to benefit from Software-as-a-Service model of cloud computing.

ICT Services at HEC Offices

HEC has established technically advanced and outstanding ICT infrastructure at its Secretariat in Islamabad as well as at its regional offices in Peshawar, Lahore, Quetta, and Karachi. ICT services are offered to employees, visitors, delegates, and general public. The ICT infrastructure and services have gone through rigorous evolution process over past one decade. Since then ICT services at HEC Secretariat and its Regional Centres are being managed and enhanced HEC's own recurring budget. In this regard upgradation of the Network Management System, installation of hardware and provision of machines to ensure smooth ICT services for official business of HEC is being materialised.



Hosted Data Centres and Private Cloud Facilities for HEIs

The Higher Education Commission as part of its overall strategy of strengthening existing National ICT infrastructure has established National Data Centres in Islamabad and Regional Data Centres in Karachi, Lahore and Peshawar, for providing hosted and managed services to Higher Education Institutions of Pakistan.

In addition, the HEIs are being offered Cloud Computing facility from these Data Centres and plans have been put in place to offer Internet Data Centre (IDC) and Virtual Desktop Interface (VDI) to all HEIs. HEC has realised that the Internet Data Centres provide the most cost-effective solution for hosting services while retaining autonomy and individuality in a managed environment. For this purpose, the current practices in IT of Cloud Computing are also being encouraged and offered to HEIs which will further optimise the usage of scarce hardware resources on-demand and on applications' need basis, resulting a substantial savings of public funds.



Sports Division



Sports Division

Pakistan University Sports Board (PUSB) has been working with an aim to encourage and promote games and sports in Pakistani universities. It plans and executes various sports activities in order to offer opportunities of social contact and understanding amongst university students and evoke the interest of students in recreation and sports. Organising inter-university sports is a flagship activity of Sports Division, wherein 35 intervarsity events are organised in one calendar year for men including seven events at zonal level. Universities have been divided into nine zones across Pakistan for representation of student players at grass root level. Likewise, 25 intervarsity sports events are organised for female students. The student players are awarded trophies, cash prizes and certificates of distinction as well as coloured certificates upon showing outstanding merit and performance. HEC-selected teams and players participate at national, international and regional championships. The players who win medals at national and international level are granted prize money and scholarships.

PUSB/ Sports Division strongly advises universities regarding regular sports activities round the year instead of holding sports weeks. Competitive sports is meant only for professionals, however, recreational sports should be essential for students at tertiary level to inculcate a sportsman spirit and broaden their mind. HEC is also providing funds to HEIs for development of infrastructure related with sports grounds, courts, equipment and gears, etc.

Main Activities of PUSB/ Sports Division:

- a. Organising Intersarsity Sports Championships
- b. Participation in National Sports Activities
- c. Participation in International Sports Activities
- d. Funding of Sports Activities

a. Organising Intersarsity Sports Championships

Organising intersarsity sports championships is a regular feature of PUSB. As many as 23 men and 12 women events were held in FY 2014-15. University of Central Punjab Lahore secured overall 1st position in category of men events with 3406 points and University of the Punjab Lahore got 1971 points in the events of women category. Top three university Directors (Sports) and their staff in overall intersarsity sports position ranking were awarded cash prize of Rs. 3,00,000.00 Rs. 2,00,000.00 and Rs. 1,00,000.00 as per below ranking grid:

Overall Ranking of Universities in Intervarsity Sports (Men) 2014-15

| S No | University/Institute | ATHLETICS | BADMINTON | BODYBUILDING | BASEBALL | BASKETBALL | BOXING | CRICKET | FOOTBALL | HANDBALL | HOCKEY | JUDO | KABADDI | MOUNTAINEERING | TAEKWONDO | RUGBY | SHOOTING | SQUASH | SWIMMING | TABLE TENNIS | ROVERING | VOLEYBALL | WRESTLING | WEIGHTLIFTING | TOTAL | PARTICIPATION | PUSB RECORD BREAK | TOTAL POINTS | POSITIONS | |
|------|--|-----------|-----------|--------------|----------|------------|--------|---------|----------|----------|--------|------|---------|----------------|-----------|-------|----------|--------|----------|--------------|----------|-----------|-----------|---------------|--------|---------------|-------------------|--------------|-----------|---|
| 1 | University of Central Punjab, Lahore | 298 | 30 | 145 | 80 | 150 | 75 | 150 | 150 | 150 | 150 | 91 | 80 | | 194 | 40 | 427 | 18 | 208 | 30 | | 150 | 110 | 90 | 2816 | 530 | 60 | 3406 | 1 | |
| 2 | University of the Punjab, Lahore | 314 | 45 | 34 | | 100 | 85 | 60 | | 60 | | 51 | | | 148 | 60 | 362 | | 107 | 45 | 30 | | 57 | 67 | 1624.5 | 530 | 15 | 2170 | 2 | |
| 3 | Superior College, Lahore | 35 | 12 | 26 | 60 | | 20 | | | 100 | 100 | 42 | 40 | | 88 | | 140 | | | | | | 40 | 53 | 58 | 814 | 500 | | 1314 | 3 |
| 4 | The University of Lahore | | | 67 | 40 | | | | 60 | | | | | | 34 | 80 | 338 | | | | | | 20 | 24 | 662.5 | 310 | | 972.5 | 4 | |
| 5 | COMSATS Institute of Information Technology, Islamabad | | | | | | | | 100 | | | | | 18 | | | 126 | | 210 | | | | | | 454 | 290 | | 744 | 5 | |
| 6 | University of Karachi, Karachi | | | | | | | | | | 60 | 15 | | | 47 | | 18 | 30 | 209 | | | | 1.5 | | 380.5 | 350 | | 730.5 | 6 | |
| 7 | Islamia University Bahawalpur | | | | 30 | | | | | | 40 | 6 | 60 | | 57 | 30 | 13 | | | | | | 17 | | 252.5 | 400 | | 652.5 | 7 | |
| 8 | Govt. College University, Lahore | 42 | | | | | | | | | | | | | | | | 12 | 47 | | 40 | | 3 | 2 | 146 | 350 | | 496 | 8 | |
| 9 | Iqra University, Karachi | 7 | | | 60 | | | | | | | | | | 2 | | 9 | | 48 | 18 | | | | 1 | 145 | 320 | | 465 | 9 | |
| 10 | University of Peshawar | 12 | | | | | 30 | 100 | | | | | | | | | | | | | | | | | 142 | 290 | | 432 | 10 | |
| 11 | University of Veterinary & Animal Sciences, Lahore | | | 26 | | | | | | | | | | | 15 | | | | | | | | 1.5 | 37 | 79.5 | 310 | 15 | 404.5 | 11 | |
| 12 | Abdul Wali Khan University, Mardan | 8 | | | | | | | | | | 6 | | | | | | | | | | 100 | 5 | 1 | 120 | 220 | | 340 | 12 | |
| 13 | University of Agriculture, Faisalabad | | 18 | | | | | | | | | | | 12 | | | | | | | 80 | | 3 | | 113 | 220 | | 333 | 13 | |
| 14 | Quaid-i-Azam University, Islamabad | | | | | | | | 40 | | | 6 | 45 | | | | | | | | | | 20 | | 111 | 200 | | 311 | 14 | |
| 15 | University of Sargodha | 30 | | | | | | | | 40 | | | | | | | | | | | | | | | 70 | 230 | | 300 | 15 | |
| 16 | Sindh Agriculture University | | | | | | 30 | | | | | | | | | | | | | | | | 6 | | 36 | 220 | | 256 | 16 | |
| 17 | University of Sindh, Jamshoro | 4 | | | | | 70 | | | | | | | | | | | | | | | | | | 74 | 160 | | 234 | 17 | |
| 18 | Govt. College University, Faisalabad | 76 | | | | | | | | | | | | | | | | | | | | | | | 76 | 140 | | 216 | 18 | |
| 19 | Bahauddin Zakariya University, Multan | 5 | | | | | | | | | | | | | | | | | | | 60 | | 8 | | 73 | 130 | | 203 | 19 | |
| 20 | University of Engineering & Technology, Lahore | | | | | | | | | | | | | | 2 | | | | | | | | | | 2 | 190 | | 192 | 20 | |
| 21 | Islamia College University, Peshawar | | | | | | | 40 | | | | | | | | | | | | | | | | | 40 | 130 | | 170 | 21 | |
| 22 | International Islamic University, Islamabad | | | | | | | | | | | | | 30 | 2 | | | | | | | | | | 32 | 130 | | 162 | 22 | |
| 23 | Gomal University D.I. Khan | | | | | | | | | | | | | | 10 | | | | | | | | | | 10 | 140 | | 150 | 23 | |
| 24 | Mehran University of Engineering and Technology Jamshoro | | | | | | | | | | | | | | | | | | | | | | | | 0 | 150 | | 150 | 23 | |
| 25 | University of Sciences & Technology, Bannu | | | | | | | | | | | | | | | | | | | | | | | | 60 | 70 | | 130 | 25 | |
| 26 | University of Azad Jamu & Kashmir, Muzaffarabad | | | | | | | | | | | | | | | | 16 | | | | | | | | 16 | 100 | | 116 | 26 | |
| 27 | Univ. of Balochistan, Quetta | | | | | | | | | | | | | | | | | | | | | | | | 94 | 20 | | 114 | 27 | |
| 28 | Bahria University, Islamabad | | | | | 40 | | | | | | | | | | | | | | | | | | | 40 | 70 | | 110 | 28 | |
| 29 | Kohat University of Sciences & Technology, Kohat | | | | | | | | | | | | | | | | | | | | | | | | 0 | 110 | | 110 | 28 | |
| 30 | Hazara University, Dодhial, Mansehra. | | | | | | | | | | | | | | | | | | | | | | | | 0 | 110 | | 110 | 28 | |
| 31 | Forman Christian University, Lahore | | | | | | | | | | | | | | | | | | | | | | | | 0 | 110 | | 110 | 28 | |

| S No | University/Institute | ATHLETICS | BADMINTON | BODYBUILDING | BASEBALL | BASKETBALL | BOXING | CRICKET | FOOTBALL | HANDBALL | HOCKEY | JUDO | KABADDI | MOUNTAINCLIMBING | TAEKWONDO | RUGBY | SHOOTING | SQUASH | SWIMMING | TABLE TENNIS | ROVERING | VOLEYBALL | WRESTLING | WEIGHTLIFTING | TOTAL | PARTICIPATION | PUSB RECORD BREAK | TOTAL POINTS | POSITIONS |
|------|--|-----------|-----------|--------------|----------|------------|--------|---------|----------|----------|--------|------|---------|------------------|-----------|-------|----------|--------|----------|--------------|----------|-----------|-----------|---------------|-------|---------------|-------------------|--------------|-----------|
| 32 | Balochistan University of Information Technology & Management Sciences, Quetta | | | | | | | | | | | | | | | | | | | | | | | | 0 | 100 | | 100 | 32 |
| 33 | QUEST, Nawabshah | | | | | | | | | | | | | | | | | | | | | | | | 0 | 100 | | 100 | 32 |
| 34 | Shah Abdul Latif University, Khairpur | | | | | | | | | | | | | | | | | | | | | | | | 0 | 100 | | 100 | 32 |
| 35 | University of Engineering & Technology, Peshawar | 2 | | | | | | | | | | | | | | | | | | | | | | | 2 | 90 | | 92 | 35 |
| 36 | National University of Sciences & Technology, Islamabad | | | | | | | | | | | | | | | | | | | | | | | | 0 | 90 | | 90 | 36 |
| 37 | Sir Syed University, Karachi | | | | | | | | | | | | | | | | | | | | | | | | 0 | 90 | | 90 | 36 |
| 38 | Mirpur University of Sciences & Technology, Mirpur | | | | | | | | | | | | | | | | | | | | | | | | 0 | 90 | | 90 | 36 |
| 39 | Institute of Business Management, Karachi | | | | | | | | | | | | | | | | | | | 12 | | | | | 12 | 70 | | 82 | 39 |
| 40 | Institute of Southern Punjab, Multan | | | | | | | | | | | | | | | | | | | | | | | 1.5 | 1.5 | 80 | | 81.5 | 40 |
| 41 | University of Poonch, Rawalakot | | | | | | | | | | | | | | | | | | | | | | | | 0 | 70 | | 70 | 41 |
| 42 | University of Faisalabad, Faisalabad | | | | | | | | | | | | | | | | | | | | | | | | 0 | 70 | | 70 | 41 |
| 43 | Muhammad Ali Jinnah Uni. Islamabad | | | | | | | | | | | | | | | | | | | | | | | | 0 | 70 | | 70 | 41 |
| 44 | University of Agriculture, Peshawar | | | | | | | | | | | | | | | | | | | | | | | | 0 | 70 | | 70 | 41 |
| 45 | Beaconhouse National University, Lahore | | | 12 | | | | | | | | | | | | | | | | | | | | | 12 | 50 | | 62 | 45 |
| 46 | Isra University, Hyderabad | | | | | | | | | | | | | | | | | | | | | | | | 0 | 60 | | 60 | 46 |
| 47 | Greenwich University, Karachi | | | | | | | | | | | | | | | | | | | | | | | | 0 | 60 | | 60 | 46 |
| 48 | Lahore Leads University | | | | | | | | | | | | | | | | | | | | | | | | | 60 | | 60 | 46 |
| 49 | University of Management & Technology, Lahore | | | | | | | | | | | | | | | | | | | | | | | | 0 | 50 | | 50 | 49 |
| 50 | PIEAS, Islamabad | | | | | | | | | | | | | | | | | | | | | | | | 0 | 50 | | 50 | 49 |
| 51 | Air University, Islamabad | | | | | | | | | | | | | | | | | | | | | | | | 0 | 50 | | 50 | 49 |
| 52 | PMAS Arid Agriculture Rawalpindi | | | | | | | | | | | | | | | | | | | | | | | | 0 | 50 | | 50 | 49 |
| 53 | Liaquat Medical, Jamshoro | | | | | | | | | | | | | | | | | | | | | | | | 0 | 50 | | 50 | 49 |
| 54 | Lahore University of Management Sciences, Lahore | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | 50 | 49 |
| 55 | NUML, Islamabad | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | 50 | 49 |
| 56 | Lahore Garrison University, Lahore | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 40 | | 44 | 56 |
| 57 | NED University of Engineering & Technology, Karachi | | | | | | | | | | | | | | | | | | | | | | | | 0 | 40 | | 40 | 57 |
| 58 | University of Swat | | | | | | | | | | | | | | | | | | | | | | | | 0 | 40 | | 40 | 57 |
| 59 | University of Engineering & Technology, Taxila | | | | | | | | | | | | | | | | | | | | | | | | 0 | 40 | | 40 | 57 |
| 60 | Preston University, Islamabad | | | | | | | | | | | | | | | | | | | | | | | | 0 | 40 | | 40 | 57 |

| S. No. | University/Institute | ATHLETICS | BADMINTON | BODYBUILDING | BASEBALL | BASKETBALL | BOXING | CRICKET | FOOTBALL | HANDBALL | HOCKEY | JUDO | KABADDI | MOUNTAINEERING | TAEKWONDO | RUGBY | SHOOTING | SQUASH | SWIMMING | TABLE TENNIS | ROVERING | VOLEYBALL | WRESTLING | WEIGHTLIFTING | TOTAL | PARTICIPATION | PUSB RECORD BREAK | TOTAL POINTS | POSITIONS |
|--------|---|-----------|-----------|--------------|----------|------------|--------|---------|----------|----------|--------|------|---------|----------------|-----------|-------|----------|--------|----------|--------------|----------|-----------|-----------|---------------|-------|---------------|-------------------|--------------|-----------|
| 61 | Shaheed Benazir Bhutto University Sheringal, Dir Upper | | | | | | | | | | | | | | | | | | | | | | | | 0 | 40 | | 40 | 57 |
| 62 | National Textile University, Faisalabad | | | | | | | | | | | | | | | | | | | | | | | | 0 | 40 | | 40 | 57 |
| 63 | Agha Khan University, Karachi | | | | | | | | | | | | | | | | | | | | | | | | 0 | 40 | | 40 | 57 |
| 64 | Foundation University | | | | | | | | | | | | | | | | | | | | | | | | | 40 | | 40 | 57 |
| 65 | Karakorum International University, Gilgit | | | | | | | | | | | | | | | | | | | | | | | | 0 | 30 | | 30 | 65 |
| 66 | King Edward Medical University | | | | | | | | | | | | | | | | | | | | | | | | | 30 | | 30 | 65 |
| 67 | Sarhad University Peshawar | | | | | | | | | | | | | | | | | | | | | | | | | 30 | | 30 | 65 |
| 68 | University of Health Sciences, Lahore | 2 | | | | | | | | | | | | | | | | | | | | | | | 2 | 20 | | 22 | 68 |
| 69 | Baqai Medical University, Karachi | | | | | | | | | | | | | | 2 | | | | | | | | | | 2 | 20 | | 22 | 68 |
| 70 | Virtual University of Pakistan | | | | | | | | | | | | | | | | | | | | | | | | 0 | 20 | | 20 | 70 |
| 71 | Institute of Space Technology, Islamabad | | | | | | | | | | | | | | | | | | | | | | | | 0 | 20 | | 20 | 70 |
| 72 | University of South Asia Lahore | | | | | | | | | | | | | | | | | | | | | | | | 0 | 20 | | 20 | 70 |
| 73 | Textile Institute of Pakistan | | | | | | | | | | | | | | | | | | | | | | | | 0 | 20 | | 20 | 70 |
| 74 | Hamdard University | | | | | | | | | | | | | | | | | | | | | | | | 0 | 20 | | 20 | 70 |
| 75 | IBA, Karachi | | | | | | | | | | | | | | | | | | | | | | | | 0 | 20 | | 20 | 70 |
| 76 | City University of Science & Information Technology, Peshawar | | | | | | | | | | | | | | | | | | | | | | | | 0 | 20 | | 20 | 70 |
| 77 | GIKI, Swabi | | | | | | | | | | | | | | | | | | | | | | | | 0 | 20 | | 20 | 70 |
| 78 | University of Malakand | | | | | | | | | | | | | | | | | | | | | | | | 0 | 20 | | 20 | 70 |
| 79 | Ripah International University | | | | | | | | | | | | | | | | | | | | | | | | 0 | 20 | | 20 | 70 |
| 80 | University of Gujrat, Gujrat | | | | | | | | | | | | | | | | | | | | | | | | 0 | 10 | | 10 | 80 |
| 81 | University of Haripur | | | | | | | | | | | | | | | | | | | | | | | | 0 | 10 | | 10 | 80 |
| 82 | BIZTEK, Karachi | | | | | | | | | | | | | | | | | | | | | | | | 0 | 10 | | 10 | 80 |
| 83 | Indus University, Karachi | | | | | | | | | | | | | | | | | | | | | | | | 0 | 10 | | 10 | 80 |
| 84 | PAF KIET, Karachi | | | | | | | | | | | | | | | | | | | | | | | | 0 | 10 | | 10 | 80 |
| 85 | PIMSAT, Karachi | | | | | | | | | | | | | | | | | | | | | | | | 0 | 10 | | 10 | 80 |
| 86 | NCBA&E | | | | | | | | | | | | | | | | | | | | | | | | 0 | 10 | | 10 | 80 |
| 87 | National College of Arts Lahore | | | | | | | | | | | | | | | | | | | | | | | | 0 | 10 | | 10 | 80 |

Overall Ranking of Universities in Intersarsity Sports (Women) 2014-15

| S. No. | University/Institute | ATHLETICS | BADMINTON | BASEBALL | BASKETBALL | CRICKET | FOOTBALL | HOCKEY | R.SHOOTING | TAEKWONDO | SWIMMING | TABLE TENNIS | VOLEYBALL | Participation | Record | Grand Total | Position |
|--------|--|-----------|-----------|----------|------------|---------|----------|--------|------------|-----------|----------|--------------|-----------|---------------|--------|-------------|----------|
| 1 | University of the Punjab, Lahore | 282 | 45 | 40 | 100 | 60 | 150 | 150 | 311 | 151 | 262 | 30 | 150 | 240 | | 1971 | 1 |
| 2 | The University of Lahore | 74 | 30 | 80 | 60 | 100 | 60 | 100 | 219 | 52 | 92 | 18 | 60 | 240 | | 1185 | 2 |
| 3 | Lahore College for Women University, Lahore | 166 | | 60 | | | | | 62 | 63 | 13 | | 100 | 220 | | 684 | 3 |
| 4 | University of Sargodha, Sargodha | 146 | 18 | 30 | | 40 | 100 | | | 2 | | | | 200 | 30 | 566 | 4 |
| 5 | Kinnard College for Women | | | | 150 | 150 | | 60 | | | | 45 | | 80 | | 485 | 5 |
| 6 | University of Karachi, Karachi | | 12 | | | | 40 | | | 180 | 20 | 12 | | 200 | | 464 | 6 |
| 7 | Iqra University, Karachi | | | | | | | | 15 | 17 | 214 | | | 200 | | 446 | 7 |
| 8 | Islamia University Bahawalpur, Bahawalpu | | | | | | | 40 | 55 | 78 | | | | 220 | | 393 | 8 |
| 9 | COMSATS Institute of Information Technology, Islamabad | | | | | | | | 70 | | 50 | | | 200 | | 320 | 9 |
| 10 | University of Veterinary and Animal Sciences, Lahore | 2 | | | | | | | 3 | 21 | | | | 120 | | 146 | 10 |
| 11 | Kohat University of Science and Technology | | | | | | | | | | | | 40 | 80 | | 120 | 11 |
| 12 | Abdul Wali Khan University, Mardan | 1 | | | | | | | | | | | | 100 | | 101 | 12 |
| 13 | International Islamic University, Islamabad | | | | 40 | | | | | | | | | 60 | | 100 | 13 |
| 14 | University of Agriculture, Faisalabad | | | | | | | | | | | | 80 | | | 80 | 14 |
| 15 | Shaheed Women University ,Peshawar | | | | | | | | | | | | | 80 | | 80 | 14 |
| 16 | Fatima Jinnah Women University | | | | | | | | | | | | | 80 | | 80 | 14 |
| 17 | BZU Multan | 36 | | | | | | | | | | | | 40 | | 76 | 17 |
| 18 | Govt. College University, Faisalabad | 7 | | | | | | | | | | | | 60 | | 67 | 18 |
| 19 | University of Engineering and Technology, Lahore | | | | | | | | | 26 | | | | 20 | | 46 | 19 |
| 20 | Quaid-e-Azam University, Islamabad | 4 | | | | | | | | | | | | 40 | | 44 | 20 |
| 21 | Bahria University, Islamabad | | | | | | | | | | | | | 40 | | 40 | 21 |
| 22 | Govt. College University, Lahore | | | | | | | | | | | | | 40 | | 40 | 21 |
| 23 | National University of Sciences and Technology | | | | | | | | | | | | | 40 | | 40 | 21 |
| 24 | University of Gujrat | | | | | | | | | | | | | 40 | | 40 | 21 |
| 25 | University of Management and Technology, Lahore | | | | | | | | | | | | | 20 | | 20 | 25 |
| 26 | Shah Abdul Latif University, Khairpur | | | | | | | | | | | | | 20 | | 20 | 25 |
| 27 | University of Sindh, Jamshoro | | | | | | | | | | | | | 20 | | 20 | 25 |
| 28 | University of Azad Jammu and Kashmir, Muzaffarabad | | | | | | | | | | | | | 20 | | 20 | 25 |
| 29 | University of Peshawar | | | | | | | | | | | | | 20 | | 20 | 25 |
| 30 | Superior College | | | | | | | | | | | | | 20 | | 20 | 25 |
| 31 | QUEST, Nawabshah | | | | | | | | | | | | | 20 | | 20 | 25 |
| 32 | Mirpur University of Science and Technology, Mirpur | | | | | | | | | | | | | 20 | | 20 | 25 |
| 33 | Liaquat University of Medical and Health Sciences | | | | | | | | | | | | | 20 | | 20 | 25 |
| 34 | King Edward Medical University, Lahore | | | | | | | | | | | | | 20 | | 20 | 25 |
| 35 | University of Central Punjab, Lahore | | | | | | | | | | | | | 20 | | 20 | 25 |
| 36 | Institute of Space Technology | | | | | | | | | | | | | 20 | | 20 | 25 |
| 37 | Ripha International University | | | | | | | | | | | | | 20 | | 20 | 25 |

b. Participation in National Sports Activities

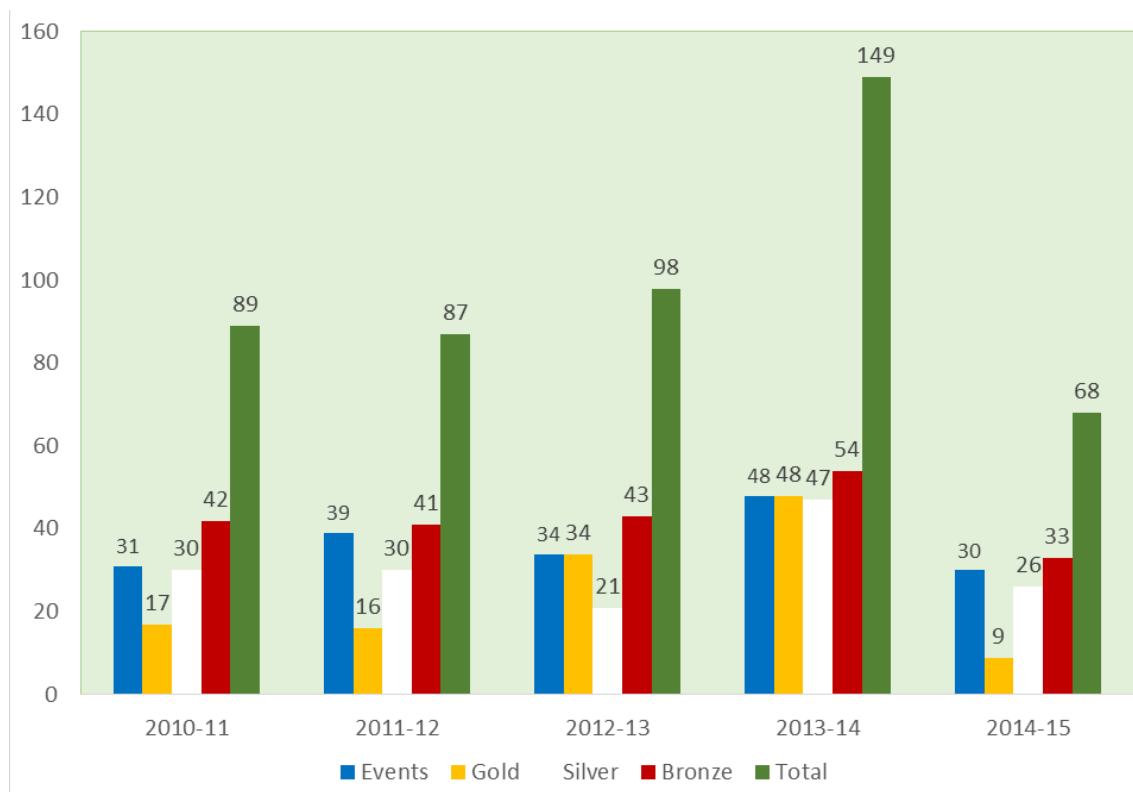
PUSB is affiliated with various National Sports Federations including Pakistan Olympic Association (POA) and Pakistan Sports Board (PSB). HEC Sports Division puts all possible efforts to provide opportunities to university students to take part in all national sports championships so that they may show their skill and strength at inter-departmental level. In 2014-15, student players took part in the 30 national sports events and won 68 medals as per following detail:

| S. No. | Event Name | Gold | Silver | Bronze | Total |
|--------|---|------|--------|--------|-------|
| 1 | 10 th National Women Football Championship , August 2014 | - | - | - | - |
| 2 | All Pakistan National Bank Cup Men Hockey Tournament, August 7-15, 2014 | - | - | - | - |
| 3 | NLC Junior National Taekwondo Championship September 4-6, 2014, Islamabad | 1 | - | 1 | 2 |
| 4 | 37 th National Kabaddi Championship (Circle Style) September 11-15, 2014 at Wah | - | - | 1 | 1 |
| 5 | 48 th National Gymnastics Championship (Men & Women) Sept ember 27-28, 2014, Lahore | - | - | - | - |
| 6 | 1 st National Track Cycling Championship Lahore November 11-13, 2014 | - | - | - | - |
| 7 | National Rock Climbing Championship November 15-16, 2014 at Islamabad | 1 | - | - | 1 |
| 8 | 4 th Junior & 23 rd Senior National Judo Championships November 24-28, 2014 (Men), Islamabad | - | 4 | 6 | 10 |
| 9 | 11 th PFFL ("B" Division League) November 24 to December 16, 2014 Karachi | - | 1 | - | 1 |
| 10 | 61 st National Senior Hockey Championship , December 2014 at Sialkot | - | - | - | - |
| 11 | 51 st National Table Tennis (M&W) Championships Jan. 2015 at Bahawalpur | - | - | 2 | 2 |
| 12 | National & Shah Khan Ski Men, 2015 Gilgit | - | - | - | - |
| 13 | 22 nd National Shooting (M&W) Championship , February 20-28, 2015, Jhelum | - | 1 | - | 1 |
| 14 | Saadia Khan Ski Women Championship February 2015, Naltar | 1 | 2 | 1 | 4 |
| 15 | 63 rd Junior Mr. Pakistan & National Bodybuilding Championship February 27 to March 1, 2015 | 2 | 4 | 2 | 8 |
| 16 | Patrons Trophy Grade II March 9, 2015, Lahore | - | - | - | - |
| 17 | Men Nat Basketball (POF C Gold Cup) Wah March 2015 | - | - | - | - |
| 18 | 12 th National Women Baseball Championship April 10-13, 2015 at Faisalabad | 1 | - | - | 1 |
| 19 | 38 th National Kabaddi Championship (Circle Style) at POF Wah, April 1-6, 2015 | - | - | 1 | 1 |
| 20 | PNA 14 th National Women Netball Championship, 2015 at Islamabad | - | - | 1 | 1 |
| 21 | 46 th National Athletics Championships (Men & Women) April 3-5, 2015, Islamabad | - | 8 | 11 | 19 |
| 22 | National Handball Men Championship April 2-5, 2015 – Faisalabad | - | - | - | - |
| 23 | NBP Football Men Challenge Cup, April 14-28, 2015 – Lahore | - | - | - | - |
| 24 | 53 rd National Men Swimming Championship April 10-12, 2015 at Lahore | - | 1 | - | 1 |
| 25 | 14 th National Women Swimming Championship April 10-12, 2015 at Lahore | - | - | - | - |
| 26 | 14 th National Netball Men April 14-28, 2015 Lahore | - | - | - | - |
| 27 | 33 rd National Rowing Championships & 1st Women National Rowing Championships 2015 | 3 | 3 | 3 | 9 |
| 28 | 18 th Women National Basketball Championship – 2015 at Islamabad | - | - | 1 | 1 |
| 29 | 10 th Mohtarma Fatima Jinnah National Women Cricket Championship, May 6-25, 2015 | - | 1 | - | 1 |
| 30 | 61 st National Wrestling Championship May 28-30, 2015 Faisalabad | - | 1 | 3 | |
| | Total Medals: | 9 | 26 | 33 | 68 |

Comparison of medals won by students player at National level from 2010-11 to 2014-15

| Year | Participation | Gold | Silver | Bronze | Total Medal |
|---------|---------------|------|--------|--------|-------------|
| 2010-11 | 31 | 17 | 30 | 42 | 89 |
| 2011-12 | 39 | 16 | 30 | 41 | 87 |
| 2012-13 | 34 | 34 | 21 | 43 | 98 |
| 2013-14 | 48 | 48 | 47 | 54 | 149 |
| 2014-15 | 30 | 9 | 26 | 33 | 68 |

National Championships 2010-11 to 2014-15



c. Participation in International Sports Activities

PUSB is a recognised member of International Sports Associations and provides international sports exposure to student players of Pakistan by giving them opportunity to participate in the international sports event. International University Sports Federation (FISU) organises the sports events for students worldwide, whereas, Asian University Sports Federation (AUSF) oversees the sports at continent level. HEC national teams of different games participate in events organised by said federations. In this connection, PUSB 12-member contingent participated in 8th World University Squash Championship held at Chennai on September 1-7, 2014 under the auspices of International University Sports Federation during FY 2014-2015. Pakistani team performed well but could not get place at the podium. PUSB top player (Mr. Saqib Yousaf) finished the event with fourth position after defeating from Eddie Charlton (GBR) by 7-11, 11-7, 11-5, 11-8.



8th World University Squash Championship 1-7 September, 2014 at Chennai, India

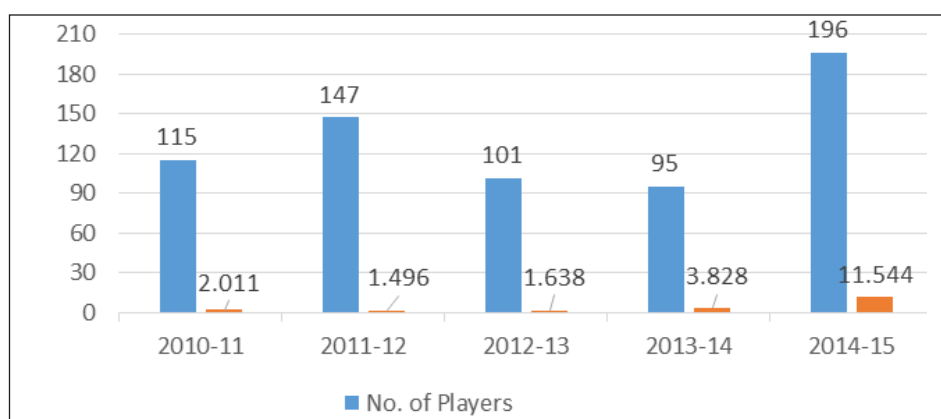
Prize Money and Sports Scholarships for National and International Student Players

Students winning medals at national and international sports championships are entitled to receive prize money and scholarships whereas team officials are only awarded prize money. Amount of prize money and scholarships varies from medal to medal and individual to team event. In 2014-15, 112 players and officials received prize money of Rs. 1.485 million and 196 student players received sports scholarships of Rs. 11.544 million. Scholarships are awarded on the basis of performance report and study period maximum for one year.

Summary of Sports Scholarships paid from 2010-11 to 2014-15

| Year | No. of Players | Amount released |
|---------|----------------|-----------------|
| 2010-11 | 115 | 2.011 |
| 2011-12 | 147 | 1.496 |
| 2012-13 | 101 | 1.638 |
| 2013-14 | 95 | 3.828 |
| 2014-15 | 196 | 11.544 |

Sports Scholarships 2010-11 to 2014-15



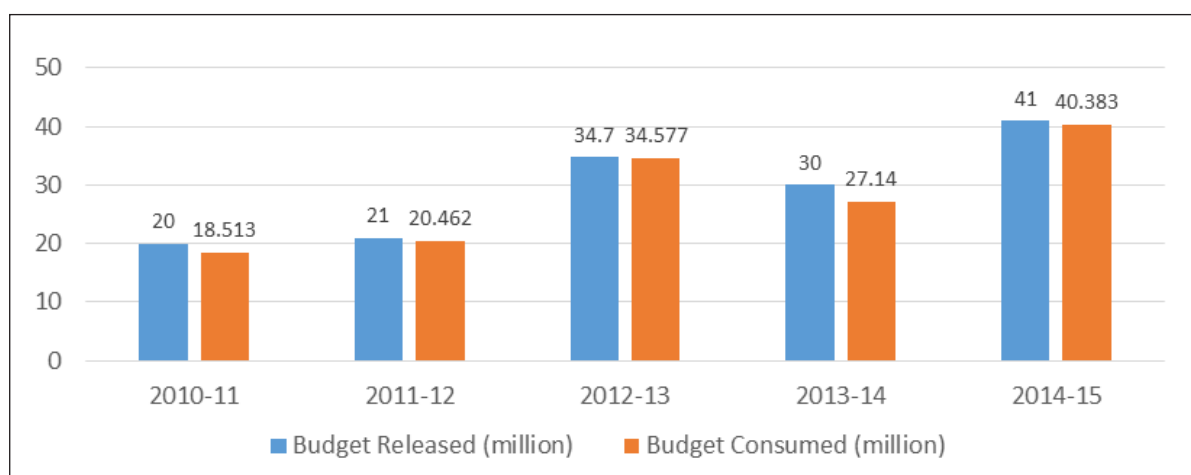
d. Funding of Sports Activities

HEC gives equal weightage to sports activities. Resultantly, the interest of student players has been increasing in sports. Over the years, the sports budget has been significantly rising for the development and promotion of sports to provide more healthy opportunities to students. The summary of budget progression during last five years is appended below:

Sports Division Budget Summary from 2010-11 to 2014-15

| Year | Budget Released (million) | Budget Consumed (million) |
|---------|---------------------------|---------------------------|
| 2010-11 | 20 | 18.513 |
| 2011-12 | 21 | 20.462 |
| 2012-13 | 34.70 | 34.577 |
| 2013-14 | 30 | 27.140 |
| 2014-15 | 41 | 40.383 |

Budget Summary 2010-11 to 2014-15



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**Higher Education Commission,
Pakistan**