

Annual Report

2015-2016



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

Being the torchbearer of higher education in Pakistan, the Higher Education Commission (HEC) believes in holistic development through tangible measures to ensure equitable access, skilled human resource development and relevant research. The ultimate goal of HEC is to play its vital role in the socio-economic development of Pakistan. Since 2002, HEC is committed to its mandate of promoting higher education, as the growth of tertiary education is visible. HEC has chalked out policies that encompass multiple dimensions of development in the sector. These policies are being executed in letter and spirit.

The year 2015-16 witnessed a considerable increase in the higher education sector budget. During FY 2015-16, the Government initially allocated an amount of Rs. 20,500.00 million under the Public Sector Development Programme for 144 development projects of universities/HEC. Later on, it was revised to Rs. 20,734.888 million. However, the total number of projects was curtailed to 141.

HEC spends a handsome portion of its budget on human resource development. Continuing with its human resource initiatives, HEC awarded a large number of scholarships to Pakistani students under different schemes. The HEC Human Resource Development Division is currently working on 17 scholarship programmes to provide Pakistani youth with attractive opportunities of academic excellence. Since 2002, HRD awarded 11,069 MS Leading to PhD scholarships apart from 4,901 foreign scholarships. During this time, 262 scholarships were offered for PhD studies in various reputed universities of the world. About 160 scholars completed their PhD from abroad and joined their parent institutions back in Pakistan.

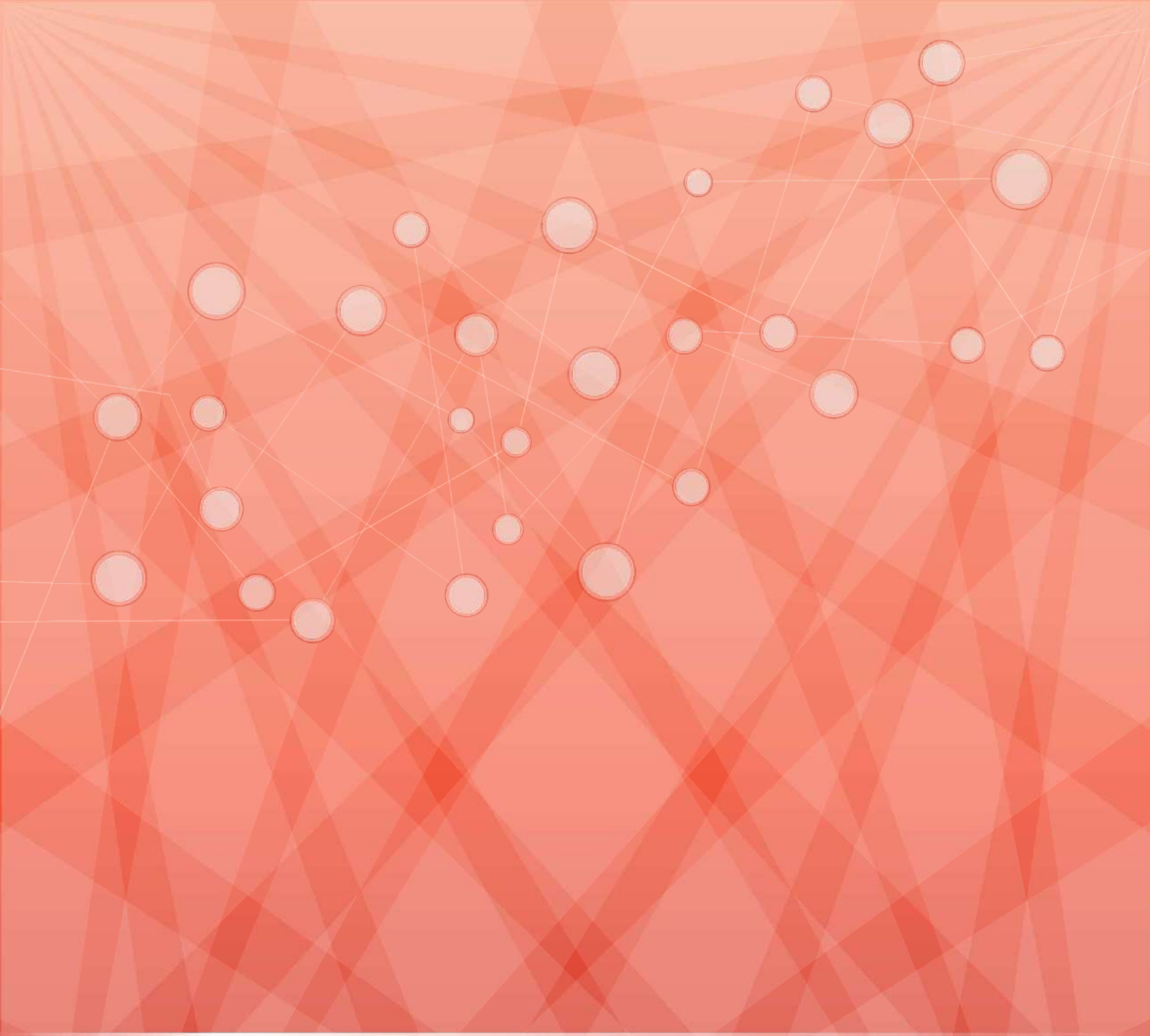
Under Indigenous Scholarship schemes, 449 scholars completed their PhD, while 2868 scholars are currently studying. Besides, HEC extended partial support to 32 Pakistani scholars to pursue their PhD studies in various foreign universities. Under Aghaz-e-Haqooq-e-Balochistan Package, 28 scholars were awarded scholarships. During the year under consideration, 30,203 students benefitted from Prime Minister's Fee Reimbursement Scheme. Likewise, 92 undergraduate and 126 postgraduate students completed their degrees under the Provision of Higher Education Opportunities for Students of Balochistan and FATA (Phase I). Similarly, in this period, HEC awarded 815 Needs-based Scholarships in various disciplines.

Reinforcing its resolve to promote research culture in the country, HEC Research and Development Division has been actively pursuing its goals. During this year, 2666 research projects were processed, 381 projects were approved under National Research Programme for Universities (NRPU) and Rs. 1123.71 million were provided to different universities as NRPU research grants. The HEC established two Offices of Research, Innovation and Commercialisation and three Business Incubation Centres in 2015-16. In April 2016 HEC set up Innovation Steering Committee to support research, innovation and entrepreneurship in higher education institutions of the country. Seven Pak-France PERIDOT Research Programme projects were also approved. The R&D initiatives also covered remarkable progress under Pakistan Programme for Collaborative Research and Patent Filing Programme. Under the University Faculty Startup Research Grant Programme, 400 projects were provided funds worth Rs.180 million.

HEC follows the policy of zero-tolerance to plagiarism and vows no-compromise on quality of higher education. This policy harbingered multiple measures on the part of HEC to counter cut-and-paste practices and ensure quality research. Apart from many other endeavours to improve quality and discourage plagiarism, HEC established 15 Quality Enhancement Cells in 2015-16, taking the total number of QECs to 162 by June 2016.

Another very important element of quality higher education in the country is awareness of masses about HEC recognised institutions and accredited programmes. HEC has been releasing public alerts through print media to create awareness among general public so that they may avoid being deceived by fake or non-recognised institutions spread across the country.

HEC is committed to facilitating the higher education institutions of Pakistan for it envisages the country to turn into a knowledge-based economy. HEC maintains the aspects of academic development, as only a quantitative multidimensional and comprehensive approach can help materialise the concept of knowledge-based economy. This is why HEC pays due attention to the development of universities infrastructure and well-being of their faculty and students.



Human Resource Development

The Human Resource Development (HRD) Division manages and executes scholarship programmes, which are provided to talented candidates for enhancing their qualification and enabling them to meet the requirements of being highly-qualified human resource for universities, research organisations and industry. It also envisages building an environment of research which is vital for the country's socio-economic well-being. Therefore, the creation of an ambiance of research in the context of national needs in line with the global trends is at the core of HRD Division's vision.

Since inception of HRD Division, about 42 scholarship programmes have been launched for providing financial assistance to the Pakistani nationals at various levels of degree programmes, however currently 17 scholarship programmes are functional. The major goals of the HRD are to increase the PhD faculty at the Higher Education Institutions and most of the HRD programmes are to provide fully funded scholarships to the furthest suitable candidates and non-PhD faculty members to avail this opportunity and enhance their qualification. This is creating a huge impact on universities research output and providing a very conducive environment for research activities and enabling them to start PhD programmes in areas which are relevant to national economic growth.

Two types of scholarships are being offered. One of them is indigenous scholarships and the second one is overseas scholarships. Under indigenous scholarship programme since 2004, 11069 MS leading to PhD scholarships are awarded, while 4901 scholarships are being awarded under overseas scholarships schemes. HRD also provides funding for indigenous scholars to get exposure of six months in highly reputable foreign universities to enhance their research expertise and spend time with foreign experts to upgrade their research with advanced methodologies. HRD also offers Need-based scholarships for undergraduate studies from the recurring budget and support by donors such as USAID, French Embassy, German Embassy and OGDCL. These are ongoing scholarships programmes. HRD also provides opportunities for fresh PhD graduates to place them in Pakistani HEIs for a period of one year as Assistant Professor and during that time university provides them opportunity to secure faculty position on Tenure Track System or regular stream.

HRD has launched a programme to support students from less developed areas of Pakistan to excel in their postgraduate education up to Masters, MPhil and PhD level. The funds are being provided for their full tuition fee and other university service charges for whole degree programmes. This programme covers 114 districts of Pakistan, as of now 161,038 students have availed the funding.

HRD also initiated a programme to provide opportunities for foreign faculty to visit Pakistani HEIs for a period of two weeks to one semester to conduct seminars, workshops and symposia in advanced areas and provide guidance to indigenous PhD scholars to improve their research techniques and also teach advance graduate level courses.

Scholarship Categories

Scholarship programmes are divided into four broad categories:

- Overseas Scholarship Programmes
- Indigenous Scholarship Programmes
- Need-based Scholarship Programmes
- Incentive Oriented Programmes or Programmes under Special Directives of Government of Pakistan

1. Overseas Scholarship Programmes

1.1 Overseas Scholarship Scheme for PhD in Selected Fields

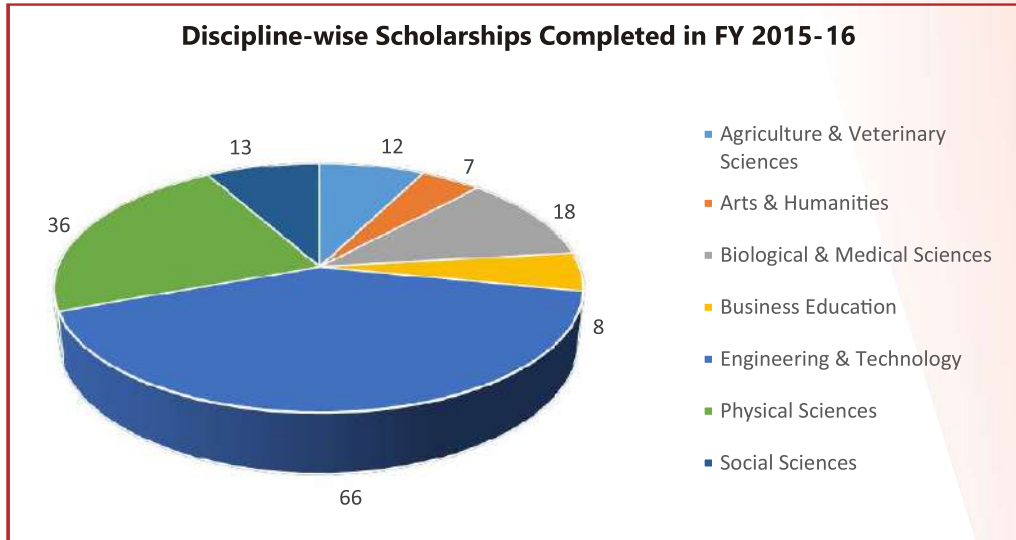
Overseas scholarship scheme for PhD scholarships in selected fields was launched by HEC with the objective to create a pool of highly-qualified human resource and to improve the R&D potential of teaching and research institutions as well as facilitate the industrial entrepreneurial sector of Pakistan.

During 2015-16, 262 scholarships were offered for PhD studies in various reputable universities of the world with whom HEC signed agreement and these universities offered subsidised tuition fee for the HEC scholars.

HEC scholars have secured PhD admission in following countries in FY 2015-16:

S.No.	Country	Scholarships Awarded
1	Belgium	13
2	China	8
3	France	66
4	Germany	75
5	Italy	11
6	New Zealand	7
7	South Korea	67
8	Turkey	15
	Grand Total	262

However, 160 scholars have completed their PhD studies from foreign institutions and returned to Pakistan and joined their parent universities/organisations. These scholars have obtained PhD in the following disciplines:



Foreign Funding Availed

Under the same scheme, a total number of 524 Pakistani scholars have availed partial support from the following top-ranked universities of the world:

- University of Melbourne-Australia
- University of Wollongong-Australia
- RMIT University- Australia
- Macquarie University-Australia
- Edith Cowan University-Australia
- University of New South Wales-Australia
- Queen Mary University of London-UK
- Royal Holloway University of London-UK
- University of Cambridge-UK

These universities are contributing about Rs. 6 billion for award of scholarships.

1.2 Masters 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 at a cost of Rs. 3138.692 million. The project aimed to provide 200 scholarships for 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 areas of their interest including Arts, Languages, Social Sciences, Basic Sciences, Agriculture, Life Sciences and Engineering and Technology.

This programme is focused on providing opportunities to students from less privileged areas of Balochistan, who despite possessing academic merit are unable to bear the financial difficulties. This project covers tuition, accommodation and living expenses as well.

Distribution of Scholarships

Scholarships are awarded to students from all districts of Balochistan on quota basis according to district population. In case of non-availability of candidate from any district, the seat is given to the respective division on the basis of merit. Scholarships are awarded under following criteria:

- 25% to in-service government R&D organisation employees, faculty of universities/colleges
- 75 % on open merit

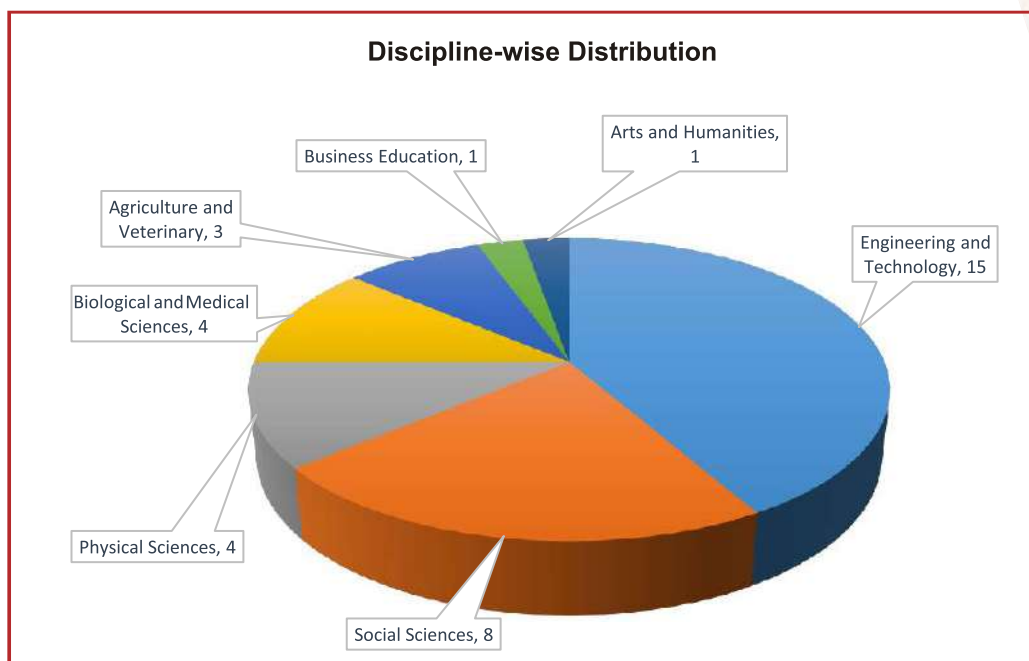
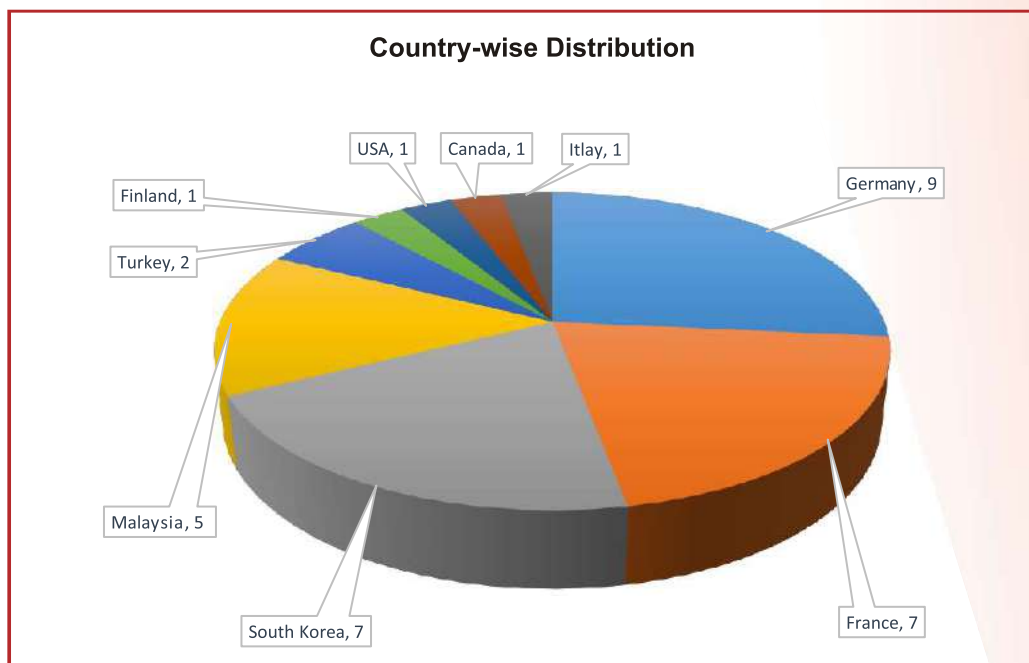
Progress of Programme

Under this programme, 35 scholars are pursuing their studies abroad. Aptitude test of 3400 candidates was conducted for Overseas Batch II Scholarships and 150 candidates were selected. French language course is organised by Campus France with the help of French Embassy. German language course is conducted with collaboration of DAAD in Germany.

During the FY 2015-16, 28 scholars were awarded scholarships to pursue their education abroad.

FY 2015-16	Scholarships Awarded	Scholars Studying
	28	35

PhD Scholars Studying during FY 2015-2016:



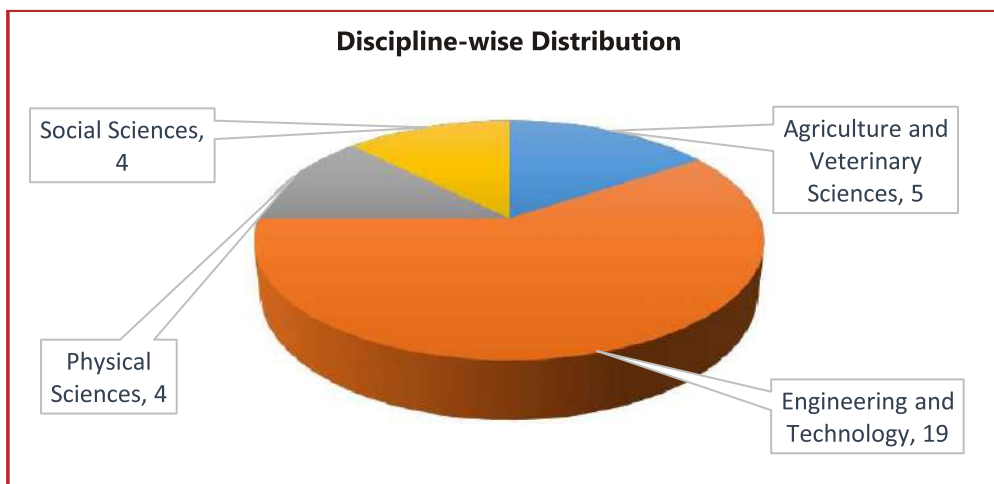
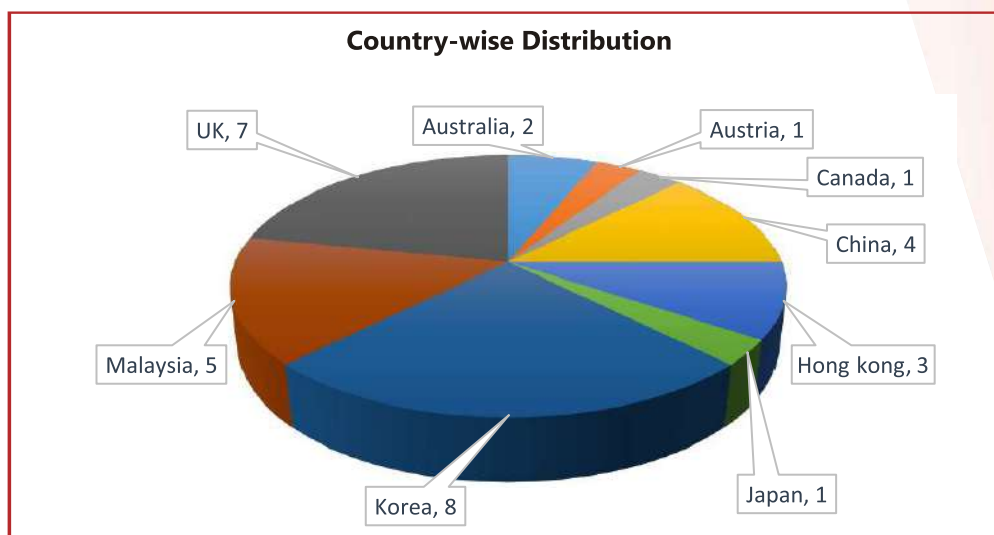
1.3 Partial Support for PhD Studies Abroad

This scheme provides financial support to the scholars, who are in the final stages of doctoral studies and cannot afford their education. It provides partial monetary support (one-time) up to US \$ 15,000/- in terms for tuition fee, research or study related expenses, or living allowances.

The programme remains open for applications throughout the year. Quarterly meetings are held for the selection of individuals.

During FY 2015-16, 32 scholars availed partial support for their PhD studies. Following are the details:

FY 2015-16	Partial Support Provided	Completed	Studying
	32	03	28



1.4 HEC-USAID Fulbright Scholarship Programme

The project provides PhD/MS scholarships to scholars to study in reputed US universities. A major part of the scholarships is funded by USAID, which helps in generation of trained manpower in emerging fields.

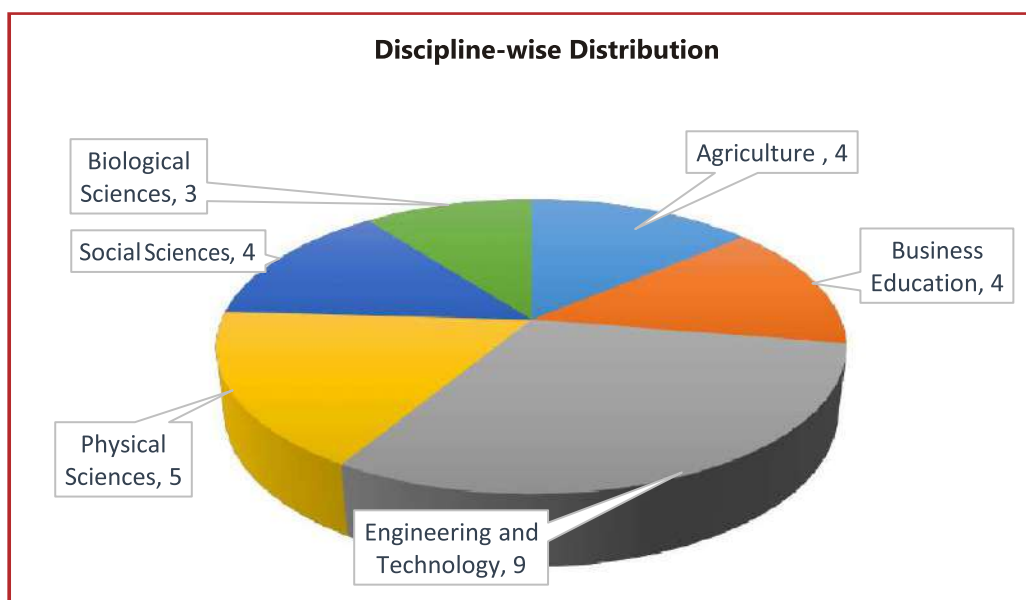
A Memorandum of Understanding (MoU) was signed between HEC and USAID in December 2005 according to which HEC has to contribute 35% of the total cost of PhD scholarships and 65% funds are contributed by USAID.

Fulbright Scholarship Programme (Phase-H) is designed after successful completion of Phase-I to train and develop manpower in various practical fields.

The second phase of the programme was approved in December 2015. HEC contributes 21 % of the total cost of scholarships while remaining 79% funds are provided by USAID. Under this programme, 816 talented students from Pakistan will get MS (550) and PhD (266) degrees from topnotch universities of USA.

A total of 657 scholarships have been awarded for Masters and 263 scholarships for PhD studies. As many as 606 scholars have completed their Masters and have returned while 51 are still studying abroad. Likewise, 72 scholars have returned after completion of their doctorate and are currently serving in Pakistan. The details are as follows:

	Scholarships Awarded	Scholars Studying	PhDs Completed
USAID Fulbright Phase-I	263	191	72
USAID Fulbright Phase-II	29	29	0



2. Indigenous Scholarship Schemes

Indigenous Scholarship Schemes focus diversified disciplines related to all fields of Science and Technology as well as Social Sciences, Humanities and Life Sciences. The opportunities are provided for those who intend to do PhD in Pakistani institutions and select topics related to local issues and environment. The scheme envisages to provide solutions for local industry and many other relevant areas such as water, environment, climate, energy, urban planning, transportation, economy and social issues. This has brought tremendous improvement in promotion of research culture in universities.

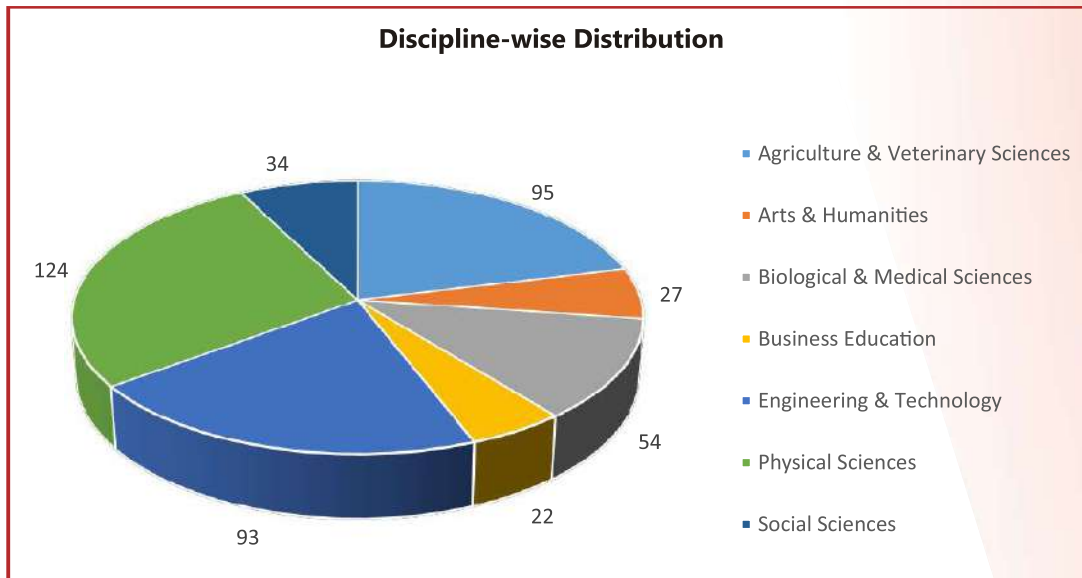
2.1 Indigenous PhD Scholarships

A total of 7400 scholarships have been awarded under the indigenous schemes and funds are also being provided to universities for upgradation of their research facilities particularly laboratory equipment, chemicals, IT equipment, etc.

During 2015-16, 449 scholars completed their PhD under the indigenous scholarship schemes. 2868 scholars are pursuing their doctoral studies whereas 696 scholarships were awarded. Most of the scholars have secured admissions in the following top leading Universities for PhD studies:

S. No.	University Name
1.	Bahauddin Zakariya University, Multan
2.	COMSATS Institute of Information Technology
3.	International Islamic University, Islamabad
4.	National Institute of Biotechnology and Genetic Engineering, Faisalabad
5.	National University Of Sciences And Technology, Islamabad
6.	Quaid-i-Azam University, Islamabad
7.	The University of Agriculture Peshawar, Peshawar
8.	University of Agriculture, Faisalabad
9.	University of Sargodha, Sargodha
10.	University of The Punjab, Lahore

Discipline-wise distribution of scholars who have completed their in PhDs 2015-16:



2.2 Prime Minister's Fee Reimbursement Scheme for Less Developed Areas

This scheme was approved by the Government of Pakistan in June 2012. The objective of the scheme is to provide financial assistance 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. In 2013, it was made an integral part of Prime Minister's Youth Programme. The scope of the programme has been increased since then and now students from 114 districts of Pakistan are eligible to avail the financial assistance for their post-graduate studies.

The district-wise detail of each province/areas is as under:

Provinces	Districts
Balochistan	Kalat, Mastung, Khuzdar, Awaran, Washuk, Kharan/Rakhshan, Lasbela, Ketch, Gwadar, Punjgur, Nasirabad, Jaffarabad, Jhal Magsi, Bolan, Quetta Urban, Quetta Rural, Pishin, Killa Abdulla, Killa Saifullah, Barkhan, Musa Khel, Loralai, Sheerani, Zhob, Dera Bugti, Kohlu, Ziarat, Harnai, Sibi, Nushki, Chagai (Dalbandin), Turbat
Gilgit/Baltistan	Hunza-Nagar, Gilgit, Skardu, Ghanche, Ghizer, Diamir, Astore
Azad Jammu and Kashmir	Bhimber, Kotli, Mirpur, Muzaffarabad, Hattian, Neelam, Poonch, Haveli, Bagh, Sudhnoti
FATA	Bajaur, Khyber, Kurram, South Waziristan, North Waziristan, Mohmand, Orakzai, FR Peshawar, FR Kohat, FR Bannu, FR Lakki, FR D.I. Khan, FR Tank
Interior Sindh	Thatta, Badin, Tharparkar, Umerkot, Mirpur Khas, Tando Allahyar, Naushahro Feroze, Tando Muhammad Khan, Sanghar, Khairpur, Benazirabad, Dadu, Qambar, Shahdadkot, Larkana, Matiari, Ghotki, Shikarpur, Jacobabad, Sukkur, Kashmore
Selected Areas of Punjab	South Punjab (Bahawalpur, Rahim Yar Khan, Bahwal Nagar, Multan, Lodhran, Khanewal, Vehari, Dera Ghazi Khan, Muzaffar Garh, Rajan Pur, Layyah) & Attock, Khushab, Mianwali, Bhakkar
Selected areas of Khyber Pakhtunkhwa	Malakand, Kohistan, D.I. Khan, Tank, Buner, Swat, Shangla, Upper Dir, Lower Dir, Chitral, Lakki Marwat, Batgram, Torghar/Kala Dhaka, Hangu, Kohat, Bannu, Karak

Since 2012, a total of 108036 students have benefitted from the scheme. The summary of the programme is as under:

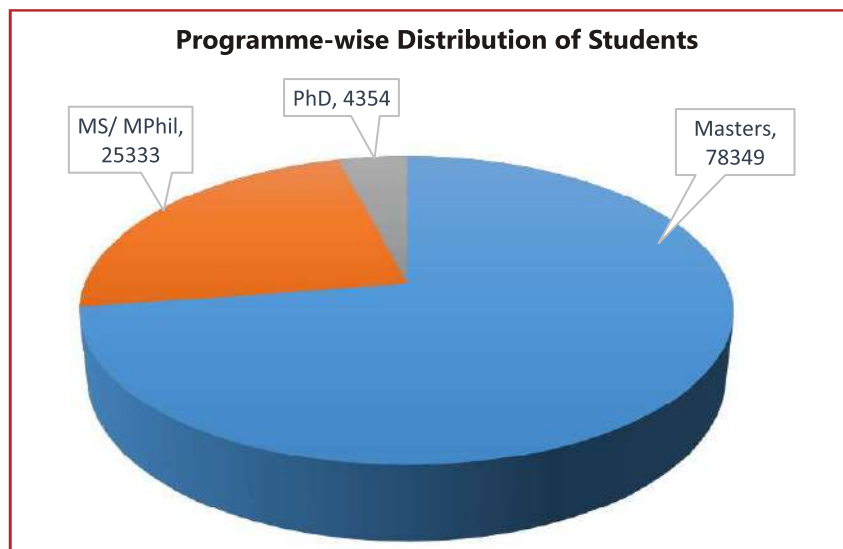
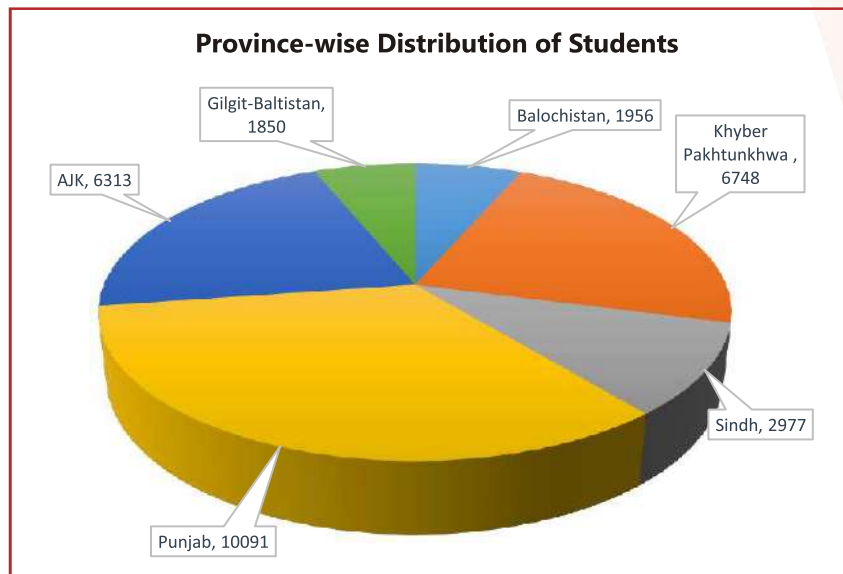
Programme-wise Summary		
1	Masters	78349
2	MS/MPhil	25333
3	PhD	4354
Total		108036

During 2015-16, a total of 30203 students benefited from the scheme. Details are as follows:

FY 2015-16					
Programme-wise Number of Students					
	Province	Masters	MS/MPhil	PhD	Total
1	Balochistan	1398	538	20	1956
2	Khyber Pakhtunkhwa	4443	1969	336	6748
3	Sindh	1726	964	287	2977
4	Punjab	7141	2541	409	10091
5	Islamabad	-	-	268	268
6	Azad Jammu and Kashmir	4530	1605	178	6313
7	Gilgit Baltistan	1604	177	69	1850
Total		20842	7794	1567	30203

Funds utilised during FY2015-16 are as follows:

Province	Total Amount in Million	No. of students
Balochistan	436	1956
Khyber Pakhtunkhwa	513	6748
Sindh	203	2977
Punjab	424	10091
Islamabad Capital Territory	33	268
Azad Jammu & Kashmir	125	6313
Gilgit-Baltistan	70	1850
Total	1803	30203



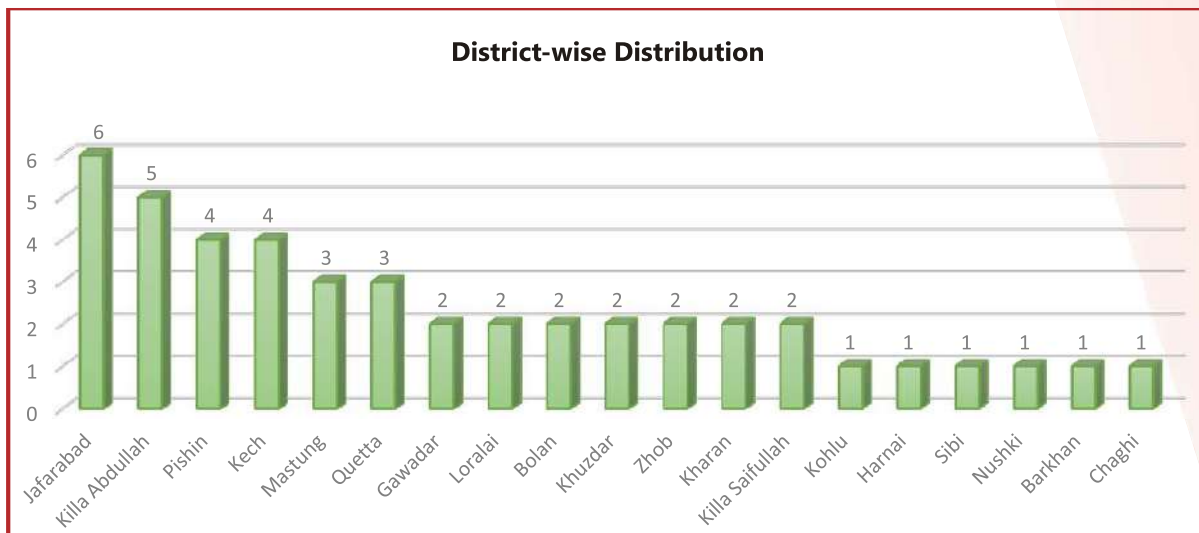
2.3 Masters Leading to PhD Scholarship Programme (Indigenous) for the Students of Balochistan

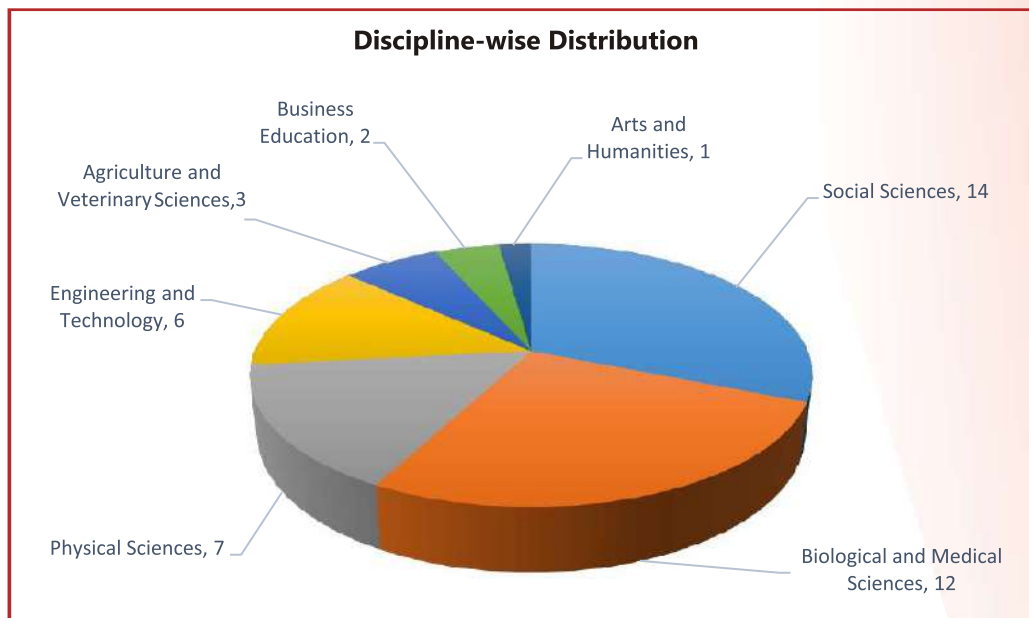
(An Initiative of the Aghaz-e-Haqooq-e-Balochistan Package)

The project aims to provide 400 scholarships in MS leading to PhD and PhD studies in the Higher Education Institutions of Pakistan. It provides incentives to the talented students of Balochistan to achieve excellence in various disciplines including Arts, Languages, Social Sciences, Basic Sciences, Agriculture, Life Sciences and Engineering and Technology.

During 2015-16, 45 scholars successfully pursued their studies. Aptitude test of 3400 candidates was conducted for Batch-II Scholarships and 95 candidates were selected.

FY 2015-16	Scholarships Awarded	Scholars Studying
	20	45



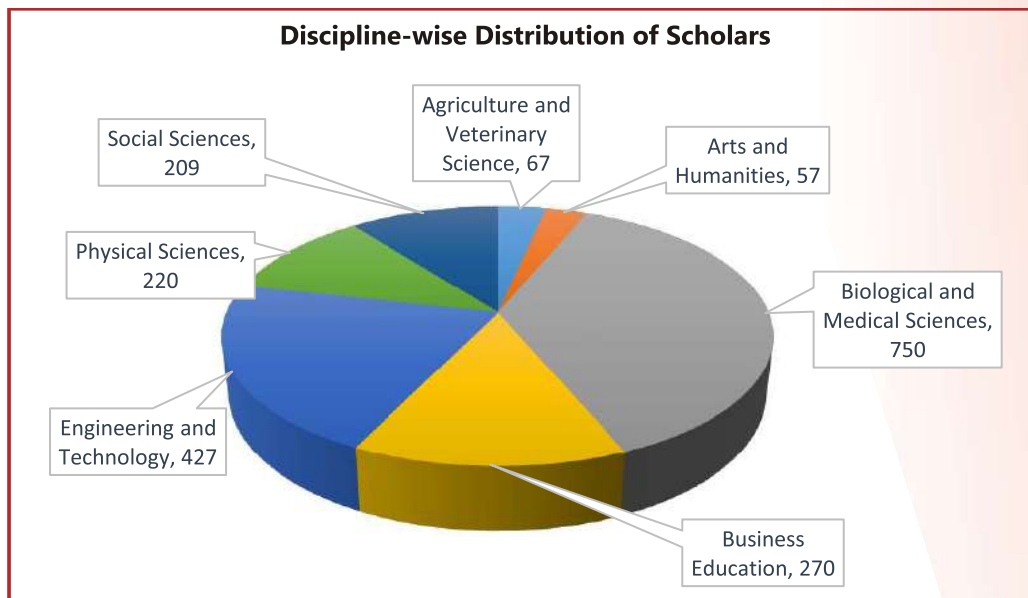


2.4 Provision of Higher Education Opportunities for Students of Balochistan and FATA (Phase-I)

The programme was launched in 2007 with a total cost of Rs. 981.486 million. It was aimed at providing financial assistance to 1300 undergraduate (four-year programme) and 700 postgraduate (two-year programme) talented students of Balochistan and FATA on merit in local universities.

Progress made since initiation of the project:

S.No.	Intake of Students (Year wise)	Balochistan	FATA	Total
1	2008-09	84	56	140
2	2009-10	186	124	310
3	2010-11	480	320	800
4	2011-12	450	300	750
Total		1200	800	2000

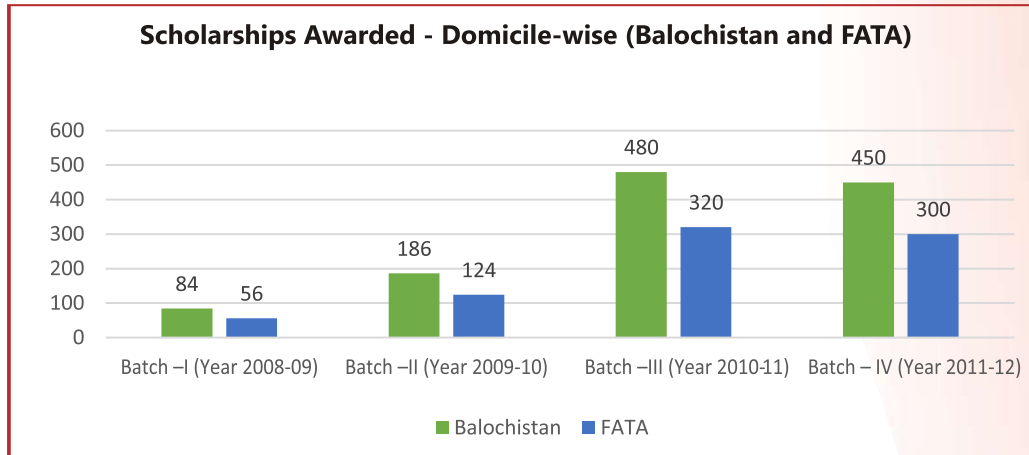


The achievements of the programme are as follows:

Degree Programme	Scholarships Awarded	Degrees Completed	Students Studying
Undergraduate	1300	347	953
Postgraduate	700	233	467
Total	2000	580	1422

During 2015-16, 92 undergraduate and 126 postgraduate scholars from FATA and Balochistan have completed their degrees. Details are as follows:

Degree Programme	Degree Completed	Students Studying
Undergraduate	92	953
Postgraduate	126	467
PhD	0	2
Total	218	1422

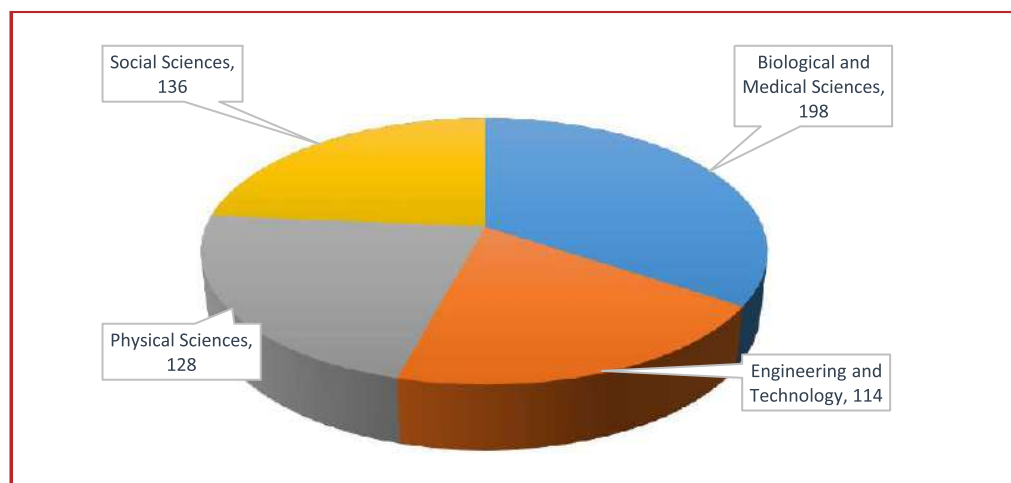


2.5 Award of 3000 Scholarships to Afghan Students Under the Prime Minister's Directive

The Government of Pakistan has initiated various programmes under the "Committee for Reconstruction and Rehabilitation of Afghanistan (CRRA)" worth US\$ 500 million for reconstruction of Afghanistan including 3000 scholarships for Afghan students for undergraduate studies at Pakistani universities in various disciplines. Students are selected jointly by HEC and the Embassy of Pakistan in Kabul based on aptitude test and academic qualification. This programme covers the tuition fee, living expense, book allowance and travelling expense.

The project was executed by the Ministry of Inter-provincial Coordination (IPC) earlier. However in 2015, it was transferred to HEC.

In FY 2015-16, 576 scholarships were awarded in following disciplines:



3. Needs-based Scholarship Schemes

Merit and Needs-based Scholarships are focused on providing access to higher education to underprivileged candidates who, despite possessing academic merit, are unable to finance their education. The scholarships are provided in the fields of Medicine, Engineering, Social Sciences, Business and Agriculture in public and private institutions across Pakistan.

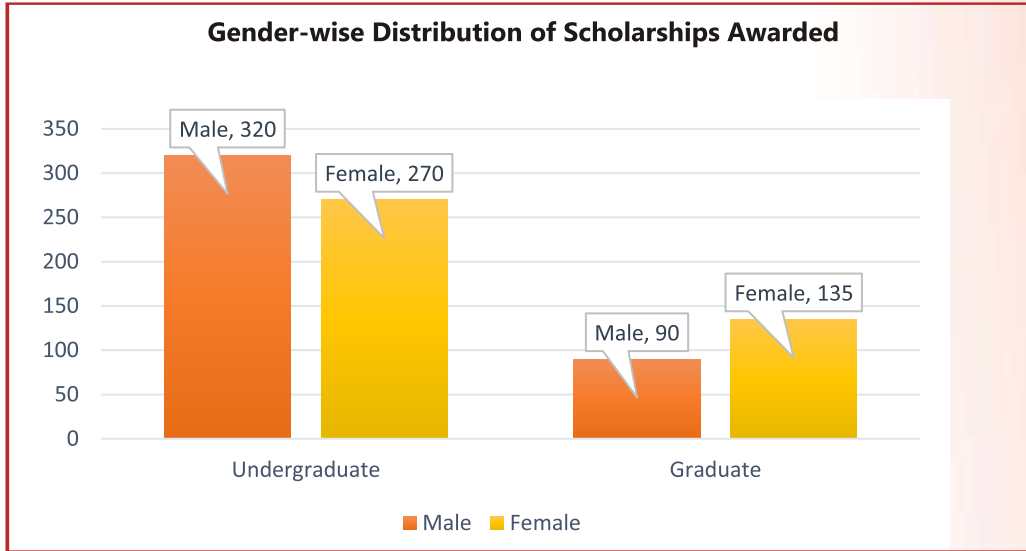
3.1 USAID-Funded Merit and Needs-based Scholarship Programme (Phase II)

USAID has been supporting scholarship programme for meritorious but financially disadvantaged students since 2004 through the MNBSP to assist the Government of Pakistan's efforts to raise enrolment in Pakistani universities and meet international standards. In the beginning, 1807 scholarships were awarded in 11 universities in the fields of Agriculture and Business studies. USAID expanded the MNBSP (Phase II) in 2013 with at a total estimated cost of US\$ 23.1 million. This includes 3000 scholarships, of which 50% are targeted for females, in additional disciplines such as Social Sciences, Agriculture Sciences, Medical Sciences, and Engineering and 19 more public and private sector partner institutions bringing the total number to 30 partner universities. New components of the Programme build capacity of participating institutions in designing operational, financial management, monitoring and evaluation processes and fund flow mechanism for implementing MNBSP. Selected students under the programme are also trained through career path workshops to prepare them for future job challenges and make them aware of market trends. The programme also works on strengthening its alumni network. Merit and Needs-based Scholarship Programme has also recently been selected to contribute to the USAID/Pakistan "Let Girls Learn" initiative.

Under the programme, Institutional Scholarship Award Committee (ISAC) meetings were held at various national universities. In these meetings, 856 scholarships were awarded to deserving students. Two trainings on "Effective Financial Aid Offices" and "Performance Enhancement of Financial Aid Offices" were conducted for 68 officials of the partner institutions. Besides, 11 Talent Grooming and Career Orientation workshops were conducted in which 613 students were trained.

In FY 2015-16, 815 scholarships were awarded in various disciplines, out of which 228 scholarships were awarded for graduate studies whereas 587 scholarships were awarded for under-graduate studies. As many as 289 scholars have completed their degrees. Details are as follows:

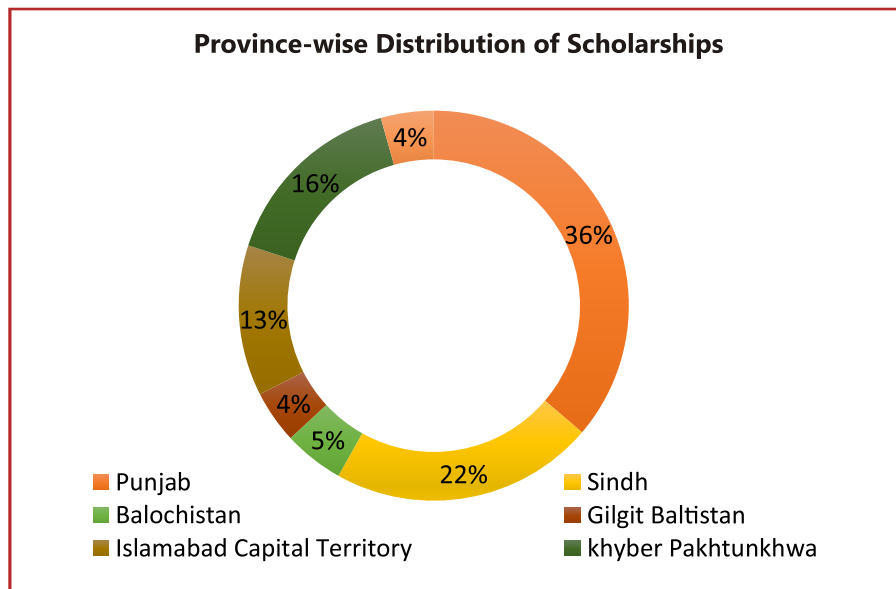
FY 2015-16	Scholarship Awarded	Degrees Completed	Students Studying
	815	289	1681



3.2 HEC Need-based Scholarship Programme

HEC facilitates needy and deserving students through Need-based Scholarships Programme and provides fully-funded scholarship which covers tuition fee, boarding and lodging, monthly stipend and books allowances.

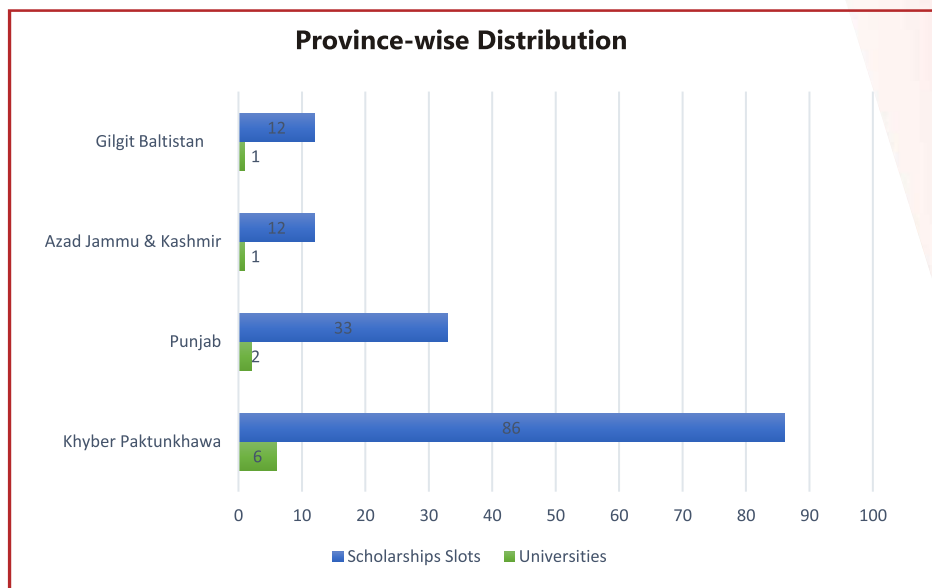
The programme is being successfully executed in 84 public sector universities along with their campuses. So far, 18608 scholarships are awarded to the deserving students. In 2015-16, 1600 scholarships were awarded. The province-wise distribution is as follows:



3.3 French Needs-based Scholarship Programme

French Needs-Based Scholarship Programme is meant to support the financially deprived students from less developed areas of Pakistan. The programme was initiated in 2012 with the help of French Embassy in Pakistan. Preference is given to the students from FATA/Balochistan with especial emphasis on selection of more female students.

As many as 790 students of 16 participating universities have been supported by French Government, of which 606 are studying while 40 have completed their studies. In 2015-16, 143 scholarships were awarded in 10 HEIs of Pakistan. Details are as follows:



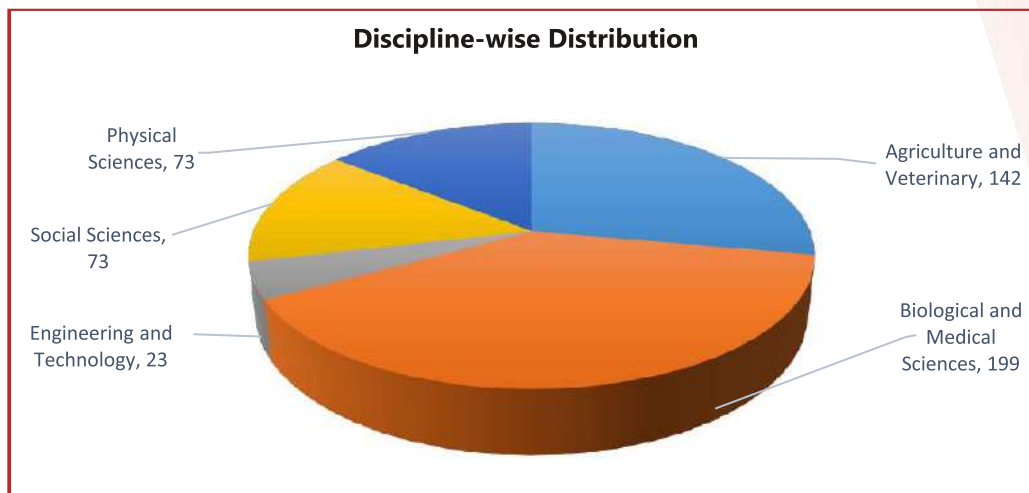
4. International Research Support Initiative Programme

HEC offers research fellowship to full time indigenous PhD students to spend six months in highly ranked foreign universities/labs to enhance their research quality and opportunity to learn the advanced techniques and procedures.

This programme also serves to develop linkages between Pakistani and foreign institutions.

Under this programme, 3500 PhD students have availed the opportunity. More than 600 PhD students from Quaid-e-Azam University; 475 from Agriculture University Faisalabad; 326 from University of Punjab; 198 from PMAS-Arid Agriculture University Rawalpindi; 153 from NUST Islamabad; 146 from BZU Multan; 143 from University of Peshawar; 130 from PIEAS Islamabad; 101 from The University of Agriculture Peshawar; 102 from University of Karachi; 94 from Islamia University of Bahawalpur; 14 from University of Balochistan Quetta and 35 from University of Azad Jammu and Kashmir, Muzaffarabad have been awarded.

During FY 2015-16, a total number of 509 scholars benefitted from this programme and most of them are placed in top ranked universities of USA and UK.

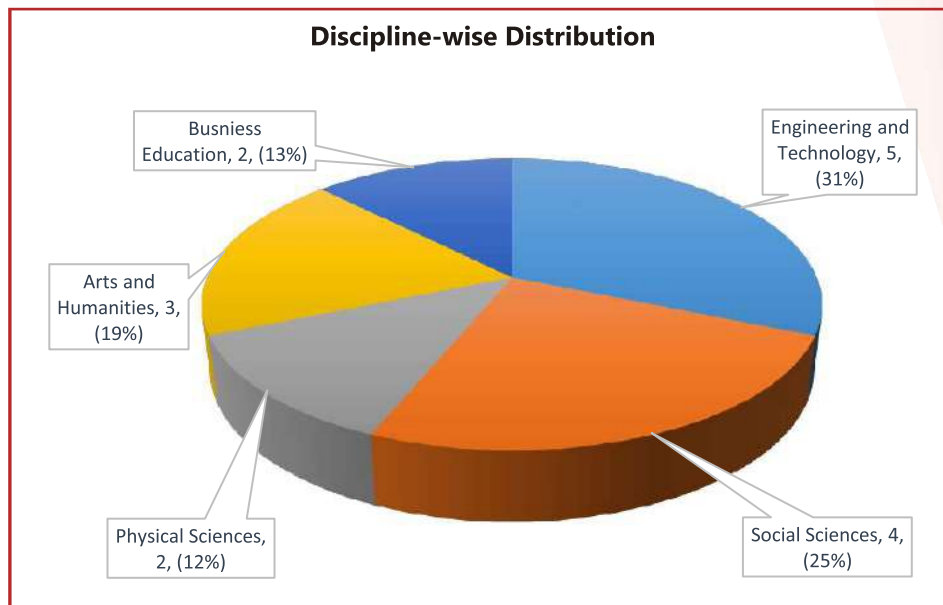


5. Post-Doctoral Fellowship Programme

The programme aims to provide opportunities for faculty members and researchers from R&D organisations to upgrade their research expertise and knowledge by acquiring latest developments in their areas of interests from technologically advanced countries.

A total of 631 post-doctoral fellowships were being awarded in various disciplines. 619 completed their fellowship whereas 36 scholars are still pursuing their post-doctorate research activities. This programme offers nine month post-doctorate fellowship in those foreign institutions which are highly reputable in research, innovation, and advanced product development.

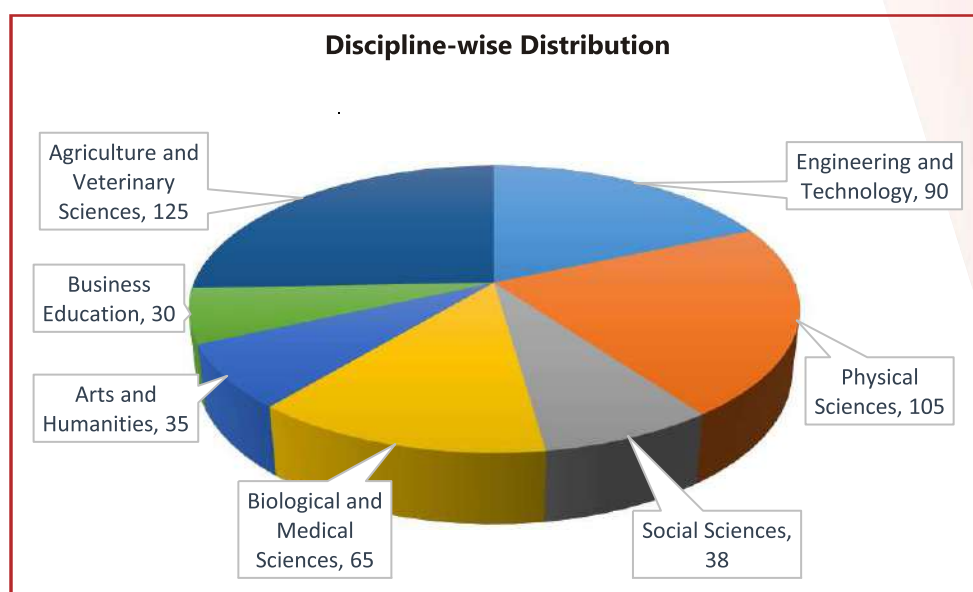
In FY 2015-16, 16 post-doctoral fellowships were awarded.



6. Interim Placement of Fresh PhDs Programme

The HEC Interim Placement of Fresh PhDs Programme (IPFP) was initiated to provide opportunity for fresh PhD graduates to start their career at Pakistani public and private (W-category) HEIs. The objective of the programme is to place the scholars especially those who return to Pakistan after completing their PhD from foreign institutions, so that they can start educational activities without wasting any time. In addition, it is advised to the host institutions in public sector to advertise the faculty position to give them equal opportunity to secure position at Tenure Track system (TTS) or on regular stream. They can serve a maximum period of one year under this programme.

Overall 2780 PhD scholars availed the IPFP and severed at Pakistani HEIs. During FY 2015-16, 488 PhD scholars were placed as Assistant Professors in various HEIs of Pakistan.



7. Approved Supervisors Programme

The HEC Approved Supervisors Programme is initiated for confirmation of PhD faculty members to allow them to supervise PhD students after fulfilling the criteria.

HEC has devised a criteria to allow the faculty members with a PhD degree to supervise MSjPhil and PhD students. Status of approved supervisor is for a period of three years initially which is extendable to another term of three years by fulfilling the criteria (which is at least one publication in an impact factor journal in three years).

Since 2003, HEC has approved 8450 supervisors in various disciplines. During FY 2015-16, 250 PhD scholars were selected as approved supervisors.

8. HEC Distinguished National Professors

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

In FY 2015-16, following five Distinguished National Professors are selected:

Name of Awardee	Discipline
Dr. Iqrar Ahmad Khan	Agriculture/Horticulture
Dr. Ikram Ul Haq	Biology
Dr. Bhawani Shankar Chowdhry	Engineering
Dr. Ismat Beg	Mathematics
Dr. Muhammad Mazhar	Chemistry

9. Visiting Foreign Faculty Programme

This Programme intends to provide an opportunity to foreign faculty from reputed universities and research organisations to spend two weeks to one semester in the public and private (W-category) sector universities/ Degree Awarding Institutions. The foreign faculty are selected through in-house committee after reviewing their work plan which is finalised with the host university in Pakistan. The expertise of these faculty are being used to conduct workshops, seminars, short courses, and capacity building trainings for indigenous PhD students. Moreover, the programme is creating a nexus between two institutions for collaboration in relevant areas of research and also providing opportunities to invite indigenous postgraduate students to spend time for exposure of advance research facilities abroad and learn advance procedures and research methodologies.

During FY 2015-16, applications of 11 professors were approved out of 13 applications. All the selected professors have completed their assigned tasks.

10. Learning Opportunities Abroad

In pursuance of the recommendations of the Senate Special Committee a separate "Scholarship Cell" was established in October 2015. In June 2016, HEC created a webpage entitled: "Learning Opportunities Abroad". In compliance, a request was sent to all embassies in Islamabad regarding the establishment of the Cell. In continuation, HEC followed this activity initially with those embassies, who responded positively.

Japanese Embassy

The Japanese Embassy has been working on a project/new initiative to promote human resource of Pakistani universities. In this regard, Japan Embassy has selected UET, Lahore for the said project funded by Japanese Government.

Turkish Embassy

The Turkish Embassy has offered 1500 scholarships for Pakistani students for graduate studies in Turkish universities in next 10 years. These scholarships will be fully funded by Turkish Government. Every year Turkish government offers scholarships and students can directly apply through www.trscholarship.org.

French Embassy

The Embassy of France has offered 10 fully funded French international scholarships for Pakistani students (undergraduate to PhD and post-doctoral fellowship).



Research
and Development

The Higher Education Commission, Pakistan is cognisant of the fact that research undertaken by institutions of higher learning is significant for socio-economic development of the country. The research at universities would germinate ideas which can benefit the inventors and the masses, alike. There is a persistent effort on the part of Research and Development (R&D) Division to tailor programmes and projects which encourage scientists and academicians to carry out research on the issues our society faces on many fronts.

The R&D Division has been instrumental in providing grants to research projects submitted under different HEC initiatives.

As part of its multifaceted approach, R&D Division focuses on human development, through provision of opportunities for sharing of knowledge and research. These opportunities not only bridge the gap between academicians within the country but also provide prospects for developing academic and industrial liaison with stakeholders in the industry as well as academicians in foreign universities. The R&D Division also implements initiatives that pave the way for sustainable and progressive research ecosystem in the country.

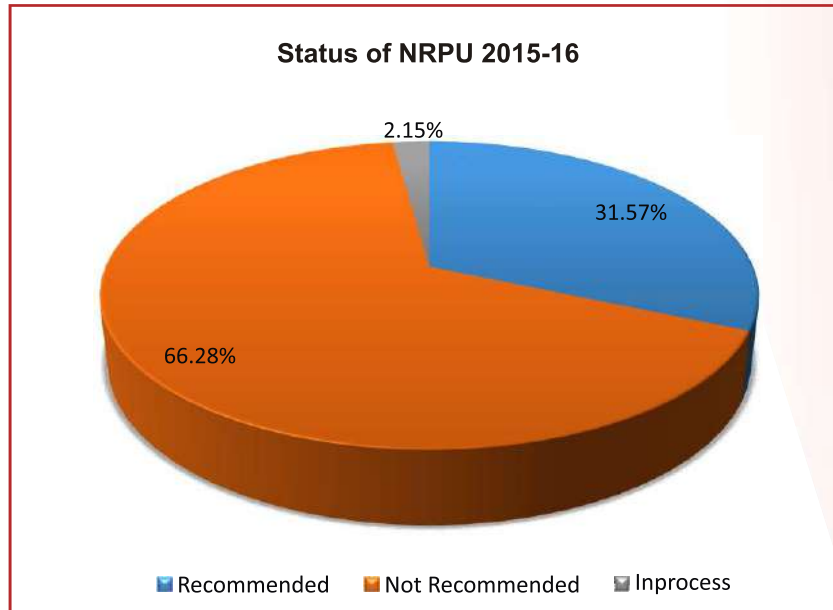
1. National Research Programme for Universities (NRPU)

Scarcity of research infrastructure equipment, limited access to scientific literature, and lack of exposure to cutting-edge techniques are considered to be major impediments in research propagation and promotion. The National Research Programme for Universities (NRPU) is a platform that provides grants to catalyse research.

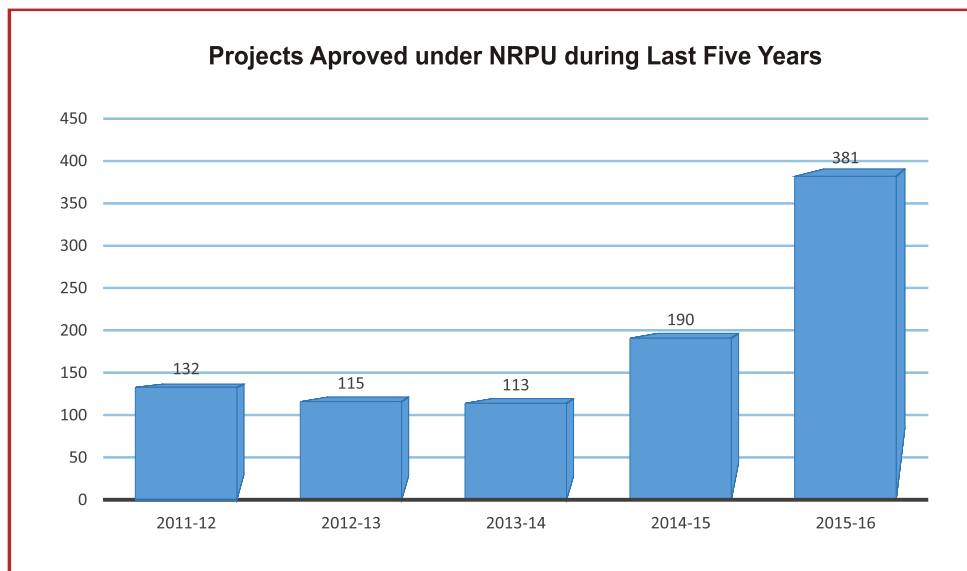
The vision working behind the programme is to enhance the capacity of researchers to undertake bigger initiatives, addressing the local demands. Under NRPU, research grants are awarded on competitive merit for high-level and promising scientific research projects to be carried out in Pakistan by university teachers.

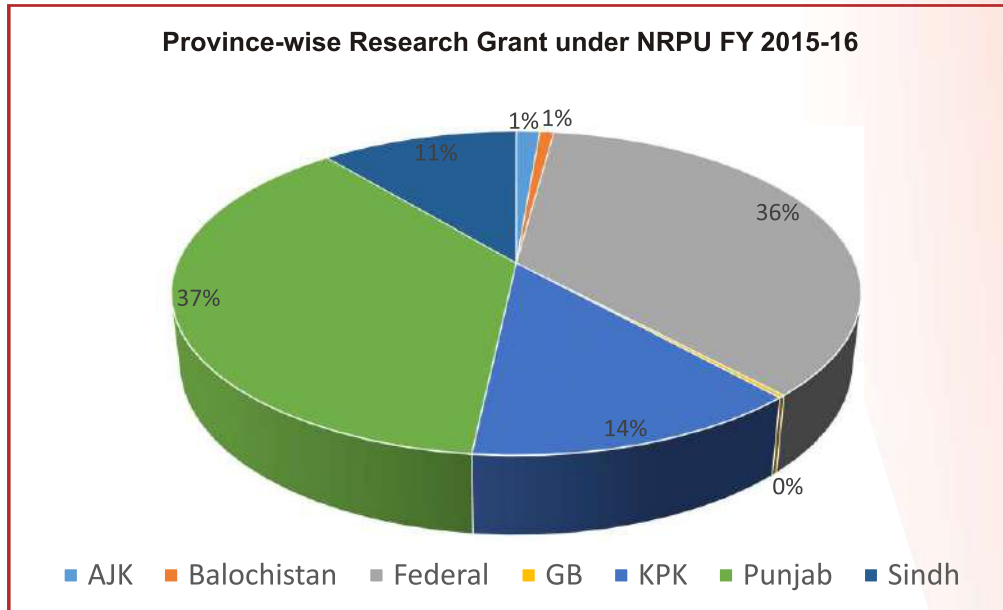
During FY 2015-16, a total of 2,666 research projects were processed (1,330 research proposals were received last year and 1,336 research projects were carried forward from 2002-16), 381 research projects were approved for funding and 800 research projects were rejected after evaluation. In addition, there are 26 research proposals in the evaluation phase.

A total amount of Rs.1123.71 million was provided to different universities of Pakistan through NRPU research grants during the FY 2015-2016.

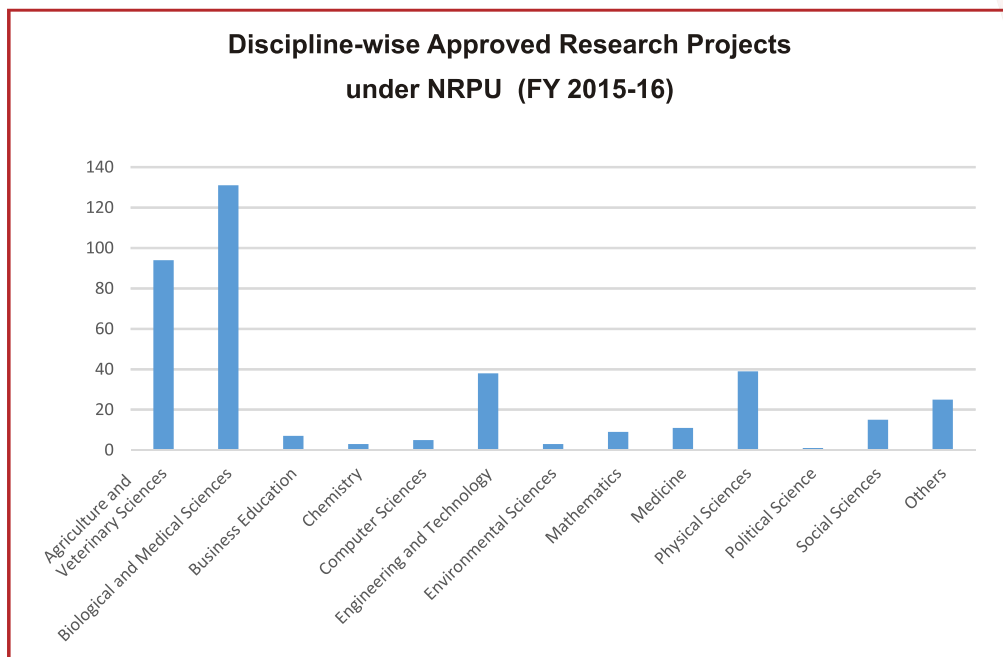


Since the inception of the programme, during 2015-16, the highest numbers of research proposals were approved under NRPU. An overall comparative analysis of research proposals approved under NRPU is as follows:





Of all fields of study, for which NRPY has been in receipt of research proposals, following table gives soul-dissection of the approved projects.



During the said fiscal year, following NRPU projects were completed.

S.No.	Project	Principal Investigator	Project Title	University/Institution	Total Cost (Rs.)
1	1008	Dr. Ghulam Hussain	University of Sargodha	A Study to Find out the Potential of Gold as a Catalyst at Nano Particle Level, for Some Important Reactions e.g. Oxidation of Hydrocarbons to Useful Organic Compounds	3,224,569.00
2	1061	Dr. Abdul Majeed Khan	Federal Urdu University of Arts, Sciences and Technology, Islamabad	Study of the Generation of Electrical Energy by the Fermentation of Domestic Wastewater	2,768,781.00
3	1133	Dr. Muhammad Saleem	University of Agriculture, Faisalabad	Development of Local Maize Hybrids and Hybrid Seed Production in Pakistan	1,102,865.00
4	1217	Dr. Imran Hashmi	National University of Sciences and Technology, Islamabad	Detection of Escherichia Coli by Multiplex PCR and Determination of Genetic Diversity Using Pulsed Field Gel Electrophoresis in Drinking Water	4,590,681.00
5	136	Prof. Dr. Shazia Anjum	Islamia University, Bahawalpur	Synthetic Manipulations of Bioactive Amino Sugars for the Development of New Antiosteoarthritis, Antiviral and Antitumor Agents - A New Approach in Drug Designing and SAR Studies	1,284,942.00
6	1370	Dr. Tanveer Akhtar	University of the Punjab, Lahore	A Comprehensive Analysis of BCR-ABL Kinase Domain Mutations in cml Patients Receiving Imatinib Treatment and their Association with Resistance/ Susceptibility of Imatinib	3,556,253.00

S.No.	Project	Principal Investigator	Project Title	University/Institution	Total Cost (Rs.)
7	1398	Dr. Amtul Jamil Sami	University of the Punjab, Lahore	Molecular Basis of Action of Neem (Azadirachta Indica) Derived Compound as Bio-pesticides	1,935,719.00
8	1401	Dr. Wasim Ahmed	Quaid-i-Azam University, Islamabad	Identification of Genes Involved in Inherited Skeletal Dysplasias	8,509,168.00
9	1425	Dr. Asmat Salim	University of Karachi	Role of Preconditioned and Genetically Modified Mesenchymal Stem Cells in the Regeneration of Cardiac Tissue	3,531,657.00
10	1471	Dr. Muhammad Issa Khan	University of Agriculture, Faisalabad	Tackling Metabolic Syndrome by Developing Functional Foods	4,160,168.00
11	1494	Dr. Asghari Bano	Quaid-i-Azam University, Islamabad	Use of Nano Technology for the Conversion of Organic Industrial Wastes in to Bio-fuels	2,279,680.00
12	1495	Dr. Sarfraz Ahmed	Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi	Comparative Economics of Fish Farming in Four Districts of Potohar Region	894,389.00
13	1499	Dr. Muhammad Hamid Bashir	University of Agriculture, Faisalabad	Systematic Mite Pests of Stored Grains and their Control by Using Non-conventional Acaricides and Botanicals from Punjab, Pakistan	3,783,316.00
14	1534	Dr. Muhammad Aamer Maqsood	University of Agriculture, Faisalabad	Zinc Bio-fortification in Grain of Wheat Grown on Zinc Deficient Soils of Punjab through Farmer Friendly Approaches	2,145,904.00
15	1551	Dr. Asif Mir	International Islamic University, Islamabad	Molecular Pathogenesis of Inherited Bardet-biedl Syndrome	1,235,179.00
16	1604	Dr. Muhammad Sadiq	University of Malakand	Green Oxidation of Alcohols in the Liquid Phase with Oxygen Catalysed by Reduced and Unreduced Iron Supported on Zirconia	4,996,403.00

S.No.	Project	Principal Investigator	Project Title	University/Institution	Total Cost (Rs.)
17	1632	Dr. Zaheer -ul-Haq Qasmi	University of Karachi	Structure-based Approach to Design Antiparasitics: Inhibition of Folate Pathway Enzyme in Leishmania and Trypanosoma	2,651,694.00
18	1687	Dr. Pir Roshan Shah Rashdi	Mehran University of Engineering and Technology, Jamshoro	Analysis of University-Industry-Government Linkages in Pakistan	2,630,379.00
19	1724	Dr. Syed Intasar Husain Taqvi	Federal Urdu University of Arts, Sciences and Technology, Islamabad	To Search New Inotropic and Cardio tonic Agent from Indigenous Cardio tonic Medicinal Plants for Use in Heart Failure Therapy	5,260,642.00
20	1727	Dr. Muhammad Tariq	Lahore University of Management Sciences	Molecular Characterisation of Drosophila Polycomb Protein Phosphorylation and Sumoylation Sites	4,885,223.00
21	1740	Dr. Basit Yameen	Lahore University of Management Sciences	Development of Protogenic Groups Containing Polymer Brush Modified Additives to Improve the Proton Conductivity of Polyelectrolyte Membranes for Fuel Cell Application	5,728,057.00
22	1759	Dr. Qudsia Hassan	Ziauddin University, Karachi	Amino Acid Racemisation in Human Dentine as an Indicator of Age	1,072,489.00
23	1831	Dr. Fouzia Sultana Rehmani	University of Karachi	Application of Siderophores to Chelate out Heavy Metals Toxicity in Soil and Water Caused by Environmental Hazards in Pakistan	1,741,275.00
24	2172	Dr. Inayatullah Jan	Khyber Pakhtunkhwa Agricultural University, Peshawar	Rainwater Harvesting for Sustainable Mountain Agriculture Development in Pakistan	748,255.00

S.No.	Project	Principal Investigator	Project Title	University/Institution	Total Cost (Rs.)
25	2262	Dr. Muhammad Tahir	University of Agriculture, Faisalabad	Enhancing Nutrient Use Efficiency and Productivity of Oilseed Crops by Plant Growth Promoting Rhizobacteria	1,215,928.00
26	884	Dr. Rakhshanda Nawaz	University of Agriculture, Faisalabad	In Vitro and in Vivo Metals Binding Capacities of Different Chelating Agents	3,859,941.00
27	910	Dr. Abdul Khaliq Naveed	National University of Sciences and Technology, Islamabad	Effect of Thiamine on Dyslipidemia and Glycemia in Alloxan Diabetic Rats	130,774.00
28	953	Dr. Muhammad Aftab Rafiq	Pakistan Institute of Engineering and Applied Sciences, Islamabad	Electron Transport in Silicon Nanostructures	4,212,260.00
29	976	Dr. Syed Habib Bokhari	COMSATS Institute of Information Technology, Islamabad	Development of an Integrated System Comprising of Engineered Bacteria Based Biosensors for the Detection of Bioavailable Toxic Metals from Environment	1,597,744.00
Total Amount Released					85,734,335.00

2. Office of Research Innovation and Commercialisation (ORIC)

The Office of Research Innovation and Commercialisation (ORIC) provides strategic and operational support to the University's research activities/programmes. It has a principal role in facilitating the University's research and transforming pure knowledge into products and production processes which benefit the community.

2.1 Establishment of ORIC during 2015-16

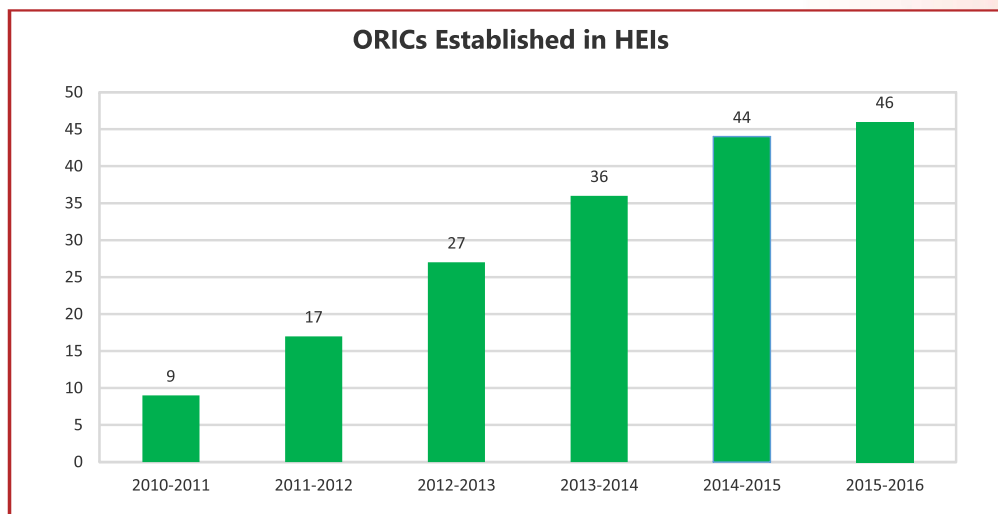
HEC has established 46 ORICs in the HEIs of Pakistan while two ORICs have been established during FY 2015-16.

The list of ORICs established till 2015-16 is given below:

List of Established and Notified ORICs				
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	Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi	Public	Punjab	Rawalpindi
5	University of the Punjab, Lahore	Public	Punjab	Lahore
6	University of Veterinary and Animal Sciences, Lahore	Public	Punjab	Lahore
7	Sukkur Institute of Business Administration, Sukkur	Public	Sindh	Sukkur
8	Bahria University, Islamabad	Public	Capital	Islamabad
9	National University of Sciences and 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
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

List of Established and Notified ORICs				
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, Mirpur	Public	AJK	Mirpur
28	University of Karachi, Karachi	Public	Sindh	Karachi
29	Balochistan University of Information Technology and Management Sciences, Quetta	Public	Balochistan	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	Public	KPK	D.I. Khan
41	Riphah International University, Islamabad	Private	Capital	Islamabad
42	Lahore College for Women University, Lahore	Public	Punjab	Lahore
43	Pakistan Institute of Engineering and Applied Sciences, Islamabad	Public	Capital	Islamabad
44	National University of Modern Languages, Islamabad	Public	Capital	Islamabad
45	Forman Christian College, Lahore	Private	Punjab	Lahore
46	Shaheed Benazir Bhutto University Shaheed, Benazirabad	Public	Sindh	Nawabshah

Following NRPU projects were completed in 2015-16.



2.2 Capacity Building of ORIC Staff

- HEC in collaboration with United Nations Industrial Development Organisation (UNIDO) and the Intellectual Property Organisation (IPO) of Pakistan organised a seminar on Intellectual Property Awareness on November 23, 2015. The seminar was followed by a four-day training workshop on Intellectual Property Rights covering topics like patent drafting, licensing and valuation. It highlighted the importance of awareness among researchers and innovators about their rights in addition to shedding light on the role of Intellectual Property Rights in development of a country's economy.
- A one day national symposium entitled "How to Develop Strong Linkages between Scientists, Business, Industry and Academia" was conducted on August 6, 2015. The Vice Chancellors of HEIs across the country, industrialists, scientists, researchers, faculty members and students participated in this event.
- In April 2016 HEC formed Innovation Steering Committee (ISC) to support research, innovation and entrepreneurship in HEIs of Pakistan. This initiative was appreciated by HEIs, Business community and other organisations of Government of Pakistan at different forums.
- As per ORIC report 2015, total number of patents filed/issued by notified ORICs of HEIs of Pakistan were 171, of which 35 were issued and 136 were filed.

3. Outstanding Research Awards

The programme aims to recognise and reward the achievements of Pakistani researchers/scholars for research, innovation and publication in all fields of study. Since 2009, 161 awards have been conferred in five award ceremonies.

Under the programme, applications are invited from researchers/scholars all over Pakistan in five categories for specified number of awards against each.

Award Category	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

FY 2015-16	No. of Applications Received	No. of Awards Approved/Conferred	Cash Prize
	461	45	Rs. 4,520,000

4. Pak-France PERIDOT Research Programme

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

FY 2015-16	No. of Projects Received	No. of Projects Approved	Grant of Approved Projects
	40	7	Rs. 8,445,000

5. Pakistan Programme for Collaborative Research (PPCR)

Pakistan Programme for Collaborative Research is meant for university faculty working in Pakistan to go abroad, or for researchers from technological advanced countries to come to Pakistan. The aim of this funding is to initiate or to consolidate international collaborations. Each approved project includes a short research activity between the host institution and the visiting fellow.

Progress of programme in FY 2015-16:

FY 2015-16	No. of Projects Received	No. of Projects Approved	Grant of Approved Projects
	11	10	Rs. 4,606,600

6. Patent Filing

HEC encourages intellectual honesty and works to safeguard the rights of the scientists/inventors. 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 are evaluated for patentability. Scientists worldwide make significant contributions to economic growth through such inventions and replication of this practice is intended in Pakistan.

Progress during FY 2015-16	
1	12 Applications were processed for filing at United States Patent and Trademark Office, USA
2	Nine cases were granted patent rights by USPTO, USA
3	US\$65,000/- Payment of Claims were made against 13 cases

7. Scientific Instrumentation

In view of high cost of acquiring and recurring maintenance of scientific equipment, HEC has initiated this programme to encourage sharing of scientific instrumentation facilities with student 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.

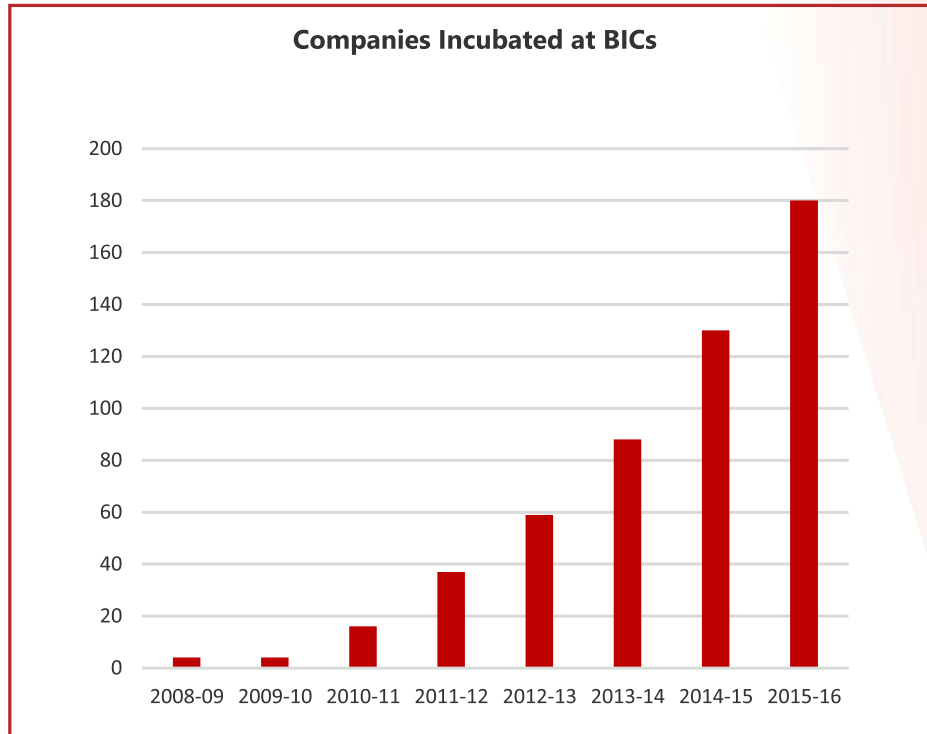
Progress during FY 2015-16	
1	300 applications received
2	263 cases awarded for research grant
3	An amount of Rs.15,826,273/- was disbursed to the Service Providers

8. Business Incubation Centres (BICs)

Business Incubation is a business support process that accelerates the successful development of start-up companies by providing new entrepreneurs with an array of targeted resources and support services by a Business Incubation Centre. The main goal of an incubator is to support the start-up firms, which play a vital role in the development of local and national economy.

During FY 2015-16, three new Business Incubation Centres were established at Government College University, Faisalabad, Abdul Wali Khan University, Mardan and the University of Haripur. Under HEC-

ILO collaborative programme for capacity building of Business Development Services Staff, 10 Business Incubation Centres conducted 1-2 week trainings on ILO's module SIYB (Start and Improve Your Business).



9. Faculty Startup Research Grant

The Start-up Research Grant Programme (SRGP) is designed to assist fresh PhDs to establish research facilities after joining higher education institutions as faculty members. The programme enables the newly appointed PhD faculty to set up basic research infrastructure for starting research activities without any delay. The programme helps engage both the faculty and students in research through provision of financial assistance and basic lab/experimental facilities. During FY 2015-16, 400 research projects were provided funding of Rs.180 million.

10. HEC Library

HEC library is fulfilling digital as well as printed information needs of all HEC employees, researchers, scholars, faculty members and students of Islamabad and vicinity. The library has a facility of wide range of digital databases which increases the user interest in library. Plagiarism checking facility is also a distinguished part of this library that is provided to the users. The library is fully automated using an integrated library management software *Koha*, and User friendly Online Public Access Catalogue (OPAC) is also accessible through LAN server which facilitates the user to search library material. The library also encourages reference queries by its front desk services.

11. PAK-US Science and Technology Cooperation

In 2003, Pakistan and the United States signed a comprehensive Science and Technology Cooperation Agreement that established a framework to increase cooperation in science, technology, engineering, and education. In 2005, the United States Agency for International Development (USAID) joined the Ministry of Science and Technology and HEC to support the joint Pakistan-US Science and Technology Cooperation Programme, and in 2008 the Department of State became a co-sponsor. HEC implements this programme from Pakistan and the National Academies of Sciences is responsible for its implementation in the US.

The Pakistan-US Science and Technology Cooperation Programme offers grants to US and Pakistani researchers to collaborate on projects that facilitate capacity building in science, technology, and research at Pakistani universities and institutions.

Achievements		
S. No.	Project Title	Status
1	PAK-US Phase-I(2005) 8 projects	All research projects completed
2	PAK-US Phase-II (2006) 9 projects	All research projects completed
3	PAK-US Phase-III (2007) 14 projects	All research projects completed
4	PAK-US Phase-IV (2009) 18 projects	12 research projects completed
5	Phase –V (2012) 10 projects	Projects in progress
6	Phase –VI (2014) 13 projects	Projects in progress

11.1 Phase VI

The Phase VI of the programme was launched in 2014. The final selection committee meeting was held from May 24-26, 2016 in USA to select the highly prioritised projects for funding. After extensive working of three days, the Pak-US team consisting of representatives from both sides mutually agreed to fund 13 projects.

List of Projects.

S.No.	Project Title	Principal Investigator Pakistan
1	Understanding the mechanism of arsenic and fluoride and reducing exposure by targeting low arsenic and fluoride aquifers in rural Punjab, Pakistan	Dr. Abida Farooqi, Assistant Professor, Environmental Sciences, Quaid-i-Azam University, Islamabad
2	Multidrug-resistant pathogen surveillance in Pakistani and US hospitals	Dr. Saadia Andleeb, Assistant Professor, Department of Industrial Biotechnology, Atta ur Rahman School of Applied Biosciences, National University of Science & Technology (NUST), Islamabad
3	Medicinal and aromatic plants production for economic development and conservation in Swat Valley, Pakistan: Improving livelihoods and mitigating climate change	Dr. Hassan Sher, Associate Professor/ Director, Center for Plant Sciences and Biodiversity, Odigram Campus University of SWAT
4	Assessing the cause of groundwater nitrate pollution in Pakistan and the development of environmental chemistry research and curriculum at Abdul Wali Khan University	Dr. Muhammad Balal, Assistant Professor, Department of Chemistry, Abdul Wali Khan University Mardan
5	Genome-Wide microRNAs and Single Gamete Based Genetic Profiling of Sweet Sorghum Varieties for Biofuel Production	Dr. Muhammad Younas Barozai, University of Balochistan, Quetta
6	Empowering of Pakistani Women through translational research in the sciences: Waste-to-Energy Conversion, and Water Purification Technology development	Dr. Najma Memon, Associate Professor, National Centre of Excellence in Analytical Chemistry, University of Sindh, Jamshoro
7	Codec: Composition and Management of e-Government Processes in the Cloud of Public Services	Dr. Basit Shafiq, Assistant Professor, Department of Computer Science Lahore University of Management Sciences (LUMS), Lahore

S.No.	Project Title	Principal Investigator Pakistan
8	Establishment of a Center for High-Performance Energy-Efficient Buildings and Homes: Capacity Building in Related Research, Education and Practice	Prof. Dr. Muhammad Arif Khan, Head Architectural Engineering and Design Faculty of Civil Engineering, University of Engineering and Technology, Lahore
9	Research Collaboration between Pakistan and the United States on the Development of Innovative Technical Textiles and Medical Textile Products	Prof. Dr. Tahir Jamil, Chairman Dept. of Polymer & Textile Engineering & Technology, Quaid-i-Azam Campus, University of the Punjab, Lahore
10	Application of molecular methods for the development of a pathogen-free certification programme for grapevine in Pakistan	Professor. Dr. Shagufta Naz, Department of Biotechnology Lahore College for Women University, Lahore
11	Targeted Surveillance of Avian Influenza in high risk groups of avian and human population	Dr. Mamoona Chaudhry, Assistant Professor, Department of Epidemiology and Public Health University of Veterinary and Animal Sciences, Lahore
12	A Sustainable Point-of-Use Filtration Unit for Treating Pesticide Contaminated Groundwater	Prof. Dr. Asad Ullah Khan, Chairman and HOD Department of Chemical Engineering COMSATS Institute of Information technology, Lahore
13	Novel Compounds By Structural Modifications of Anti-HIV Drug (Delavirdine) and Their Antiviral Screening	Dr. Sana Aslam, Assistant Professor, Department of Chemistry Government College for Women University, Faisalabad

12. National Digital Library Programme

Objectives

1. Content acquisition and development
2. Promotion and advancement of research culture
3. Technical support of e-resources
4. Research uptake and capacity building

Main Tasks

1. Liaising activities with publishers
2. Negotiations meetings with publishers
3. Conducting workshops with publishers
4. Awareness workshops
5. Digital library trainings
6. Technical support visits and trainings to 500 sites
7. E-content payments

The programme comes under the promotion of research and helps build impact on promotion of research culture and development of latest research trends. The National Digital Library Programme (NDLP) since its inception in 2003 supports potential research workforce with the latest scientific information that could assist researchers to add value in share of world knowledge. The Digital Library offers more than 22,000 e-journals, 150,000 e-books, six indexing services and three standard databases. Around 500 members consisting of universities and colleges are registered in the programme and are improving their publication profiles.

Achievements	
1	40% increase in authors in five years, source: scival
2	Citation per publication in five years 3.5, source: scival
3	Highly cited papers 93, source: ESI
4	Pakistan has 26 competencies in which ahead of world
5	10,000 publication in IF journals in 2015
6	11,000 users trained through quizzes on platforms
7	30 awareness building trainings in different universities
8	Two publishers-specific trainings

Targeted Activities	
1	2 nd IEEE Quiz was launched from February 1, 2016 to April 30, 2016 for all the subscribing universities
2	During the period of Quiz, Hands-on Trainings were conducted in 30 universities across the country
3	Emerald resource person training on how to get published with emerald is conducted for the librarian

The programme is responsible for the provision of scientific information to the HEIs. This year Digital Library maintained approximately 150,000 of e-content for 500 plus registered institutions under the programme.

13. Text Book and Monograph Writing Scheme

HEC started a project in 2003, entitled Text-Book/Monograph Writing Scheme. The programme was launched 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. The year wise detail of received proposals under the period 2015-2016 is given below.

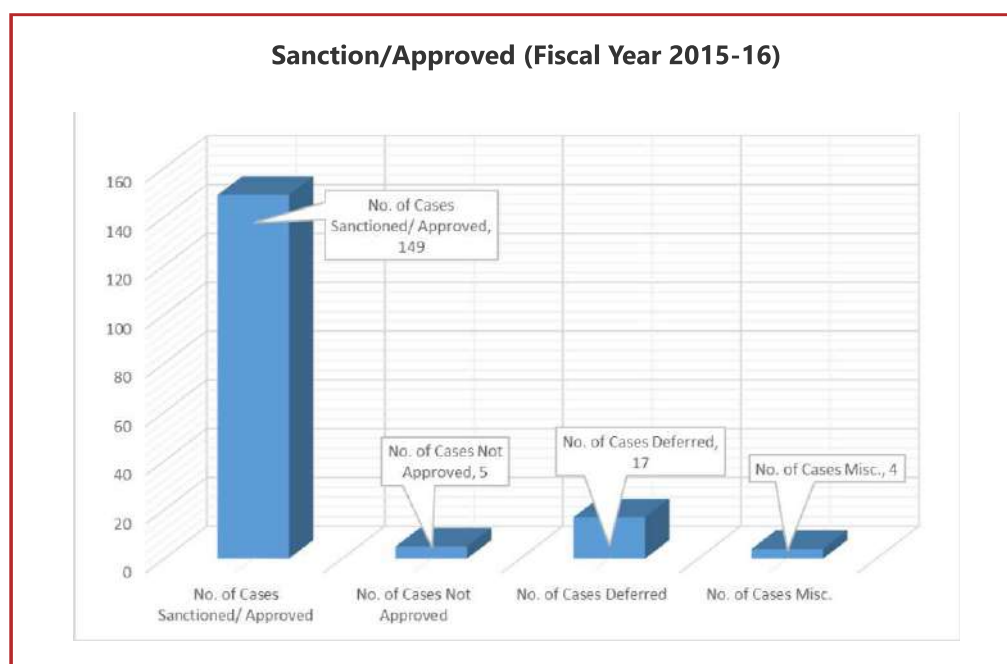
Financial Year	Total Proposals Received	Proposals Considered for Processing	Award Letters	Books Published
2015-16	26	23	10	06

14. Grant to Organise Seminars, Conferences

Academic events are significant for sharing of knowledge and research among universities and scholars. The promotion of research culture in HEIs through seminars, conferences, workshops or symposia, is one of the highest priorities of HEC. To support the development of research culture, HEC provides financial grants to all public sector universities, HEIs, DAIs, centres 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 HEIs as well as establishment of linkages of the HEIs with relevant industrial and corporate sectors.

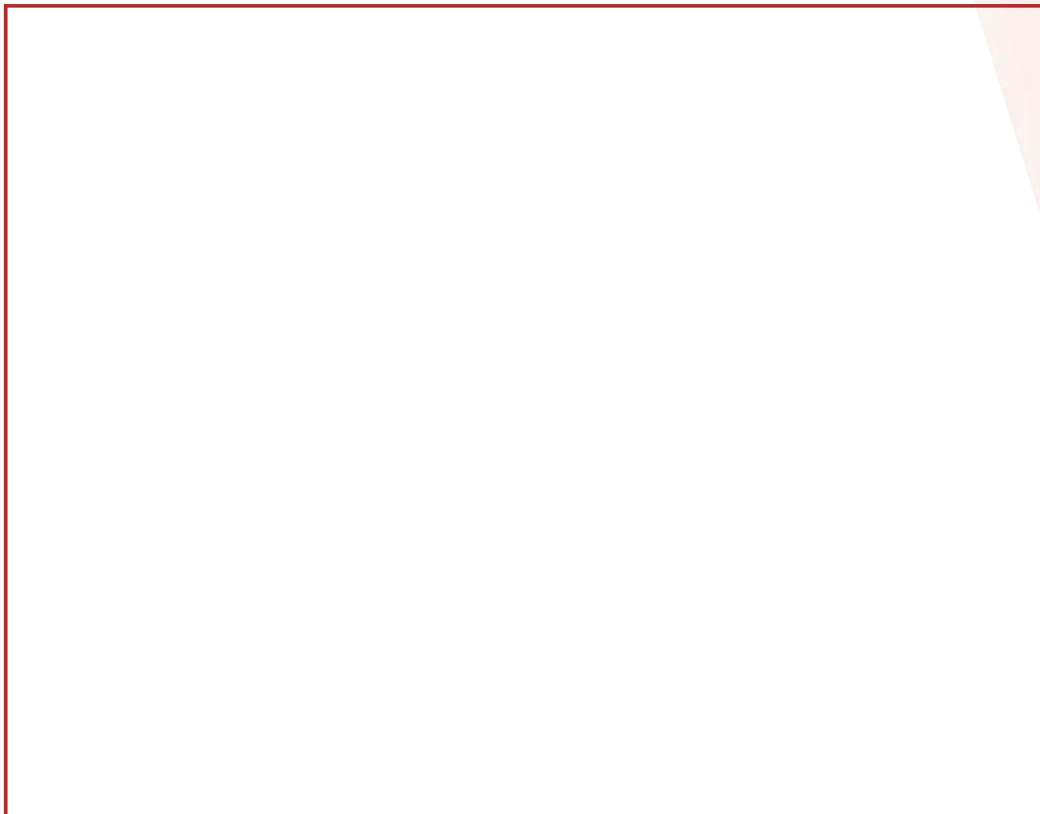
HEC supports up to a maximum of Rs. 1.5 million for an international level event, while national level event is supported by up to a maximum of Rs. 1.0 million. Faculty of eligible universities/institutions may apply for the grant, at least 42 days prior to the event scheduled dates. Grants are approved on recommendation of the committee constituted for the purpose. Sanctioned amount is reimbursed upon filing of reimbursement claim within three months of the event.

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
2015-16	149	Rs. 115,129,572	5	17	4	171



Geographical Distribution of Sanction/Approval in Fiscal Year 2015-16.

Provinces		No. of Cases Sanctioned/Approved	Amount Sanctioned/Approved (Amount in PKR)
1	Punjab	46	40,121,602
2	Federal	47	34,867,815
3	KPK	17	8,882,465
4	Sindh	34	26,760,690
5	Balochistan	3	2,617,000
6	Gilgit Baltistan	0	0
7	AJK	2	1,880,000
Total		149	115,129,572



Reimbursement in Fiscal Year 2015-16

Fiscal Year	Budget Allocation	Expenditure/ Reimbursement During Fiscal Year	Percentage Expenditure
2015-16	Rs. 100000000	Rs. 64000000	64%

Travel Grants		
1	Number of Travel Grants Approved/Sanctioned	1125
2	Approved/Sanctioned Amount	Rs. 137982400

15. Social Integration Outreach Programme

Cognizant of the fact that universities need to build healthy communities, HEC invited proposals under the Social Integration Outreach Programme (SIOP). This programme provides a platform to the universities for sharing their expertise with the local community.

The major objective of this programme is to nurture collaboration between universities and the community. A new theme is selected each year by HEC, against which project proposals are invited from universities. The theme for the year 2015-16 is 'Handholding of Schools', against which 41 project proposals were received for consideration of funding, out of which a total of 21 projects were approved after a review process for execution period of three months. Total cost of the approved projects for the Fiscal Year 2015-16 was Rs. 9.5 million with equal contribution from the relevant host universities.

One single project can be supported up to a maximum of Rs. 500,000. This programme also pushes host universities to make contribution towards society building, which may not be less than the amount contributed by HEC.

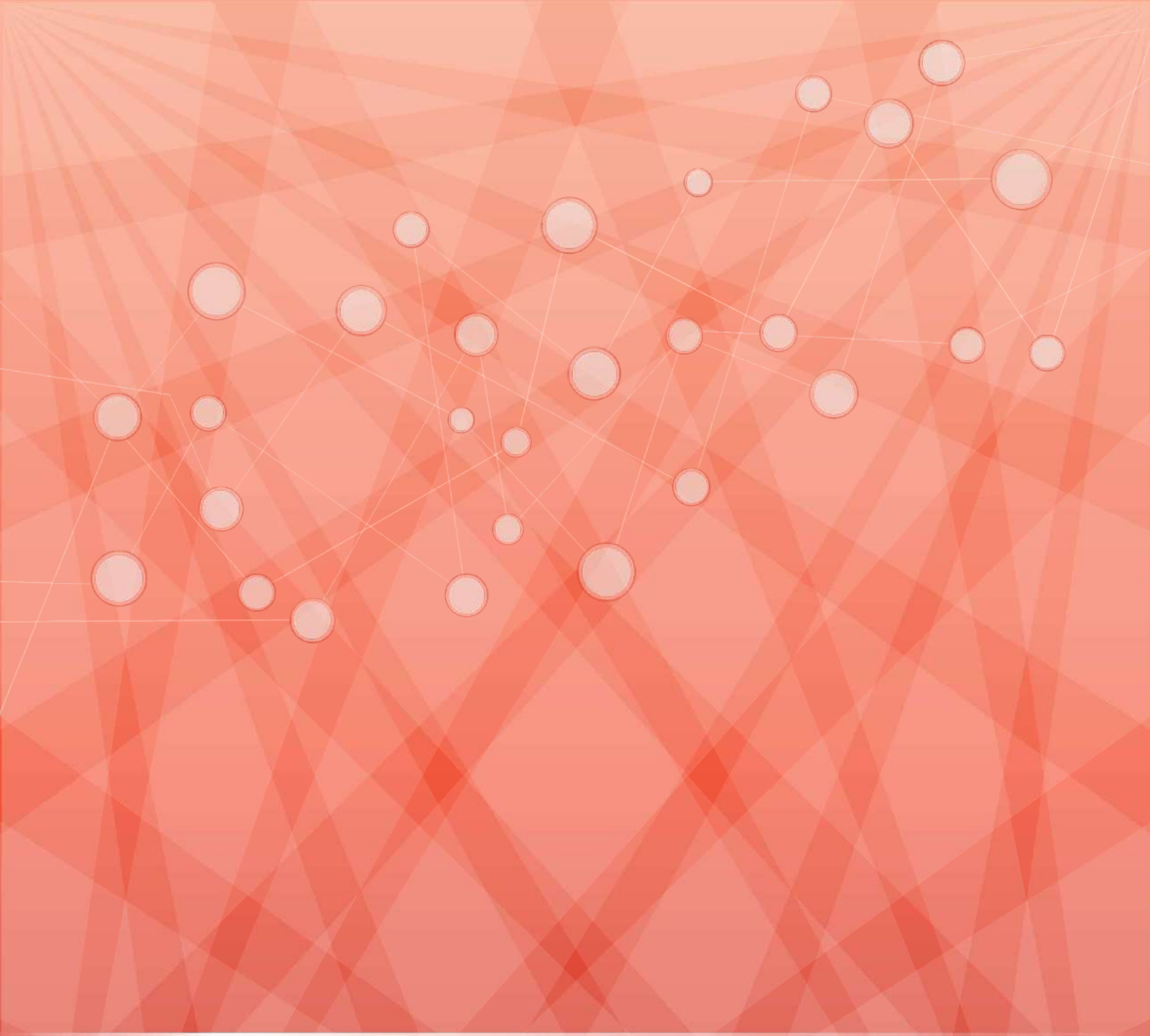
16. Knowledge Economy Partnership

To provide a window of opportunity to Pakistani academicians of working with British counterparts, under HEC-British Council Knowledge Economy Partnership Programme, HEC and the British Council signed this bilateral academic cooperation programme during the Fiscal Year 2014-15. This programme further strengthens the existing cooperation between the HEC and the British Council. A total of 14 collaborative research projects, each for execution period of three years, have been awarded after a thorough review process, which are in the 2nd year of execution. During the current Fiscal Year, 2nd instalment amounting to Rs. 7.76 million has been released.

17. Establishment of Technology Development Fund

HEC in pursuance of its mission, has initiated a new project entitled, Establishment of Technology Development Fund for academia and Industry joint venture projects to introduce new technologies in Pakistan. It was approved under PSDP with a total cost of Rs. 2905 million. As per Vision 2025 of the Planning Commission, in a resource constrained economy, education and technology inputs especially those available at our universities should act as engine of growth.

The project will create employment opportunities for our educated and technical manpower and help develop indigenous enterprises to create appropriate jobs and stop the brain drain. The proposed project will enhance university-industry interaction for problem solving and for development so that the hands-on practices on technologies can be harnessed to develop prototype for commercialisation. The programme will help both scholars and industrialists to convert innovative ideas into products. The joint proposals can win up to Rs.14 million of grant for successful proposal.



Learning Innovation

Quality of education is highly dependent on the quality of teachers. Therefore, the Higher Education Commission (HEC) places special emphasis on continuous professional development of the higher education teaching faculty for achieving excellence in learning and research. Professionally trained and qualified teaching faculty in higher education institutions can first create a learner-oriented knowledge transferring culture in the classrooms with a definite mechanism-based on learning outcomes and then trickle down quality learning and research to the students.

Learning Innovation Division (LID) HEC is a hub for in-service continuous capacity building and professional development of the higher education teaching faculty and university management of HEIs all over Pakistan. Professional Development Programmes for the teachers of HEIs play a pivotal role for effective teaching/learning process. HECs initiatives for academicians and management staff are providing them the opportunity to explore challenges associated with their occupation and equip themselves with the latest professional tools/techniques and skills.

Learning Innovation Division training programmes include the following:

HEIs Faculty Programmes	HEIs Management Programmes
<ol style="list-style-type: none"> 1. Master Trainers-Faculty Professional Development Programme (MT-FPDP) 2. Continuous Professional Development (CPD) Programme 3. English Language Teaching Reforms (ELTR) Project 4. Transforming English Language Skills (TESL) 	<ol style="list-style-type: none"> 1. Modern University Governance I. Orientation Leadership Training Programme for Newly Inducted Vice Chancellor HEIs of Pakistan ii. Leadership Training Programme for Newly Inducted Vice Chancellor HEIs of Pakistan iii. Leadership Training Programme for Senior Management HEIs of Pakistan iv. Strategic Management Workshops for Senior Management HEIs of Pakistan v. Indigenous On-Campus Training Programme for Public Sector HEIs

Beneficiaries of HEIs Faculty Programmes

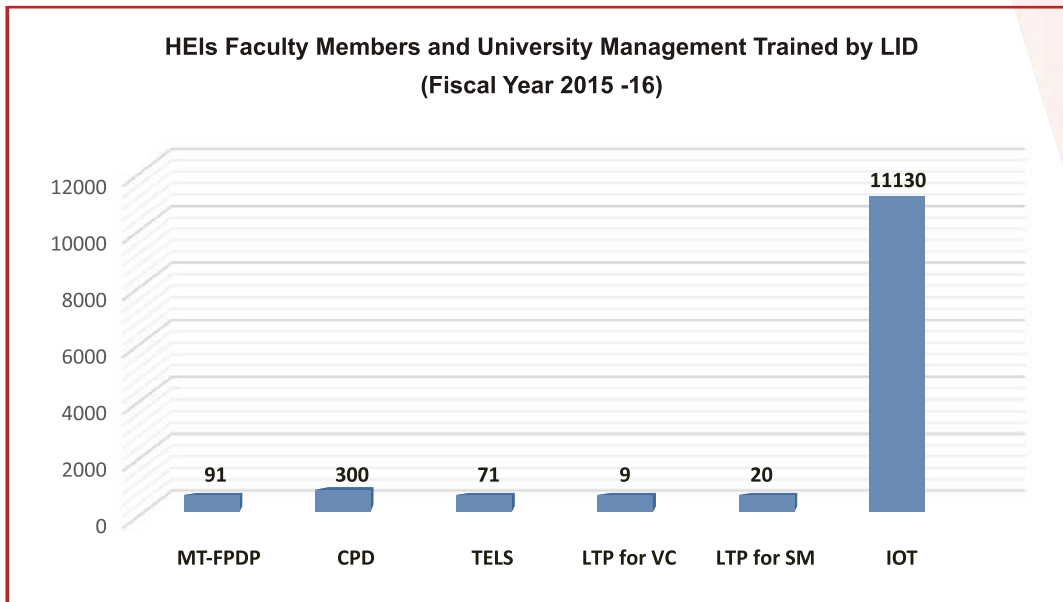
Permanent teaching faculty of public sector HEIs or HEC funded private sector HEIs up to professor level benefit from these programmes.

Beneficiaries of HEIs Management Programmes

Senior managers of universities including vice chancellors; presidents; rectors; directors; principals; pro-VCs; pro-rectors; vice principals; registrars; HoDs; deans; IT managers; policy makers; hostel wardens of public sector HEI; or HEC funded private sector HEI; are selected for these programmes.

HEIs faculty members and university management trained by LID in Year 2015-16:

Categories	Programmes	Total
HEIs Faculty Training Programmes	Master Trainers- Faculty Professional Development Programme (FPDP)	91
	Transforming English Language Skills (TELS) Professional Development Courses	71
	Continuous Professional Development (CPD) Workshops	300
HEIs Management Training Programmes	Leadership Training Programme for Newly Inducted Vice Chancellors of HEIs of Pakistan	9
	Leadership Training Programme for Senior Management of HEIs of Pakistan	20
	Indigenous On-Campus Training Programme for Public Sector HEIs	11130
TOTAL		11621

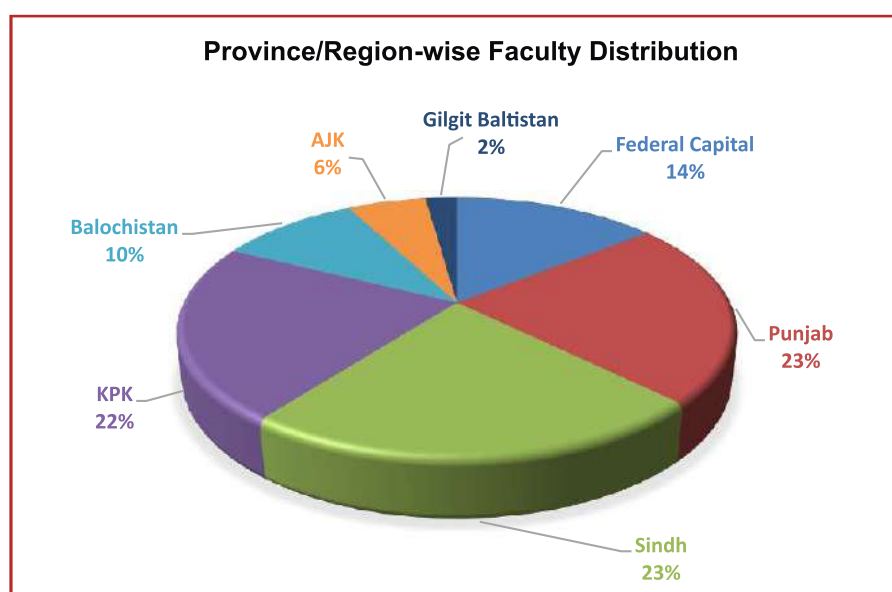


1. Master Trainers-Faculty Professional Development Programme (MT-FPDP)

This is an intensive 8-12 weeks, in-service orientation and professional certification programme for the relatively new and freshly inducted teachers at higher education level. In 2015-16, three batches of MT-FPDP were organised in which 91 faculty members were certified as Master Trainers.

Province/Region-wise MT-FPDP Training Summary for the FY 2015-16:

S. No.	Province/Region	Total
1	Federal Capital	13
2	Punjab	21
3	Sindh	21
4	Khyber Pakhtunkhwa	20
5	Balochistan	9
6	Azad Jammu and Kashmir	5
7	Gilgit Baltistan	2
Total		91





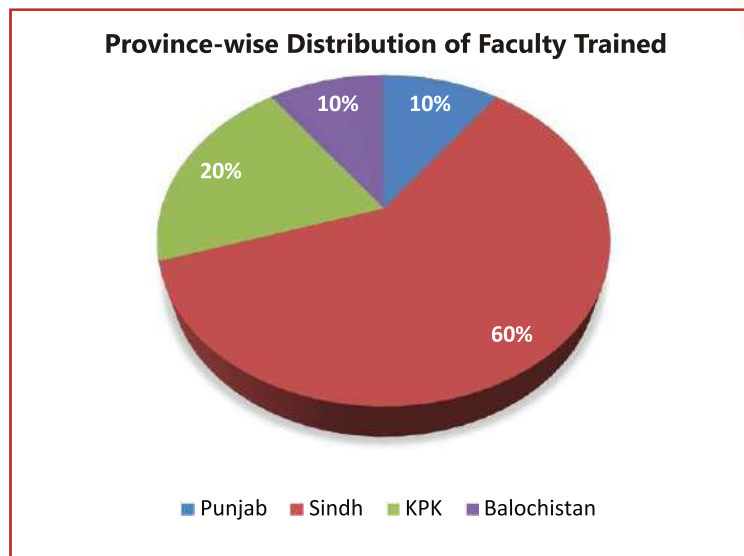
Master Trainers Faculty Professional Development Programmes

2. Continuous Professional Development (CPD) Workshops

Continuous Professional Development has undergone tremendous change since 2004. Learning Innovation Division conducts various refresher courses of two weeks duration round the year for the teaching faculty of higher education institutions based on their need-based proposals. These refresher courses aim to provide the background and skills necessary for faculty members to participate positively in the academic activities of universities.

Province-wise Summary of CPD Training for the Fiscal Year 2015-16:

S.No.	Province	Total
1	Punjab	30
2	Sindh	180
3	Khyber Pakhtunkhwa	60
4	Balochistan	30
Total		300



3. Modern University Governance Programmes

3.1 Leadership Training Programme for New Vice Chancellors

This activity is designed to familiarise the participants of 'HEC orientation workshops for newly inducted Institutional heads of HEIs' with international standards and to 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. This training programme is conducted in collaboration with foreign partners.

3.2 Leadership Training for Senior Management

These training courses are designed to improve the participants' strategic planning and leadership, to enhance their capacities by introducing management tools and to provide an orientation to working in the universities of international partners.

3.3 Strategic Management Workshops for Senior Management of HEIs

Strategic management workshops for senior management of the HEIs are designed to equip the middle level managers of the HEIs including Category Band C stakeholders at their doorsteps with the basics of the strategic management tools and enable them to integrate their learning and experience.

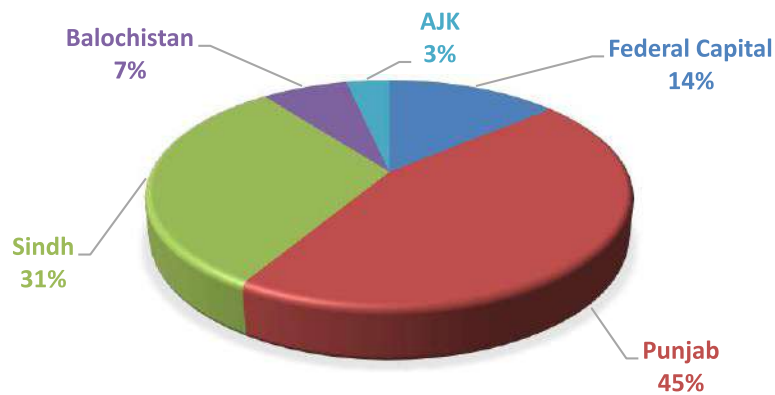
3.4 Indigenous On-Campus Training Programme for Public Sector HEIs

Indigenous On-Campus Training Programme is designed for the capacity building of non-teaching staff of public sector HEIs of Pakistan. The basic objective of this training programme is to help the employees to acquire job related skills and to make use of them during their service. The financial assistance was given to the HEIs in the shape of grant-in-aid.

Province/Region-wise Summary of Vice Chancellor and Senior Management of HEIs under MUG Training Activities for the Fiscal Year 2015-16.

S.No.	Province/Region	Total
1	Federal Capital	4
2	Punjab	13
3	Sindh	9
4	Balochistan	2
5	Azad Jammu and Kashmir	1
Total		29

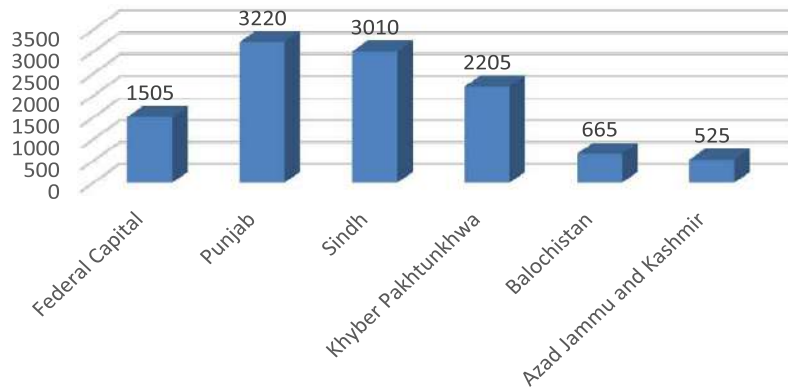
Province-wise Distribution of Leadership Training of VCs (FY 2015 -16)



Province/Region-wise Summary of IOT under MUG Training Activities for the Fiscal Year 2015-16.

S.No.	Province/Region	Total
1	Federal Capital	1505
2	Punjab	3220
3	Sindh	3010
4	Khyber Pakhtunkhwa	2205
5	Balochistan	665
6	Azad Jammu and Kashmir	525
Total		11159

Province-wise Management Staff Trained under IOT Training (FY 2015-16)



MUG Workshops



Indigenous On-Campus Training Programme



Leadership Training Programme in UK

4. Transforming English Language Skills (TELS) Training Programmes

Transforming English Language Skills is a project aimed at transforming English language skills in higher education in Pakistan. HEC is implementing a proposal according to which English language skills in higher education can be transformed by means of different modules. These modules will address the teaching of English for academic and employment purposes. These modules are:

- English for Academic Purposes (EAP)
- English for Specific Purposes (ESP)
- Research Methodology
- Androgogical/Pedagogical Skills
- Testing and Evaluation
- English Language Teaching/ English as a Second Language (ELT /ESL)

TELS aims to help integrate information technology with ELT by training English faculty to develop expertise in Computer Assisted Language Learning (CALL) and to train English faculty to meet the demands of on-going assessments in semester systems by developing their expertise in designing and conducting latest testing techniques.

In fiscal year 2015-16, the project was extended to the ELT based training programme in public sector Higher Education Institutions (HEIs) across Pakistan. Four training programmes in different modules were organised in public sector Hells.

5. English Language Teaching Reforms (ELTR)

Considering the importance of English language in contemporary educational scene, HEC launched its first ever language based project entitled "The English Language Teaching Reforms (ELTR)" in July 2004 with the aim to transfigure and update teaching standards and to bring about a significant improvement in the learning and teaching of English language and research in HEIs across Pakistan.

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 ELTR encompasses fecund components for capacity building of ELT faculty like Indigenous Scholarships and Continuous Professional Development (CPD) courses. The scope of the project is not confined to it but to strengthen the English departments of public sector varsities establishment of Self Access Centre (SAC) is another exclusive initiative. Furthermore, to nurture research, the project provides funding for new ELT Research Journals and ELT based Research Projects. The ELTR provides a robust platform of conferences and seminars to English fraternity to share and present their work for ELT reforms.

Glimpse of ELTR Activities Phase-II

PC-I Activities	Offerings	PC-I Target	Achievements
Indigenous Scholarships/Degree Programmes	a. Indigenous Scholarships		
	<ol style="list-style-type: none"> 1. MS in Applied Linguistics and related disciplines 2. Masters in Applied Linguistics, TEFL, TESL, ELT 3. PGD, ADP in TEFL, TESL, ELT 	150	129
Continuous Professional Development (CPD)	b. CPD Courses/ Fellowships		
	<ol style="list-style-type: none"> 1. CPD Fellowships (up to 4 week) 2. CPD Courses (up to one week) <ul style="list-style-type: none"> • Computer Assisted Language Learning (CALL) • Testing & Evaluation • Research Methodology & Skills • Androgogical/Pedagogical Skills • Open & Customised Programmes 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	9
Funding for Research Journals	Funding to start a new English Research Journal	5	3
Funding of Research Projects	Provide ELT Scholars with research grants for small scale research projects	5	4
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	4	4

Phase II of the project was launched with the mission to transfigure and reform English language teaching genre across the country. The year 2015-16 remained productive and vibrant in terms of inculcating new teaching techniques to ELT faculty through various activities. The project brushes up few mechanisms and policies to streamline English fraternity in a more systematic way. To facilitate native English faculty with international trainings, international donor agencies like British Council and US Embassy Pakistan were engaged. The Indigenous Scholarships, CPD courses and new research journals remained the most focused areas. The year of 2015-16 set new ELT dimensions to enrich and enhance English language teaching and research.

The top two-thirds of the page feature a background of overlapping, semi-transparent geometric shapes in various shades of orange and red. Overlaid on this is a network diagram consisting of numerous white circles of varying sizes, some with a thin red outline, connected by thin white lines. The circles are scattered across the upper portion of the page, creating a sense of interconnectedness and complexity.

Accreditation and Attestation

Scaling up tertiary enrolment ratio and literacy rate is a major concern, while immense attention is paid to establishment of new universities-both in public and private sector-attestation and verification of degrees and local and foreign equivalence of degrees. Whereas, Accreditation and Attestation (A&A) Division has focused much of its energy on facilitating to its stakeholders, with mission to ensure quality education through, accredited institutions, recognised degrees and equivalence of degrees.

A&A has laid down its objectives to prescribe conditions under which institutions, including those which are not part of the state education system, may be opened and operated. It also aims to advise the federal government and the provincial governments on proposals for granting charter to award degrees in both public and private sectors. One of the most crucial target of A&A is to determine the equivalence and recognition of degrees, diplomas and certificates awarded by institutions within the country and abroad.

For measuring performance of the department and setting new goals to achieve A&A has set some key indicators comprising number of new universities established, number of sub-campuses established, number of local universities facilitated to open campuses, number of foreign universities facilitated to open campuses in Pakistan, number of degrees attested and number of degrees equated.

Three Sections of A&A Division:

For effective functioning, A&A Division has been divided into three cells:

1. Accreditation Cell
2. Equivalence Cell
3. Attestation Cell

1. Accreditation Cell

Under the HEC Ordinance 2002 under Clause 10 (1) (d), the Commission is empowered to specify conditions under which institutions, including those which are not part of the state educational system, to establish new universities/institutions both in public and private sectors and it has mandate vide Clause 10 (1) (f) to advise the federal government and the provincial governments on proposals for granting a charter to award degrees. Franchising of local institutions with foreign universities and correspondence with the private chartered universities also comes under the domain of Accreditation Cell.

2. Equivalence Cell

In order to create conveyance for the stakeholders in general and employer in particular and to determine the level of local degrees at par with international degree, equivalence certificate of degrees/diplomas is awarded which also includes equivalence of *Deeni Asnad*.

3. Attestation Cell

The HEC Ordinance 2002 Clause 10 (1) (0) empowers the Commission to determine the equivalence and recognition of degrees, diplomas and certificates awarded by institutions within the country and abroad, however degrees/transcripts awarded by Pakistani HEIs are attested by Attestation Cell.

Divisional Tasks:

HEC, with the continuous support of government, has provided access to quality education to masses, upgraded teaching and research laboratories and it recommends for grant of NOC for the establishment of universities/DAIs in public and private sectors. Similar foreign collaborations and other activities listed below are performed by A&A Division.

- i. Accreditation of campuses/affiliated colleges
- ii. Provides guidelines for foreign collaboration
- iii. Categorisation of private universities (W1-W4)
- iv. Recognition of affiliated colleges located in ICT
- v. Attestation of Bachelors and onwards educational documents
- vi. Equivalence of local and foreign degrees

Progress during FY 2015-16:

Activity	Section	Progress/Achievements
Degree Attestation and Equivalence	Attestation and Accreditation (A&A), HEC	<p>Accreditation Section:</p> <ul style="list-style-type: none"> i. Established nine new universities ii. Established six new campuses <p>Foreign and Local Equivalence Section:</p> <ul style="list-style-type: none"> i. 13787 Foreign Equivalence cases processed ii. 14500 Local Equivalence cases processed iii. 5500 Deeni Asnad Equivalence cases processed <p>Attestation Section:</p> <ul style="list-style-type: none"> i. Original documents attested= 191933 ii. Photocopies Attested=103794 iii. Documents Attested through courier service=17917

The top half of the page features a network diagram with approximately 20 white circular nodes of varying sizes connected by thin white lines. The background is a complex, overlapping pattern of semi-transparent orange and red geometric shapes, primarily triangles and polygons, creating a textured, crystalline effect. A solid dark red horizontal band spans the width of the page, serving as a background for the title.

Planning and Development

Initiating a project and its preliminary planning require thoughtful definition of goals. This precedes a master planning to accommodate anticipated future needs, evaluation of project alternatives, and identification of site requirements, funding requirements, budget authorisation cycles and/or financial impacts and project phasing. The Higher Education Commission's Planning and Development (P&D) Division along with Monitoring and Evaluation(M&E) Division provides guidance to public sector universities and institutions on integrated planning and development processes to establish expectations for project scope, budget, and schedule. The main objectives of all the activities are strengthening of infrastructure in the higher education institutions, improving access to education and developing research facilities to meet the requirement of educated people.

The P&D Division is responsible for coordination regarding activities; planning, designing, developing, and writing special projects and studies for nation-wide application; coordinating and participating in the review and recommendation of planning and development projects for funds to the State educational institutions; developing new and innovative projects and programmes; and evaluating data for possible use in planning and development with ministries.

The role of M&E Division is to monitor and evaluate the development projects funded through Public Sector Development Programme (PSDP), Government of Pakistan for higher education at universities, degree awarding institutions and at HEC. The executive summaries with detailed project reports are shared with executing agencies periodically depicting the whole picture of university's portfolio of development projects with corrective and preventive measures required to resolve the issues.

The problematic, not-satisfactory or slow-paced projects are kept under the close watchlist and vigorously monitored through frequent onsite visits and follow-up meetings to mitigate the issues that are adversely affecting the project execution. M&E Division is maintaining detailed record of all projects in terms of physical and financial requirements, like how much funds are released to projects, expenditure incurred on monthly/quarterly/annual basis, projected financial requirements, and physical status of project component-wise and overall.

During FY 2015-16, there were 144 projects (87 on-going + 57 new un-approved). The proposals (PC-Is) of 39 projects were submitted to Planning Commission for approval. 39 projects (including six revised projects and two concept papers) were approved by respective forums i.e. The Central Development Working Party (CDWP)/Executive Committee of the National Economic Council (ECNEC) in various meetings whereas three projects were transferred to other ministries.

Following new initiatives were conceived during the reporting year:

Initiatives Conceived during FY 2015-16	
1	Establishment of Technology Development Fund to introduce new technology and promote R&D activities in the Higher Learning Institutions
2	Fulbright Scholarships Support Programme (266 PhD and 550 MS) (Phase-II) for talented students
3	Academic & Research Linkages with different countries under Bilateral Agreement
4	3000 Scholarships for Afghan Students
5	Higher Education Opportunities for Students of FATA and Balochistan
6	Establishment of University of Sibi, Balochistan
7	Establishment of FATA University
8	Establishment of University of Central Asia and Pakistan, Islamabad
9	Enhancement of R&D facilities at University of Health Sciences, Lahore, Institute of Space Technologies, Islamabad, National Textile University, Faisalabad, Mehran UET, Jamshoro, UET Peshawar, Pakistan Institute of Engineering & Applied Sciences, Islamabad and University of the Punjab, Lahore

1. Public Sector Development Programme (PSDP)

During FY 2015-16, the Government initially allocated an amount of Rs. 20,500.00 million to HEC for 144 development projects of universities/HEC. Later on, it was revised to Rs. 20,734.888 million. However, the total number of projects curtailed to 141 (104 ongoing and 37 un-approved) after transfer of three projects to other ministries. Summary is given below:

S.No.	Description	No. of Projects	Total Cost	Releases upto June, 2015	Rs. in million	
					PSDP Allocation 2015-16 Original	Revised
1	Approved Projects	104	169,983.147	52839.007	17,955.000	20,734.888
2	Un-Approved Projects	37	38,251.183	0.000	2,545.000	0.000
Total		141	208,234.330	52,839.007	20,500.000	20,734.888

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

S.No.	Province/Region	No. of Projects		Total No. of Projects	PSDP 2015-16 Allocation
		Ongoing	Un-Approved		
1	Balochistan	9	5	14	2186.315
2	Khyber Pakhtunkhwa	18	6	24	4292.824
3	Punjab	22	7	29	5181.381
4	Sindh	15	2	17	3120.563
Sub-Total (A)		64	20	84	14,781.083

S.No.	Province/Region	No. of Projects		Total No. of Projects	PSDP 2015-16 Allocation
		Ongoing	Un-Approved		
5	Azad Jammu & Kashmir	3	1	4	575.000
6	Federal	17	7	24	1762.275
7	HEC	20	9	29	3616.530
Sub-Total (B)		40	17	57	5,953.805
G - Total (A+B)		104	37	141	20,734.888

2. Prime Minister's Laptop Scheme

The Higher Education Commission has been given the responsibility of designing, implementation and execution of the project entitled "Prime Minister's Laptop Scheme-HEC (Phase-II)" which was approved by the Executive Committee of the National Economic Council (ECNEC) in its meeting held on April 10, 2015 at a total cost of Rs. 21,335.498 million with FEC of Rs. 16,918.944 million for a period of 48 months.

3. Scholarship Programme for Afghan Students

The project entitled "Award of 3000 Scholarships to Students from Afghanistan under the Prime Minister's Directive" was approved by ECNEC in its meeting held on September 4, 2015 at a total cost of Rs. 4,201.160 million for a period of 72 months. During FY 2015-16, the Government allocated the budget amounting Rs. 1,018.746 million through Technical Supplementary Grant (TSG) for this scholarships programme. Under this scheme, the Government of Pakistan offers scholarships to 3000 Afghan students in various fields including Medicine, Engineering, Agriculture, Management and Computer Sciences.

4. Fund Releases

The Government released Rs. 20,674.465 million (including Foreign Aid) to HEC for execution of funding to 141 development projects of universities/HEC. Summary is given below:

S.No.	Description	No. of Projects	Rs. in million		
			Total Cost	Cumulative Releases up to June, 2015	Releases during FY 2015-16
1	Approved Projects	104	169,983.147	52,839.007	20,674.465
2	Un-Approved Projects	37	38,251.183	0.000	0.000
Total		141	208,234.330	52,839.007	20,674.465

Region-wise summary of Releases is as under:

S.No.	Province/Region	Rs. in million			
		No. of Projects		No. of Projects	Releases during FY 2015-16
		Ongoing	Un-Approved		
1	Balochistan	9	5	14	2,186.315
2	Khyber Pakhtunkhwa	18	6	24	4,292.824
3	Punjab	22	7	29	5,071.688
4	Sindh	15	2	17	3,042.834
Sub-Total (A)		64	20	84	14,593.661
5	Azad Jammu & Kashmir	3	1	4	575.000
6	Federal	17	7	24	1,762.275
7	HEC	20	9	29	3,743.529
Sub-Total (B)		40	17	57	6,080.804
G – Total (A+B)		104	37	141	20,674.465

In addition, the Government released an amount of Rs. 10,600.00 million for Laptop Scheme-HEC (Phase-II) for provision of 100,000 laptops to talented students of public sector universities as per criteria laid down in the approved PC-I. Similarly, an amount of Rs. 1,018.746 million was released for the scheme entitled "Award of 3000 Scholarships to Students from Afghanistan under the Prime Minister's Directive".

Overall summary of releases during FY 2015-16 is as under:

Quarter	Authorisation issued by M/o PD&R	Actual Releases by M/o Finance
i. Local		
First	3996.978	4045.771
Second	3996.978	4045.771
Third	5995.466	5945.466
Fourth	5995.466	5499.007
Additional Grant	750.000	750.000
Sub Total: i	20,734.888	20,286.015
ii. Foreign Aid		
		388.450
Sub Total: (A)	20,734.888	20,674.465
B : Special Programme		
Laptop Scheme-HEC (Phase-II)	10,600.000	10,600.000
C : Outside PSDP		
Award of 3000 Scholarship to Students from Afghanistan under the PM's Directive	1018.746	1018.746
Sub Total: (B+C)	11,618.746	11,618.746
G - Total A+B+C	32,353.634	32,293.211

Project-wise detail is given as under:

S. No.	PSDP No.	Name of the Project	Approval Status	Approved /Estimated Cost	Cumulative Releases upto June, 2015	PSDP Allocation 2015-16	Releases FY 2015-16
A : Universities/HEC							Rs. in million
1	239	Provision of Necessary Operational Facilities for King Abdullah Campuses, University of Azad Jammu & Kashmir, Muzaffarabad	CDWP 29.10.2015	520.827	0.000	325.000	325.000
2	267	Up-gradation of University College of Engineering & Technology Mirpur into Mirpur University of Science & Technology, Mirpur, AJ&K (PM Directive); (HEC Share; Rs. 1670.024, MUST Share; Rs. 220.00 million)	Approved ECNEC 26.05.2011	1890.024	425.679	150.00	150.000
3	257	Strengthening of the University of Poonch Rawalakot, AJ&K	Approved CDWP 03.10.2014	844.914	30.000	100.000	100.000
4	281	Establishment of AJK Women University, Bagh, AJ&K	Un- Approved	450.000	0.000	0.000	0.000
5	194	Development of University of Balochistan, Quetta (Revised)	ECNEC 30.11.2006	1096.740	971.878	124.862	124.862
6	258	Strengthening of University of Balochistan, Quetta and its Campuses	Approved by CDWP November 19, 2014	895.931	150.000	50.000	50.000
7	272	Capacity Building and Strengthening of the Centre of Excellence in Mineralogy, University of Balochistan Quetta	Un- Approved	150.000	0.000	0.000	0.000
8	273	Capacity Building and Strengthening of the Pakistan Study Centre, University of Balochistan, Quetta	Un- Approved	110.000		0.000	0.000
9	309	Strengthening & Expansion of Balochistan University of Information Technology and Management Sciences, Quetta	Un- Approved	780.000	0.000	0.000	0.000

S. No.	PSDP No.	Name of the Project	Approval Status	Approved /Estimated Cost	Cumulative Releases upto June, 2015	PSDP Allocation 2015-16	Releases FY 2015-16
A : Universities/HEC							Rs. in million
10	287	Establishment of Sub Campus of Balochistan University of Information Technology and Management Sciences, Quetta at Muslim Bagh, Qilla Saifullah	Un-Approved	540.000	0.000	0.000	0.000
11	235	Provision of Academic and Research Facilities at Sardar Bahadur Khan Women's University, Quetta	CDWP 28.04.2005	673.171		315.000	315.000
12	242	Strengthening and Development of Sardar Bahadur Khan Women University, Quetta	Approved CDWP 21.01.2011	806.040	457.897	125.000	125.000
13	286	Establishment of School and Professional Development at Sardar Bahadur Khan Women's University, Quetta	Un-Approved	670.000	0.000	0.000	0.000
14	191	Development of Infrastructure at Lasbela University of Agriculture, Water and Marine Sciences, Uthal, Balochistan	CDWP 21.10.2011	974.820	171.700	470.000	470.000
15	212	Establishment of University at Loralai	Approved ECNEC 26.05.2011	1518.751	414.358	350.000	350.000
16	213	Establishment of University at Turbat (Revised)	Approved ECNEC 26.05.2011	2820.622	1167.000	638.060	638.060
17	237	Provision of Basic Amenities at Balochistan University of Engineering & Technology, Khuzdar	Approved CDWP April 11, 2014	798.731	140.000	98.000	98.000
18	290	Establishment of University at Sibi, Balochistan	CDWP 29.10.2015	550.240	0.000	15.393	15.393
19	260	Strengthening of University of Peshawar, Khyber Pakhtunkhwa	CDWP 21.10.2011	605.000	110.000	400.000	400.000

S. No.	PSDP No.	Name of the Project	Approval Status	Approved /Estimated Cost	Cumulative Releases upto June, 2015	PSDP Allocation 2015-16	Releases FY 2015-16
A : Universities/HEC							Rs. in million
20	243	Strengthening and Enhancement of Academic Provisions in the Faculty of Life & Environmental Sciences in the University of Peshawar (Revised)	CDWP 22.07.2008 Revised 08.02.2016	547.215	464.695	82.520	82.520
21	310	Strengthening of Academic & Professional Facilities at University of Peshawar	Un-Approved	735.000	0.000	0.000	0.000
22	253	Strengthening of National Centre of Excellence in Geology (NCEG), University of Peshawar (Revised)	Approved ECNEC 25.02.2005	797.299	605.563	191.736	191.736
23	299	Provision of Academic & Allied Facilities at University of Agriculture Peshawar Amir Muhammad Khan Campus Mardan	Submitted to CDWP	937.968	0.000	0.000	0.000
24	274	Construction of Boundary Wall at University of Agriculture, Peshawar	CDWP 14.01.2016	235.160	0.000	235.160	235.160
25	246	Strengthening of Academic and Research Facilities at Gomal University D. I. Khan	Approved CDWP 27.01.2005	839.072	10.000	120.000	120.000
26	303	Provision of Research and Academic facilities at Kohat University of Science & Technology, Kohat	Un-Approved	725.000		0.000	0.000
27	223	Jalozai Campus of NWFP University of Engineering & Technology, Peshawar	ECNEC 19.09.2007	6565.272	3405.643	700.000	700.000
28	280	Establishment and Upgrading of Core Engineering Departments in Mardan Campus of Khyber Pakhtunkhwa University of Engineering & Technology Peshawar	CDWP 08.02.2016	1336.725	0.000	240.000	240.000
29	277	Development of University of Dir, Sheringal	CDWP 14.01.2016	1709.187	0.000	340.000	340.000

S. No.	PSDP No.	Name of the Project	Approval Status	Approved /Estimated Cost	Cumulative Releases upto June, 2015	PSDP Allocation 2015-16	Releases FY 2015-16
A : Universities/HEC							Rs. in million
30	234	Provision of Academic and Allied Facilities at University of Malakand	Approved CDWP 04.05.2005	922.302		330.000	330.000
31	192	Development of Khyber Medical University, Peshawar (Revised)	CDWP 11.10.2008 Revised 31.08.2015	725.709	477.800	247.909	247.909
32	252	Strengthening of Khyber Medical University Peshawar	Approved by CDWP on 23.09.2014	980.352	40.000	370.000	370.000
33	262	Strengthening/Up-gradation of Islamia College Peshawar	Approved CDWP 22.11.2008	476.496	393.500	82.996	82.996
34	189	Construction of Boys & Girls Hostel, Islamia College University Peshawar	CDWP 28.04.2015	208.455		25.000	25.000
35	320	Strengthening of Research Programmes at Islamia College University, Peshawar	Un-Approved	666.771	0.000	0.000	0.000
36	196	Enhancement of Infrastructure at Institute of Management Sciences (IMS), Peshawar (PSDP Share: Rs. 387.503 million+ IMS Share+ Rs. 105.435 million = Rs. 492.938 million)			90.000	297.503	297.503
37	188	Completion of Leftover Work on Academic Blocks at Hazara University Mansehra	Approved CDWP 31.08.2015	662.179	0.000	100.000	100.000
38	216	Establishment University of Swat (Phase-I) (Province Share= Rs. 1496.682 already approved by PDWP + GOP Share + Rs. 1084.045 million, Total = Rs. 2580.727 million)	Approved CDWP 27.01.2015	1084.045	10.000	80.000	80.000

S. No.	PSDP No.	Name of the Project	Approval Status	Approved /Estimated Cost	Cumulative Releases upto June, 2015	PSDP Allocation 2015-16	Releases FY 2015-16
A : Universities/HEC							Rs. in million
39	236	Provision of Basic Academic and Allied Facilities at University of Swabi	Approved by CDWP March 31, 2015	1001.274	190.000	200.000	200.000
40	325	Upgradation of University of Hazara Campus at Havelian to a Full-fledged University	Un-Approved	800.000		0.000	0.000
41	322	Technical University Nowshera (50: 50 Cost Sharing by Federal and Provincial Govt)	Un-Approved	3000.000		0.000	0.000
42	248	Strengthening of Agricultural Engineering and Women Development Programmes, PMAS Arid Agriculture University, Rawalpindi	Approved January 06, 2015	843.189	130.000	270.000	270.000
43	249	Strengthening of Bahauddin Zakariya University, Multan	CDWP Approved 19.11.2009	971.537	470.000	111.597	111.597
44	209	Establishment of Sub-Campus University of Agriculture, Faisalabad at Depalpur (Okara)	Approved CDWP 27.08.2007	475.395	186.856	30.000	30.000
45	205	Establishment of I.T and Library Infrastructure for New Disciplines of Food and Energy Engineering and Science at University of Agriculture, Faisalabad	Approved by CDWP March 04, 2015	1350.000	200.000	480.000	480.000
46	275	Development of Fatima Jinnah Women University, Campus-II, (Phase-2) Chakri Road Rawalpindi	CDWP	650.000		82.000	82.000
47	218	Faculty Development Programme of Bahauddin Zakariya University, Multan (100 Ph.D Foreign Scholarships)	Approved ECNEC 30.03.2009	832.105	496.000	90.000	90.000
48	319	Strengthening of Institute of Bio-Technology at Bahauddin Zakariya University Multan	Un-Approved	350.000		0.000	0.000

S. No.	PSDP No.	Name of the Project	Approval Status	Approved /Estimated Cost	Cumulative Releases upto June, 2015	PSDP Allocation 2015-16	Releases FY 2015-16
A : Universities/HEC							Rs. in million
49	200	Establishment & Development of The Islamia University of Bahawalpur Sub Campus at Rahim Yar Khan (Revised)	CDWP 30.06.2007 Revised 14.01.2016	726.000	416.694	225.000	225.000
50	250	Strengthening of Existing Departments at Islamia University of Bahawalpur	Approved CDWP on September 23, 2014	858.442	140.000	120.000	120.000
51	251	Strengthening of Faculties of Lahore College for Women University (LCWU), Lahore	Approved by CDWP 06.09.2013	643.514	350.000	80.000	80.000
52	198	Essential Infrastructure for Lahore College for Women University (LCWU), Lahore, Jhang Campus	Approved by CDWP January 27, 2015	836.478	0.000	50.000	50.000
53	185	Capacity Building and Up gradation of Selected Departments at University of the Punjab (Total Cost = Rs. 834.188, PSDP Share= Rs. 771.286 million + Uni Share = Rs. 62.902 million)	Approved CDWP 16.01.2014	771.286	450.000	321.286	321.286
54	314	Strengthening of Academic and Research Programmes at University of the Punjab, Lahore	Un-Approved	800.000		0.000	0.000
55	259	Strengthening of University of Engineering & Technology, Lahore	Approved ECNEC 12.11.2007	5929.000	3410.697	150.000	150.000
56	214	Establishment of University of Engineering & Technology, Lahore sub campus at Narowal (Revised)	Approved by ECNEC on 31.12.2013	2878.521	555.000	1150.000	1150.000
57	302	Provision of New Facilities and Infrastructure for Main Campus at of UET Lahore	Un Approved	560.000	0.000	0.000	0.000
58	295	Innovation Centre and Software Park at UET Sub Campus Lahore	CDWP 20.05.2016	2966.486	0.000	100.000	0.000
59	186	Commencement of 4 Year Undergraduate Programme in Water Resources and Petroleum Engineering at UET Taxila	Approved CDWP 04.05.2015	928.639		275.000	275.000

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A : Universities/HEC							Rs. in million
60	245	Strengthening and Upgradation of University of Engg. & Tech. Taxila and its Sub Campuses (PSDP Share: Rs. 685.307 million+ Uni Share+ Rs. 100.0 million = Rs.785.307 million)	Approved by CDWP on 21.2.2013	685.307	545.000	140.307	140.307
61	197	Enhancement of Research Facilities at University of Veterinary & Animal Sciences (UVAS), Ravi Campus Pattoki	Approved CDWP on January 06, 2015	980.229	200.000	370.000	370.000
62	307	Strengthening & Allied Health Facilities of University of Sargodha	Un-Approved	654.000		0.000	0.000
63	193	Development of New Campus of Government College University, Lahore at Kala Shah Kaku	CDWP 28.04.2015	997.608		250.000	250.000
64	276	Development of New Campus, Govt. College University (GCU), Faisalabad Phase-II	Un-Approved	557.870		0.000	0.000
65	312	Strengthening of Academic and Research Facilities of University of Health Sciences, Lahore	Approved CDWP 31.08.2015	813.171	0.000	25.000	25.000
66	190	Construction of Hostels at King Edward Medical University, Lahore	CDWP 11.04.2014	205.727	50.000	155.727	155.727
67	244	Strengthening and Expansion of the University of Gujrat and Allied Campuses	Approved CDWP 28.04.2015	2988.147	500.000	420.771	420.771
68	215	Establishment of Women University, Multan	ECNEC 19.09.2009	1144.621	580.000	100.000	100.000
69	284	Establishment of Muhammad Nawaz Sharif University of Agriculture, Multan	Un-Approved	654.000	0.000	0.000	0.000
70	318	Strengthening of Infrastructure (Phase-I) at University of Karachi	Un-Approved	870.000		0.000	0.000

S. No.	PSDP No.	Name of the Project	Approval Status	Approved /Estimated Cost	Cumulative Releases upto June, 2015	PSDP Allocation 2015-16	Releases FY 2015-16
A : Universities/HEC							Rs. in million
71	256	Strengthening of Research Programmes at HEJ Research Institute of Chemistry, University of Karachi (PSDP Share = Rs. 518.523 million + Uni Share = Rs. 62.420 million, Total = Rs. 580.943 million)	CDWP 23.09.2014	518.523	40.000	335.000	335.000
72	221	Industrial Linkages - Technology Parks and Technology Incubators, HEJ Research Institute of Chemistry, Karachi University, Karachi (To be revise)	CDWP 12.01.2008	184.000	184.000	0.000	0.000
73	199	Essential Need of Strengthening and Development of MUET, Shaheed Z. A. Bhutto Campus, Khairpur Mir's	Approved by CDWP October 21, 2014	891.668		350.000	350.000
74	315	Strengthening of Academic and Research Programmes at Mehran University of Engineering, Jamshoro	CDWP 08.02.2016	927.148		440.000	440.000
75	187	Commencement of New Engineering Programmes and Infrastructure Development at NED University of Engineering and Technology, Karachi	Approved CDWP 28.04.2015	750.697		550.000	550.000
76	254	Strengthening of NED University of Engineering and Technology, Karachi	Approved 22.10.2007	2193.000	2056.038	136.962	136.962
77	255	Strengthening of Quaid-e-Awam University of Engineering, Science and Technology (QUEST), Nawabshah (PSDP Share Rs. 597.816 million + Uni Share: Rs. 100.0 million= Total Rs. 697.816 million)	CDWP 06.09.2013	597.816	290.000	70.000	70.000
78	247	Strengthening of Academic Facilities at Shah Abdul Latif University, Khairpur	Approved CDWP January 06, 2015	712.607		100.000	100.000

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A : Universities/HEC							Rs. in million
79	261	Strengthening of University of Sindh, Jamshoro	CDWP 21.11.2008	491.601	418.000	73.601	73.601
80	264	Up gradation of Academic Facilities at Sindh Agriculture University Tandojam	Approved by CDWP January 27, 2015	876.093	100.000	150.000	150.000
81	241	Strengthening of Faculty of Oral Health Sciences and Support Facilities at Dow University of Health Sciences, Karachi	Approved CDWP on September 23, 2014	640.209	45.000	150.000	150.000
82	323	Upgradation and Strengthening of Essential Facilities at Sukkur IBA	CDWP	560.000	0.000	315.000	237.271
83	208	Establishment of Shaheed Benazir Bhutto University, Benazirabad, Sindh	ECNEC 09.12.2010	1556.781	417.430	100.000	100.000
84	207	Establishment of Shaheed Mohtarma Benazir Bhutto Medical University Larkana (Prime Minister's Directive)	Approved by CDWP on 14.03.2012	949.747	520.500	200.000	200.000
85	201	Establishment of College of Nursing and Strengthening of Community Medicine Department at Peoples University of Medical and Health Sciences for Women, Nawabshah (Shaheed Benazirabad)	Approved CDWP 27.01.2015	577.288	100.035	150.000	150.000
86	317	Strengthening of Dawood University of Engineering & Technology, Karachi	Un-Approved	450.000		0.000	0.000
87	300	Provision of Academic and Research Facilities Air University Islamabad	Un-Approved	850.450	0.000	0.000	0.000
88	292	Expansion and Upgradation of International Islamic University, Sector H-10, Islamabad	Un-Approved	725.000	0.000	0.000	0.000
89	202	Establishment of COMSATS Institute of Information Technology at Jaffarabad	CDWP 21.03.2012	853.499	5.000	0.000	0.000
90	203	Establishment of COMSATS Institute of Information Technology Campus at Abbotabad	CDWP 16.01.2014	873.417	105.000	150.000	150.000

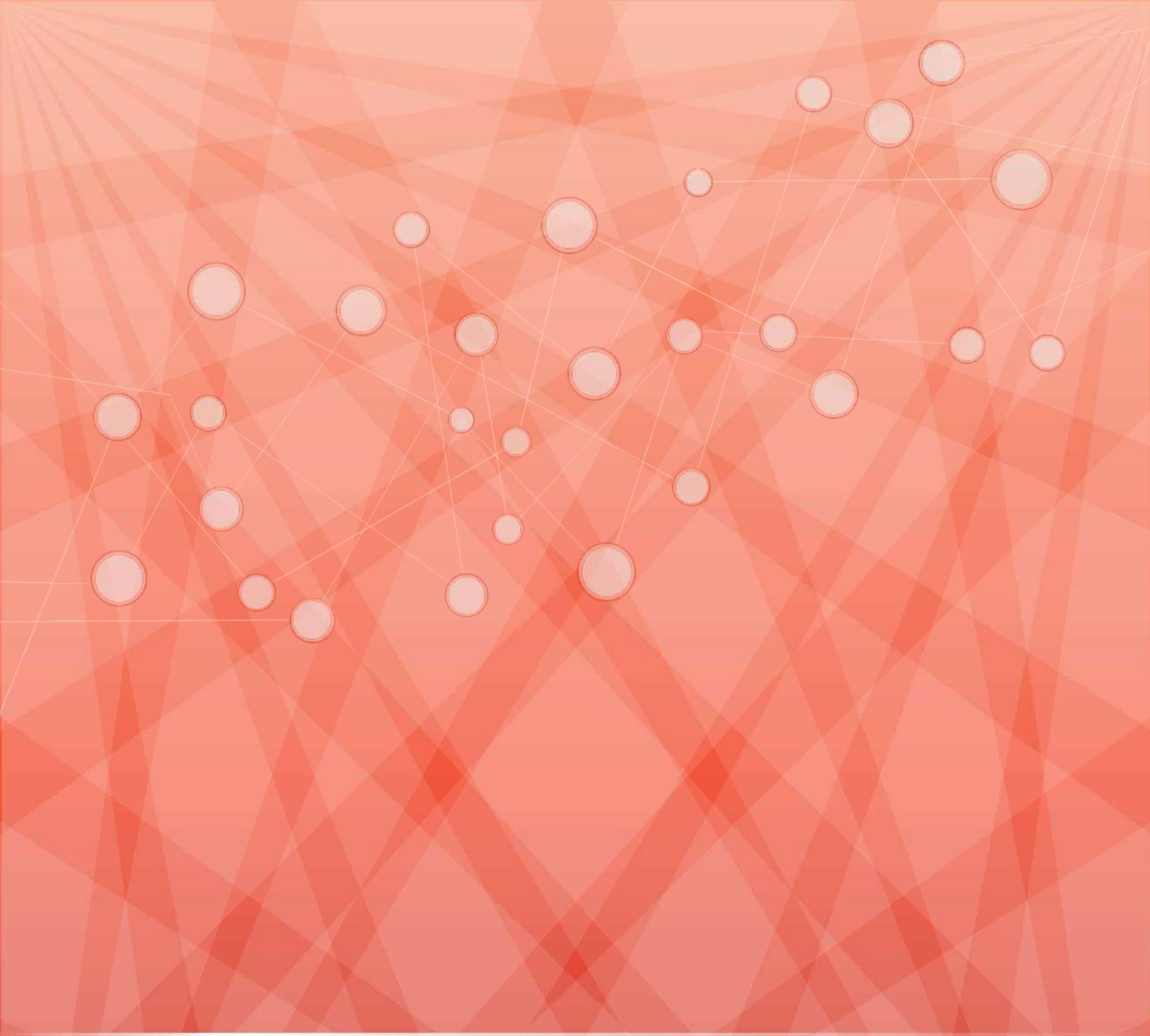
S. No.	PSDP No.	Name of the Project	Approval Status	Approved /Estimated Cost	Cumulative Releases upto June, 2015	PSDP Allocation 2015-16	Releases FY 2015-16
A : Universities/HEC							Rs. in million
91	210	Establishment of the Facility for the Indigenous Development of Percutaneous Transluminal Coronary Angioplasty (PTCA) Baloon Catheters, NUST	DDWP 01.01.2014	32.800		0.000	0.000
92	232	Prime Minister Programme for Development of PhDs in Science & Technology (For On-going Scholars)	ECNEC 06.02.2008	2898.980	150.000	204.201	208.402
93	233	Prime Minister's Gold Medal including Funding for PhD Abroad for overall Best Student of the Year NUST (Islamabad) Revised	DDWP 01.01.2009	33.947	20.073	18.074	13.873
94	285	Establishment of National Science & Technology Park at Central Campus H-12, NUST	Un-Approved	650.000	0.000	0.000	0.000
95	311	Strengthening of Academic & Research Facilities at Pakistan Institute of Engineering & Applied Sciences (PIEAS), Islamabad	CDWP 30.03.2016	1404.595	0.000	295.000	295.000
96	240	Strengthening of Allama Iqbal Open University, Islamabad	Approved CDWP 27.02.2007	389.655	159.000	0.000	0.000
97	217	Expansion Programme of Quaid-e-Azam University, Islamabad (Phase-I)	CDWP 18.06.2012	856.343	536.000	200.000	200.000
98	265	Up gradation and Strengthening of Quaid-e-Azam University, Islamabad (Phase-II) To be revise	CDWP 21.12.2006	485.457	485.457	0.000	0.000
99	278	Enhancement of Academic and Research Facilities at Quaid-e-Azam University, Islamabad	Un-Approved	850.000	0.000	0.000	0.000
100	270	Area Study Centre China & CPEC, Quaid-e-Azam University, Islamabad	Un-Approved	500.000		0.000	0.000
101	206	Establishment of Main Campus of Federal Urdu University of Arts, Science & Technology at Islamabad (PSDP Share: Rs.476.368 million + Uni Share : Rs. 167.940 million = Rs.644.308 million)	CDWP 26.12.2013	476.368	80.000	0.000	0.000

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A : Universities/HEC							Rs. in million
102	279	Enhancement of Facilities, Institute of Space Technology (IST), Islamabad (with IST share of Rs.125.506 m)	CDWP 02.12.2015	1486.477	0.000	275.000	275.000
103	316	Strengthening of Academic and Research Programmes at National University of Modern Languages (NUML), Islamabad	Submitted to CDWP	745.125	0.000	0.000	0.000
104	313	Strengthening of Academic and Research Programme at Bahria University Islamabad/Karachi	CDWP 30.03.2016	1446.000	0.000	220.000	220.000
105	266	Upgradation of Federal Government College for Women F-7/2 to Federal Women University Islamabad	CDWP November 19, 2014	1190.709		100.000	100.000
106	304	School of Dentistry, Shaheed Zulfiqar Ali Bhutto Medical University, Islamabad	CDWP 03.03.2015	1346.196	0.000	200.000	200.000
107	324	Upgradation of National Institute of Science & Technical Education (NISTE) Islamabad into Skill University	Un- Approved	780.000	0.000	0.000	0.000
108	282	Establishment of University of Central Asia and Pakistan (UCAP) Phase-I (HEC)	CDWP 11.02.2016	2839.836		0.000	0.000
109	283	Establishment of FATA University	CDWP 21.12.2015	1592.773	0.000	250.000	250.000
110	204	Establishment of Engineering Faculty at Gilgit and Skardu Campus of Karakoram International University, Gilgit	CDWP March 04, 2015	887.023	150.000	100.000	100.000

S. No.	PSDP No.	Name of the Project	Approval Status	Approved /Estimated Cost	Cumulative Releases upto June, 2015	PSDP Allocation 2015-16	Releases FY 2015-16
A : Universities/HEC							Rs. in million
111	291	Establishment of University of Baltistan	Un-Approved	2000.000	0.000	0.000	0.000
112	263	Strengthening of National Textile University, Faisalabad	CDWP 21.12.2015	1330.271		175.000	175.000
113	182	1000 Cuban Scholarships for Studies in General Comprehensive Medicine (Equivalent to MBBS)	Revised by CDWP 07.04.2011	978.743	936.000	42.743	42.743
114	195	English Language Teaching Reform Project Phase-II, HEC	DDWP 27.01.2010	53.670	45.970	7.700	7.700
115	211	Establishment of Seerat Chairs in Public Sector Universities HEC	CDWP 06.01.2015	192.000	189.981	0.000	0.000
116	219	Human Resource Development Initiative MS Leading to PhD Programme of Faculty Development for Engineering Universities/ UESTPs	Approved CDWP 30.6.07 and ECNEC 19.9.2007	11806.139	2789.302	780.000	780.000
117	220	Indigenous PhD fellowship for 5000 Scholars, HEC (Phase-II)	Approved ECNEC 11.11.2011	9972.593	1270.000	800.000	800.000
118	222	International Linkages of Pakistani Universities with Foreign Universities	Approved CDWP 17.12.2005	308.772	236.930	0.000	0.000
119	224	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 by ECNEC on 11.11.2011	3138.692	70.000	152.943	152.943
120	225	Monitoring and Development of Programmes of HEC Islamabad. Phase-II, HEC	Approved DDWP 04.11.2009	55.658	48.658	7.000	7.000
121	226	Overseas Scholarship for MS/M. Phil leading to Ph.D in selected fields (Phase II) HEC	Approved ECNEC 23.08.2006	14522.350	11057.472	517.000	517.000
122	227	Overseas scholarship scheme for MS/M.Phil/ PhD	Approved ECNEC 07.01.2004	4275.805	3912.297	80.693	80.693

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A : Universities/HEC							
Rs. in million							
123	228	Pak-US Joint Academic & Research Programme Phase-III (Revised)	CDWP 16.01.2009	521.512	326.000	20.000	20.000
124	229	PAK-USAID Merit and Needs Based Scholarship Programme (Phase-II) (PSDP Share: Rs. 577.125 million+ USAID Share+ Rs. 2377.682 million = Rs.2954.808 million)	Approved by ECNEC on 07.10.2013	577.125		215.724	0.000
125	230	PhD Fellowship for 5000 Scholars (Revised)	Approved ECNEC 11.08.2003	6394.537	4997.580	295.000	295.000
126	231	Post-Doctoral Fellowship Programme Phase-II	Approved ECNEC 14.12.2005	1252.300	1202.300	35.000	35.000
127	238	Provision of Higher Education Opportunities for Students of Balochistan and FATA	Approved CDWP 22.10.2007	981.486	698.225	107.000	107.000
128	268	US Need-Based Merit Scholarship for Pakistani University Students Enrolled in Agriculture and Business Administration Study Programmes (USAID) (Revised)	Approved CDWP 03.11.2010	985.505	790.799	55.420	0.000
129	269	Academic and Research Linkages with Different Countries/Agencies under Bilateral Agreements	Un-Approved	860.000		0.000	0.000
130	271	Bridging the Job Market Skill Gap for General Post Graduate Degree Holders	Un-Approved	500.000		0.000	0.000
131	288	Establishment of Sub-Campuses of Public Sector Universities at District Level (Umbrella Project HEC)	Un-Approved	5000.000	0.000	0.000	0.000
132	289	Establishment of Technology Development Fund for HEC Scholars Returning after Completion of PhD to Introduce New Technologies Application in Pakistan	CDWP 29.10.2015	2905.000	0.000	0.000	0.000
133	293	Faculty Development Programme for Pakistani Universities (HEC)	Un-Approved	980.000		0.000	0.000

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A : Universities/HEC							
Rs. in million							
134	294	Fullbright Scholarship Support Programme HEC-USAID (Phase-II) (USAID Share: Rs.9896.548 m; HEC Share: Rs.2676.142 m)	ECNEC 19.12.2015	12567.361	0.000	500.000	500.000
135	296	Overseas Scholarships for MS/MPhil Leading to PhD in selected fields (Phase III)	Un-Approved	2500.000	0.000	0.000	0.000
136	297	Post-Doctoral Fellowship Programme Phase III	Un-Approved	4000.000		0.000	0.000
137	298	Prime Minister merit scholarships for top position holders enroled at Pakistani Universities	Un-Approved	650.000		0.000	0.000
138	301	Provision of Higher Education Opportunities for Students of Balochistan and FATA (Phase -II)	CDWP 29.10.2015	2983.698		5.000	5.000
139	306	Smart Universities: Transformation towards Smart Classrooms	Un-Approved	1200.000		0.000	0.000
140	308	Strengthening & Upgradation of Universities of Backward Area	Un-Approved	1000.000		.000	0.000
141	321	Subsidy to Scholars Abroad under Cultural Exchange Programme Phase-II	CDWP 29.10.2015	709.218	0.000	5.000	5.000
		Foreign Aid					388.450
		Sub Total (A)		208,234.330	52,839.007	20,734.888	20,674.465
B: Special Programme							
		Prime Minister's Laptop Scheme – HEC (Phase-II)	ECNEC April 10, 2015	21335.498		10600.000	10600.000
		Sub-Total (C)		21,335.498	0.000	10,600.000	10,600.000
C: Outside PSDP							
		Award of 3000 Scholarships to Students from Afghanistan under the Prime Minister's Directive Rs. 2504.541 million released by IPC & Rs. 4201.161 million will be released by HEC)	ECNEC 04.10.2015	4201.161	2504.541	1018.746	1018.746
		Sub-Total (C)		4,201.161	2,504.541	1,018.746	1,018.746
		Grant Total (A+B+C)		233,770.989	55,343.548	32,353.634	32,293.211



Monitoring and Evaluation

The Monitoring and Evaluation (M&E) Division of HEC is instrumental for tracking the implementation progress of all developmental interventions in HE Sector of Pakistan under Public Sector Development Programme (PSDP) of Government of Pakistan and other sources. Adequate financial and physical resources have been allocated to enhance the capacity and standards of higher education institutions. A robust M&E system is needed for effective and efficient implementation and successful completion of all the development projects. The M&E Division has been managing the entire development portfolio of higher education sector comprising over 960 projects with a view to capitalise the provided resources. Every project is closely monitored and reviewed on regular basis from start till its completion. Periodic financial reporting, on site visits, desk reviews, video conferencing and exclusive review meetings with the involvement of all stakeholders are the key tools to track the project's performance. The problematic, not-satisfactory or slow moving projects are red-flagged and closely monitored for early resolution of issues necessary remedial.

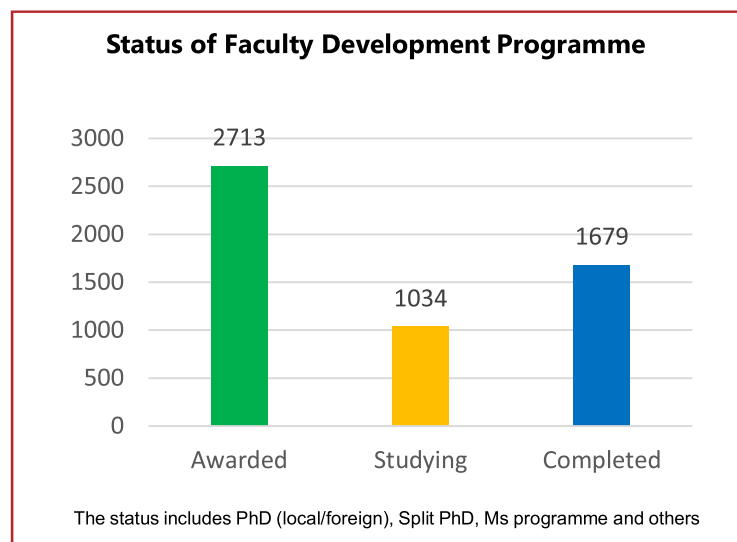
Progress during FY 2015-16

The Government of Pakistan has allocated highest ever funding of Rs. 20.50 billion for PSDP funded development projects during 2015-16. This includes Rs.16.073 billion for 87 ongoing projects and Rs. 4.427 billion for 57 new schemes. During the year 34 new schemes were approved of the total worth Rs.39.167 billion for the higher education sector which includes scholarships, infrastructure development, research laboratory facilities and provision of other necessary facilities to the higher education institutions. The less developed and marginalised segments of the country have been emphasised for provision of higher education facilities in these areas. In total, an amount of Rs.19.682 billion was released during this year. The financial flow of ongoing projects was managed by M&E Division on the basis of physical and financial progress, execution capacity, adherence to the PC-1 provisions and firm activity plans. M&E Division has evolved the mechanism of continuous follow-up and progress review to ensure constant supply of required funds to perform developmental activities uninterrupted. Over 105 review sessions were convened including field visits, video-conferencing, exclusive review sessions at HEC and comprehensive desk review so as to have close watch of the progress of projects.

Moreover, the overall framework of development portfolio has been categorised in four major components viz. Human Resource Development (HRD), Infrastructure Development, Equipment for Teaching and Research and Allied Facilities mandatorily required to upgrade higher education institutions to world learning seats. M&E Division has developed and maintained a comprehensive database management system comprising physical and financial statistics of all focused area of investment funded through PSDP for policy level decision making.

1. Human Resource Development

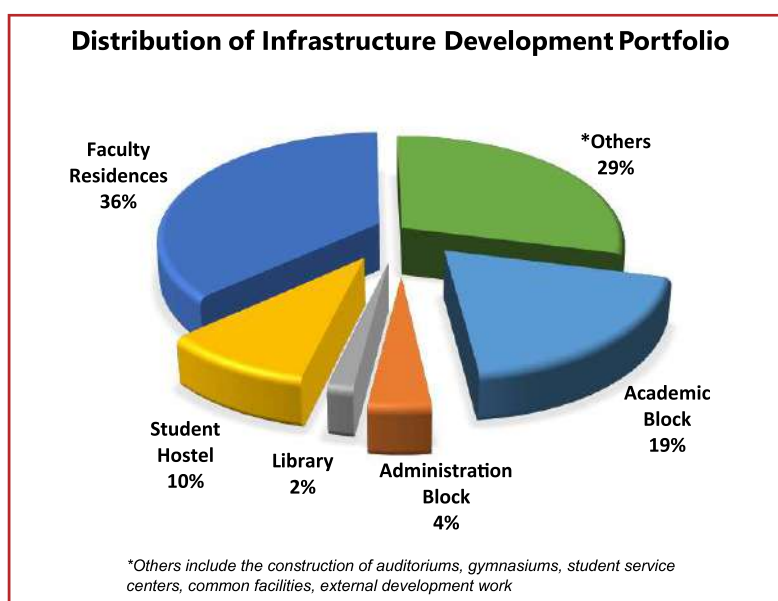
The M&E Division has been contributing to effective execution of Faculty Development Programme (FDP) for the universities under development schemes. During the period, 117 new scholarships were awarded including 106 foreign slots, whereas 119 scholars have completed their PhD studies and joined back respective universities. In addition, 1,034 scholars studying under various projects of the universities have been facilitated in pursuance of their studies by activating the role of University Scholarship Management Committee (USMC). To improve the process, USMC's at each university have been reconstituted and strengthened with HEC representation. The periodic meeting of USMC's has been streamlined in all the executing agencies and 27 meetings were conducted to review progress, to follow-up and to ensure timely completion and joining of the scholars after completing their studies.



2. Infrastructure Development

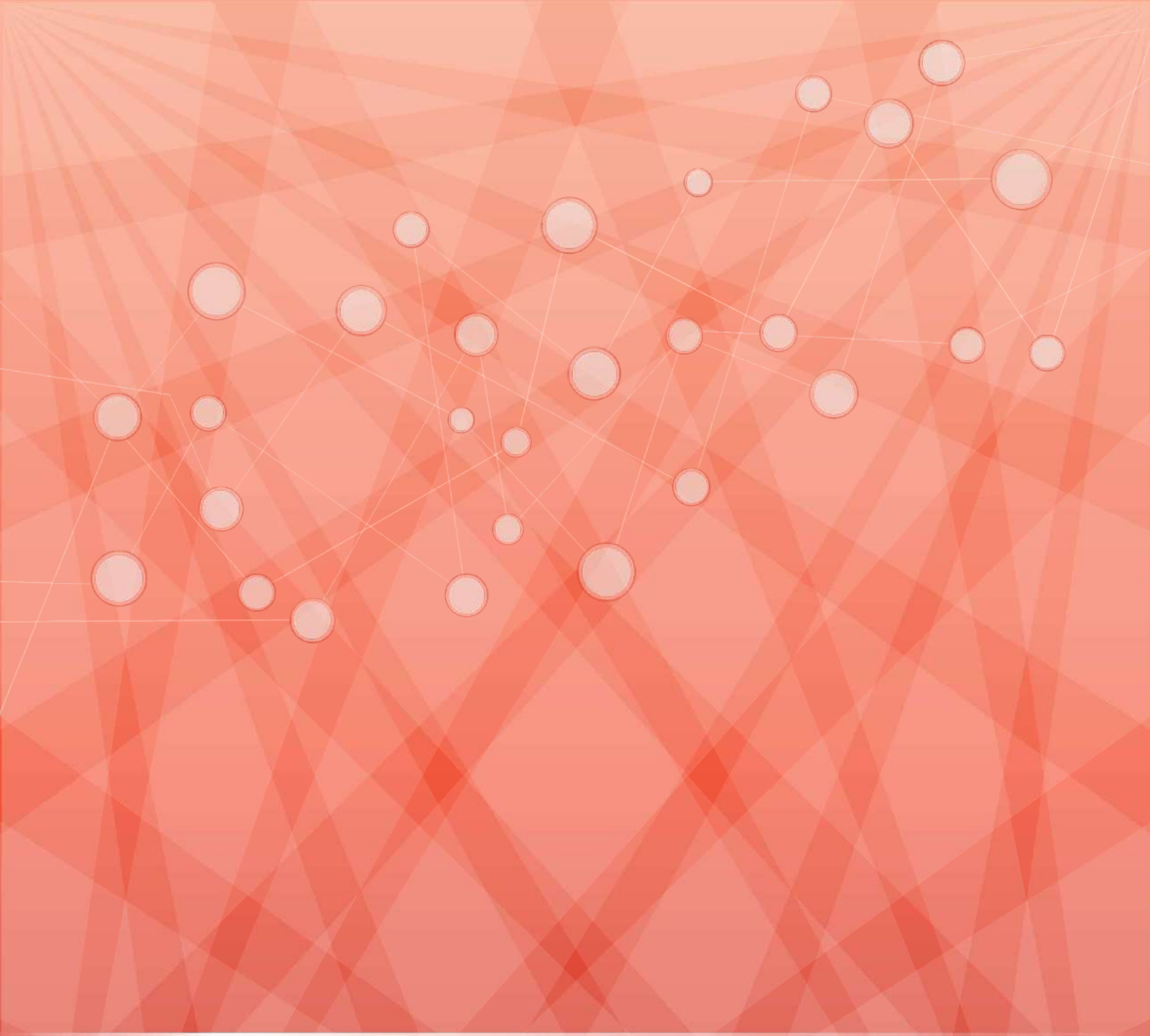
Provision of infrastructure facilities is a basic requirement for strengthening and building of higher education institutions. The enhancement includes the addition of new departments, faculties, research laboratories, administration areas, students and faculty residential facilities, gymnasiums, auditoriums etc. spreading over to 2,483 modules in total so far approved. This also comprises the establishment of new universities and campuses with better facilities required for appropriate teaching and learning environment.

During 2015-16, 1,444 modules having covered area of 25.955 million sq. ft. was available for construction activities. This was a huge and critical task that requires vigorous monitoring with immediate response and corrective mechanism. All the ongoing projects were monitored and necessary actions were taken to improve the execution.



3. Project Completion Report (PC-IV)

The completion of projects within approved scope, cost and time is a challenging and it becomes difficult with irregular/insufficient releases against the project's planned financial phasing and volatile market prices. However, monitoring and evaluation division in close coordination with the executing agencies assured completion of projects in effective manner with minimum extended time span. During 2015-16, project completion reports (PC-IVs) of 82 completed projects were reviewed and submitted to Planning Commission after fulfilment of all pre-requisites and approval of competent authority. The overall project completion and PC-IV submission rate of HEC is very promising as in total the PC-IV's of 767 projects have been submitted to Planning Commission out of 1,011 approved projects so far.



Quality Assurance

The Quality Assurance Agency (QAA) is responsible for ensuring academic quality at higher education institutions (HEIs). It operates as Internal Quality Assurance (IQA) and External Quality Assurance (EQA). The IQA strives to make HEIs capable of conducting assessment of their academic programmes and institutes by themselves and prepare the HEIs for external assessment including Programme Level Reviews and Institute Level Review. The EQA reinforces the objectives of IQA, however, the evaluation is broader. A brief introduction to all the sections of QAA is as under.

1. Internal Quality Assurance (IQA)
2. External Quality Assurance (EQA)
 - i. EQA-Institute Level
 - ii. EQA-Programme Level-Under Graduate
 - iii. EQA-Programme Level-Post Graduate-PhD
 - iv. EQA-Programme Level-Post Graduate MS/MPhil

1. Internal Quality Assurance

IQA section strives to establish fully functional directorates of Quality Assurance in all HEIs of Pakistan and every HEI should have achieved W-level for incorporation of IQA mechanism. The section achieves the objective by administering the activities with respect to establishing new Quality Enhancement Cells (QECs) and IQA mechanism in HEIs.

The objective is reinforced by conducting periodic progress review meetings and performing monitoring visits. The strength of IQA mechanism in an HEI is measured quantitatively on annual basis, by means of a scorecard. The assessment period starts from July 1 of each year and ends on June 30 every year. The assessment is rated in terms of percentage and reflected in terms of four quality levels/grades. The grades are: W, X, Y, Z. The major outcome of a good IQA mechanism is an HEI ready for external evaluations by QAA-HEC (or any 3rd party) as well as by accreditation councils.

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The purpose of establishing the Internal Quality Assurance (IQA) strategy of QAA-HEC was to inculcate a culture in the universities that would be self-evolving and self-assuring the quality of their awarded degrees. An IQA mechanism, incorporated in its true spirit, also helps the universities in conducting its 2nd or 3rd party validation. Although, the initiative was a direct intervention, in view of Pakistan's domestic needs, it was in the right direction.

Establishing Quality Enhancement Cell (QEC) as a separate section in each university with a mandate to look after HEC's operational guidelines is core element of the IQA strategy. However, the administrative control of these cells is under direct supervision of Vice Chancellors of the universities. The operational guidelines have been given in terms of Self-Assessment Manual and a few other

parameters, which are assessed using a quantitative tool called scorecard. The assessment is done annually since assessment year 2013-14, though earlier it was biannual. One financial year is an IQA assessment year which starts from June-July, every year. QAA determines progress of its IQA strategy against certain parameters. Accordingly, the progress of assessment year 2015-16 is as follows:

1.1 Implementing the criteria by means of creating awareness and establishing Quality Enhancement Cells (QEC) at universities

- i. Fifteen additional QECs were established during the assessment year 2015-16. Hence, the total number of QECs, till June 2016 is 162.

1.2 Building capacity of QECs' staff specifically and HEIs' generally with respect to implantation of the developed criteria by means of conducting capacity building workshops

- i. Total Capacity Building Working workshops held till June 2015: 27
- ii. Workshops held during 2015-16 for 162 QECs : 8
- iii. Total Workshops held to date: 35

1.3 Monitoring and evaluating the progress by conducting progress review meetings and biannual/annual assessment

- i. Progress Review Meetings till June 2015: 49
- ii. Progress Review Meetings during 2015-16 for 132 QECs: 6
- iii. Total Progress Review Meetings held to date: 55

Furthermore, quantitative assessment of 138 QECs was also completed. On the basis of results, a descriptive analysis against all the parameters of score cards was also completed for guidance of the stakeholders. The salient indicators are given below:

- i. Number of HEIs undertaken for Quantitative Assessment: 138
- ii. Number of HEIs assessed quantitatively: 128, of which 90 HEIs fall within satisfactory range of W & X. In terms of percentage, it becomes 70%.
- iii. Out of 128, 70 HEIs are conducting mandatory surveys satisfactorily. Percentage-wise, it becomes 55%.
- iv. Out of 128, 96 HEIs are preparing SARs satisfactorily.
- v. 96 out of 128 HEIs are preparing implantation plans satisfactorily.
- vi. Out of 128 HEIs, 69 are taking satisfactory corrective actions.



Progress Review Meeting

- 1.4 Reviewing and updating the IQA criteria and standards in the light of implementation feedback
- i. Review and upgrading of IQA criteria and standards was on agenda, but again lack of staff remained detrimental in achieving the target. However, the procedures for recording and maintaining data with respect to Self-Assessment at HEIs and data flow from HEIs to QAA (HEC) was further upgraded and records maintained accordingly.

All these indicators clearly reflect the achievement of higher bars compared to previous years. The increased progress means, the facilitation towards EQA which is the core function of QAA, would have been increased.

An extended facilitation has been experienced by HEC in result of executing the IQA strategy, however, an external check in terms of External Quality Assurance (EQA) was necessary to reinforce the phenomena and to keep the IQA pace maintained or even enhanced. Unless, a mechanism is reinforced externally, the internal systems tends to become weak or reshape in its own design rather in the direction of the national cause. Therefore, in order to re-ensure the national objectivity, QAA-HEC also conducts external reviews at institute as well as at programme levels.

2. External Quality Assurance (EQA)

The QAA ensures national objectivity of quality education by establishing an External Quality Assurance (EQA) mechanism. In this regard, QAA-HEC terms all those activities which are performed occasionally through the external teams as "External Quality Assurance (EQA)". Unlike IQA's activities, those are performed continuously within a university/HEI, the EQA of an institute is not continuous but is done under a planned external mechanism at both the Institute Level as well as at Programme Level. However, because of the task's wide magnitude, the HEC's Ordinance gives mandate to QAA-HEC to establish Programme Accreditation Councils and delegate this task to them. QAA, itself, undertakes the responsibility of building and enhancing accreditation capacity of these councils.

i. EQA-Institute Level (IPE)

The main objective of this activity is to ensure the conducive ability of a university/HEI in favour of its core functions. This is an umbrella activity that covers evaluation of an HEI from all aspects comprising quality of governance as well as academics. The outcome is certifying the overall performance of an HEI. For the purpose, the section plans and administers the activities with respect to institutions performance evaluation (IPE), periodically (after five-years), against 11 defined standards of IPE. The visits are planned, data is collected from the focused HEIs in the form university portfolio report (UPR), a panel nominated by QAA conducts visit, evaluates the HEI against the defined standards and reports.

ii. EQA-Programme Level-Undergraduate

HEC has a mandate to establish Programme Accreditation Councils and has delegated them the responsibility of accrediting all academic programmes of universities which fall under their scope. Therefore, the objective of this section is to ensure that all the undergraduate level programmes of HEIs are accredited by its respective accreditation councils. For the purpose, the section administers the activities with respect to establishing new accreditation councils, coordinates with the existing councils and assess their performance and build their capacity.

iii. EQA-Programme Level-Postgraduate (PhD and MS/MPhil)

All those post graduate level programmes which do not fall within the scope of accreditation councils are reviewed by HEC, itself. For the purpose, QAA-HEC has two separate sections for PhD and MS/MPhil programmes. These sections work to ensure compliance of HEC's minimum criteria for these programmes and enhance their quality to make them internationally compatible. For the purpose, the sections plan and administer activities with respect to conducting periodic review visits (after 3-year) of all DAIs that are offering postgraduate level programmes, as per the defined review process.

iv. EQA-HEIs Governance and Quality Review Programme

This is a recent initiative of HEC, under the directives of Prime Minister of Pakistan. The objective is to review a university/HEI/or its campus against standards of IPE like quality criteria and guidelines in the fields of institutional establishment, governance, teaching, and research. For the purpose, a comprehensive Performa has been designed and is administered through panel of evaluators on analogy of IPE.

2.1 Programme Accreditation Councils

The 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 and their affiliated colleges.

HEC has established five accreditation councils in the areas of Agriculture, Business, Computing, Teacher and Technology Education for the programmes offered by the universities to standardise the quality. Similarly, two accreditation councils in the area of Life Sciences and Allied Health Sciences are also in progress.

There are nine accreditation councils established under act of parliament 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).

Role/Functions of Accreditation Councils

- Formation of inspection committees for accreditation
- Promotion of quality education in respective fields
- Zero visit of institutions
- To develop guidelines and procedures for programmes and institutions
- To develop guidelines for ensuring "no conflict of interest"
- To facilitate the institutions for getting accreditation
- To conduct region-wise seminars on accreditation process and importance
- To develop programme evaluators' training manual/self-study questionnaire and to develop forms and templates
- To develop and review policies and procedures for accreditation of academic programmes
- To publicise list of accredited programmes

Evaluated Parameters during Accreditation of Degree Programmes

- Overall scope and structure of the programme
- Curricula/syllabi
- The requisite infrastructure

- The faculty
- Level of compatibility with international standards and trends
- Level of Skill Development by the programme
- The student support services
- The laboratory/library (if needed) facilities
- Facilities for student activities and other amenities

HEC Funds Workshops/Trainings for Programme Evaluators

QAA has conducted 13, three-day 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), so far in collaboration with the respective councils at Islamabad. The objective of the workshops is to impart training to maximum 30 selected assessors/evaluators representing different universities across the country to enhance their skill to undertake accreditation inspection according to the set criteria of the respective council.

Details of HEC funded training workshops during the reporting year are as follows:

- NAEAC and NACTE have conducted three-day training workshop from July 29-31, 2015 and August 4-6 2015 respectively. Prof. Dr. Jianxin Zhang, Director Research Sector of Higher Education (RSHE), Research Institute of Higher Education in Yunnan, China was invited by both the councils as a resource person to conduct two separate workshops.

QAA Funds National Conferences

- NACTE organised two-day national conferences on Accreditation of Teacher Education in Pakistan: "Prospectus and Challenges" on 27-28 October 2015 funded by QAA.

Parent Alert of QAA

- QAA publishes a "Parent Alert" bi-annually before start of new admissions in all leading newspapers of Pakistan as a regular activity, advising the parents and students to take admission in those institutions and programmes that are accredited by the respective councils. Similarly, councils also publicised lists of accredited programmes in the leading newspapers for the awareness of the public.

Signing of MoU with Programme Accreditation Councils

- HEC also signed MoU with Pakistan Medical & Dental Council in September 2015. However, presently the mandate of Programme Accreditation Councils is to accredit academic programmes up to graduate levels (16 years education). Therefore, the QAA-HEC, itself undertakes to review all postgraduate level programmes. A detailed report may be seen next:

2.2 MS/MPhil and Equivalent Programme Review

The QAA has the mandate to ensure and enhance the quality of higher education by devising viable strategies. Considering the importance of implementation of EQA Mechanism; QAA-HEC has established accreditation councils for quality assurance of undergraduate qualifications 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 qualifications, almost all the DAIs and their Constituent and Affiliated Institutions have started MS/MPhil and equivalent programmes. Unfortunately, there was no quality assurance mechanism developed for these programmes, as a result these qualifications were being offered and awarded without passing through any EQA Mechanism.

While considering the importance of EQA Mechanism and recognising the gap that most of the MS/MPhil and equivalent degree programmes have not been gone through any external quality assurance system. The QAA, on the directives of Prof. Dr. Mukhtar Ahmed, Chairman HEC has developed the 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 successfully implemented PhD Programme Review Process.

The Review Process of MS/MPhil and equivalent programme of five universities has been completed up to June 2016 on the basis of data provided by DAIs, in which 48 MS/MPhil and equivalent programmes were reviewed by the MS/MPhil and equivalent Programme Review Committees. The Committee has recommended to stop further intake in 25 programmes for non-adherence of minimum quality criteria defined by HEC.

2.3 PhD Programme Review

To ensure the quality of doctorate level education, HEC took the initiative of starting PhD Progress Review Process. 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, the 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 review process of PhD programme of 12 universities has been completed up to June 2015 on the basis of data provided by DAIs, in which 113 PhD Programmes reviewed by the PhD Programme Review Committee. The PhD Programme Review Committee has recommended stopping further intake in 34 PhD programmes. The programmes that were not meeting the minimum criteria laid down by HEC. In order to examine the steps taken by DAIs in compliance with review committees recommendations, the Committees have revisited four DAIs and after verifying the corrective measures taken by these DAIs, the committee recommended to allow further intake in seven

programmes. Some of the other DAIs have also improved their programmes while complying with the recommendations of PhD Programme Review Committees.

An excellent internal quality assurance mechanism cannot ensure the desired standards of quality education unless reinforced externally under a planned mechanism. The Institutional Performance Evaluation is that reinforcing function which is performed by QAA-HEC. It is an umbrella activity that assures the ability of a university/HEI in favour of its core functions.

2.4 Institutional Performance Evaluation (IPE)

HEC has taken a significant initiative of performance based institutional recognition and started with primary step of outlining the Performance Evaluation Standards for 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. The standards are:

- 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

Quality has remained at the top of the agenda in all HEC Medium Term Development Frameworks. The goal has 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.

During this financial year, QAA evaluated 5 HEIs. Besides these IPE review visits, several review visits of HEIs have been made during this financial year in order to review the governance and quality system and structure of these institutions as part of the IPE.

2.5 Institutional Performance Evaluation (IPE)

The title of the programme is 'HEIs and Campuses' Governance and Quality Review Programme'.

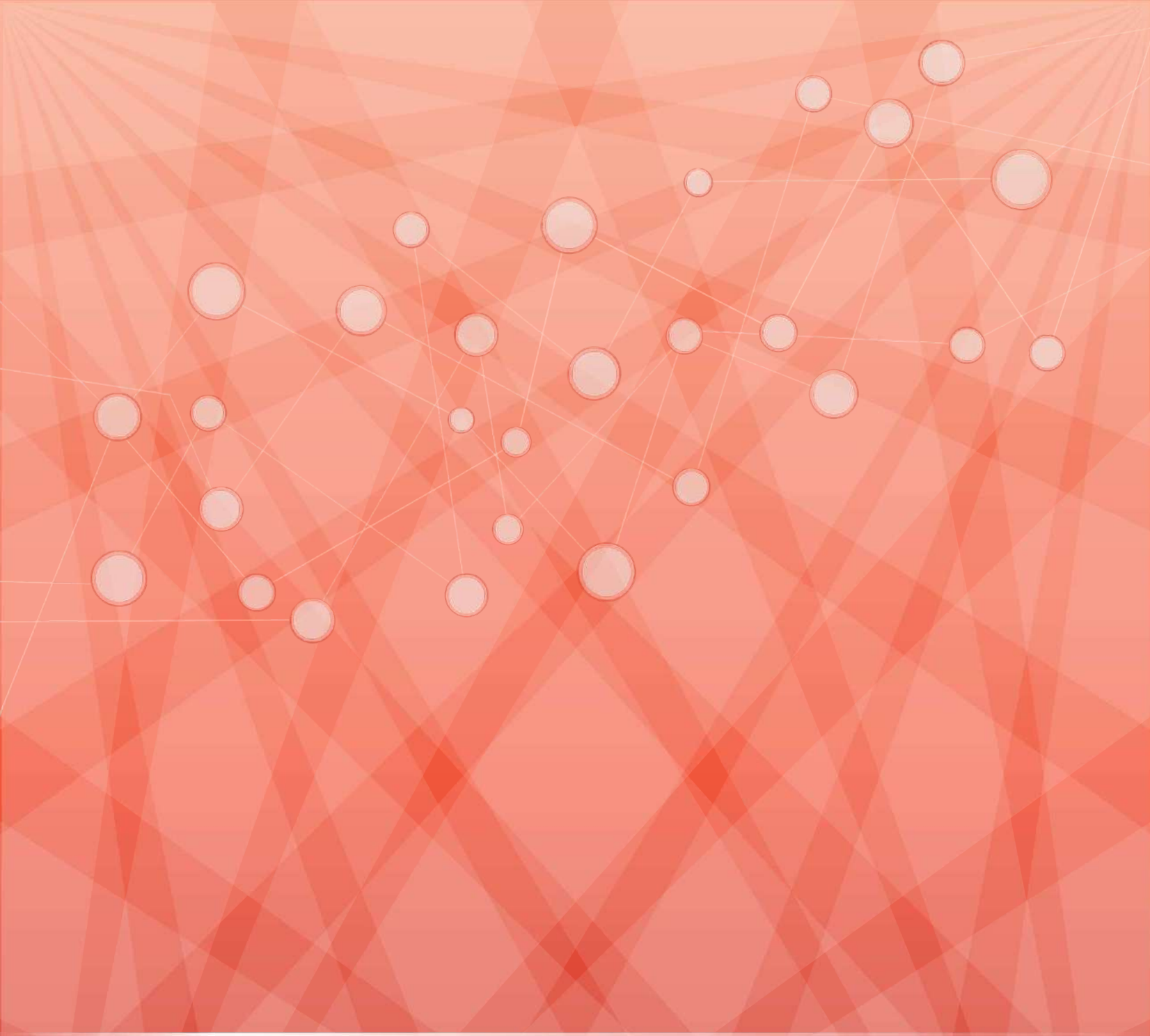
HEC is striving for provision of quality education across the country and has devised criteria and guidelines for the purpose. One of such key initiatives that has been taken recently by HEC is to review the implementation of the HEC's quality criteria and guidelines in the fields of institutional establishment, governance, teaching, and research in the HEIs and their recognised campuses across the country.

Under this initiative, the QAA has convened a brainstorming session with the expert academicians on November 12, 2015, where the parameters had been finalised. Accordingly comprehensive checklist was prepared for both HEIs review as well as campuses review. The HEC has recently completed the process through sending panel of Experts to the universities and their campuses across Pakistan.

The core objective of this initiative is to sensitise the HEIs and the campuses to take initiatives towards improving governance and enhancing quality with regard to teaching, research and student experiences in their respective institutions.

All the review processes were completed within stipulated time frame and the findings of the panel of experts have been shared with the respective universities for compliance:

- Number of Universities Reviewed during Review Visits: About 171 recognised universities (96 public sector institutions and 75 institutions from private sector).



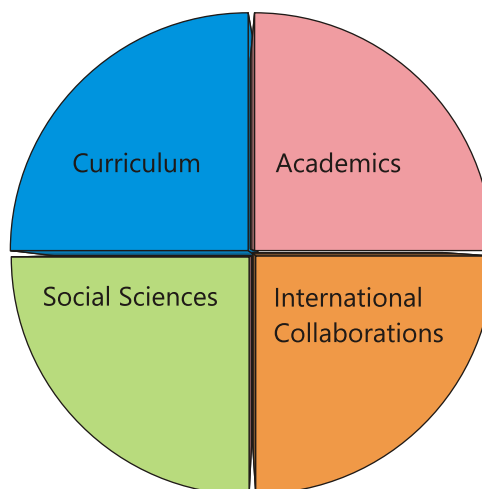
Academics

Academics Division serves the role of a primary coordinating unit for the discourse of academic programmes and academic support operations. The Division is responsible for the development and continuous revision of curricula of all subjects offered at different levels of tertiary education covered under National Qualification Framework. It works for uniform implementation of semester system guidelines across all universities and affiliated colleges involved in the capacity building of college Principals/Nice-Principals etc. Academics Division offers institutional strengthening grants to universities for upgradation of their laboratories and libraries. It upgrades national journals of Social Sciences and implements policy on Social Sciences, Arts/Humanities and Management Sciences regarding faculty appointment, evaluation, promotion, and tenure on the basis of research publications.

Major Stakeholders



The Division also assists researchers and academicians in bridging the gap between academia and R&D sector of the country with the help of its four major components.



Activities and Programmes Offered:

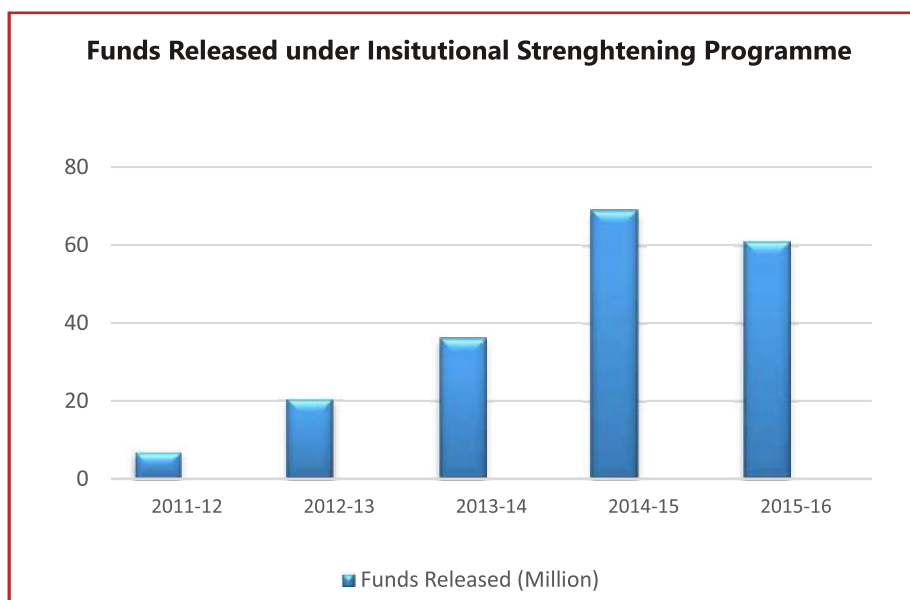
Programmes/Tasks	
Academics Section	Institutional Strengthening/Upgradation of Laboratories and Libraries Standardisation of Examination System in HEIs through National Committee on Examination System (NCES) NOC for Foreign Students Studying in Pakistan Admission of Foreign students in MBBS, BDS, Engineering and Pharm-D Presidential and Civil Awards Nominations Best University Teacher Awards Inter-University Declamation Contest Coordination with different National Organisations for organising activities like NAB; Ministry of Planning, and Ministry of Education etc.
Curriculum Section	Curriculum Development and Revision Vetting of curricula of University programmes Introduction of new Programmes NOCs for Graduate Programmes Adoption & Implementation of Curricula Supporting A&A Division in Relevancy & Equivalence of Degrees
Social Sciences Section	Recognition, funding & upgradation of Research Journals Establishment of Social Sciences Council of Pakistan Workshops for Editors and PhD students Thematic Research Grants Programme Evaluation of Books Annual Social Sciences Conference Verification of National & International Research Publications
International Collaboration Section	International Collaborations, MoU's, Treaties, Pacts, Protocols Centres of Excellence, Area Study Centres, Pakistan Study Centres and Shaikh laid Islamic Centres Nominations for foreign funded trainings Coordinating all SAARC activities related to HE Sector

1. Institutional Strengthening and Upgradation of Laboratories and Libraries

The Institutional Strengthening Programme started in 2004-05 with small budget allocation for upgradation of existing laboratories and libraries. It is one of the HECs schemes which supports the existing laboratories and libraries of recognised public sector universities/degree awarding institutions and campuses by helping them purchase scientific equipment and books for research work. The objective of this programme is to support a higher education institution by giving grants of maximum Rs. 3 million to upgrade its existing laboratories and libraries.

A total of 36 proposals worth Rs. 61 million were awarded to different universities/DAIs, during the year 2015-16. An overview of the proposals funded during the course of last five years is as follows:

Year	Funds Released (Rs. in Million)	Proposals Approved
2011-12	7.24	11
2012-13	20.55	23
2013-14	36.26	41
2014-15	69.00	40
2015-16	61.00	36



2. Presidential/Civil Awards

Every year, on August 14, President of Pakistan confers Civil Awards on distinction holders in various fields including education, science and technology etc. HEC coordinates the nominations from all public and private sector universities/DAIs under following categories:

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

In 2015-16, HEC recommended 20 academicians for various Civil Awards on the basis of their academic distinction which includes research achievement or outstanding performance in medicine, science, engineering, philosophy, history, literature or the arts.

3. Best University Teacher Awards

To recognise the contributions of university teachers, HEC offers "Best University Teachers Award" as an annual activity under which outstanding university teachers are awarded a cash prize of Rs. 100,000 each and a certificate for this remarkable contribution to the fields of teaching and research.

In the year 2015-16, HEC conferred 40 awards to teachers from public and private sector universities.



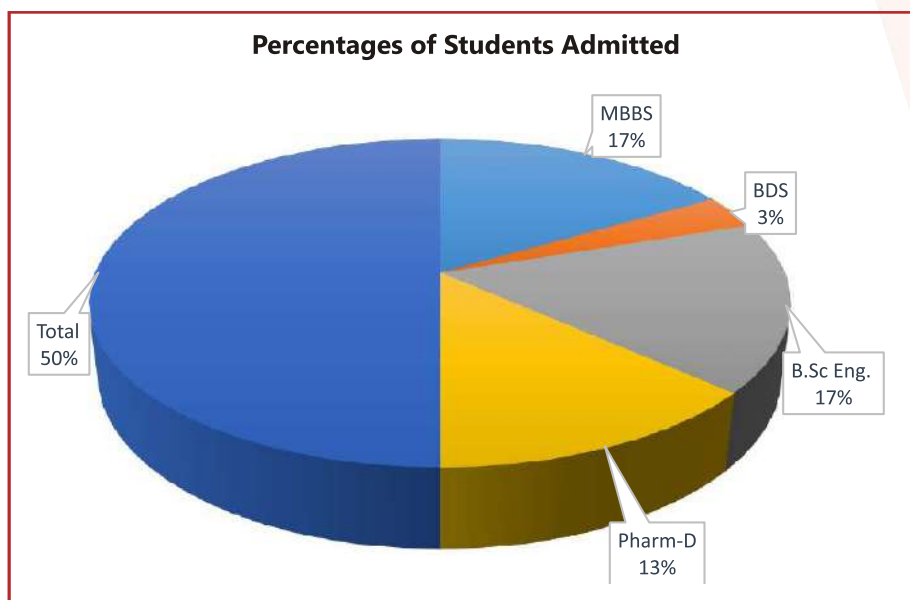
Best University Teacher Awards Recipients

4. Foreign Students Admission

Academics Division encourages and facilitates admissions of foreign students as well as Pakistani origin dual nationality holders settled abroad in universities/DAs of Pakistan. HEC is processing admissions of foreign students in two streams:

4.1 Admission of Foreigners/Dual National Pakistan-origin Students under Self-Finance Scheme

HEC 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 2015-16, about 284 applications were received against 254 seats available, out of which 102 applicants were recommended for admission.



4.2 Admission of Foreign Students (General Stream)

Under the General Stream, foreign students apply for admission directly in the desired universities/institutions. HEC issues NOC and endorses the admission in order to confirm the authenticity of university institution and to facilitate the foreign students in getting study visa. Over 1700 NOCs were issued to foreign nationals under General Stream during 2015-16.

5. All Pakistan Inter-University Declamation Contest for Award of "Allama Iqbal Shield"

On May 26, 2016, final round of 18th All Pakistan InterUniversity Declamation Contest was held. Engr. Muhammad Baligh-ur-Rehman, the then State Minister for Federal Education and Professional Training was chief guest of the event. He distributed cash prizes of Rs.100,000, Rs.75,000 and Rs.50,000 respectively among the top three scorers of both Urdu and English contests.



Group Photo of all Contestants with the Chief Guest

6. National Speech Competition Celebrating 50th Anniversary of September 6, 1965 War

To celebrate 50th Anniversary of September 6, 1965, HEC organised National Speech Competition on September 11, 2015 at Pak-China Friendship Centre, Islamabad.

The event was imperative to celebrate the anniversary with a view to commemorate the unprecedented bravery of our martyrs who laid their lives for defense of the motherland. The President of Islamic Republic of Pakistan was the chief guest on this occasion. The theme for the competition was:

"One Nation-One Destination- set to Regain its Rightful Place in the Comity of Nations".

ایک قوم ایک منزل – اقوام عالم میں باوقار مقام کے حصول کے لیے تیار



7. National Committee on Examination

HEC constituted National Committee on Examination System (NCES) in 2003 to review the examination system prevailing in HEIs of Pakistan. Keeping in view the shortfall of practices of examination system as well as diverse forms of semester systems implemented at the universities of Pakistan, NCES proposed set of guidelines for improvement of semester examinations system. These Semester System Examination Policy Guidelines were reviewed and revised, considering the concerns of stakeholders. Academics Division conducted orientation workshops for dissemination of the policy guidelines for examination staff as well as for senior faculty members in six regions i.e. Islamabad, Lahore, Karachi, Kohat, AJK and Quetta.



Certificate Distribution Ceremony of Orientation Workshop at University of Karachi

S. No.	Regions	University	No. of Participants Trained
1	Punjab	University of Education, Lahore	31
2	Sindh	University of Karachi	33
3	Khyber Pakhtunkhwa	Kohat University of Science and Technology, Kohat	35
4	Balochistan	University of Balochistan, Quetta	28
5	Federal Capital	Allama Iqbal Open University, Islamabad	29
6	Azad Jammu and Kashmir	Mirpur University of Science and Technology, AJK	34
Total			190

Curriculum Division

1. Curriculum Revision and Implementation

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 entitled "Supervision of Curricula and Textbooks and Maintenance of Standard of Education". With the repeal of UGC Act, the same function was assigned to the Higher Education Commission (HEC) under its Ordinance of 2002, Section 10, Sub-Section 1 (v).

During the year 2015-16, 17 curricula of various disciplines were revised/developed by the respective National Curriculum Revision Committees (NCRC).

List of subjects revised during FY-2015-16:

S. No.	Subject
1.	Anthropology
2.	Archaeology
3.	Bachelor of Technology
4.	Chemical Engineering
5.	Criminology
6.	Doctor of Physical Therapy
7.	Fresh Water Biology
8.	Home Economics
9.	Human Nutrition & Dietetics
10.	Marine Science
11.	Mechatronics Engineering
12.	Molecular Biology
13.	Peace & Conflicts Studies
14.	Public Health
15.	Punjabi
16.	Sindhi
17.	Special Education

2. 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's mandate. Purposefully developed questionnaire is used to collect the data about implementation status of each curriculum which is distributed along with printed curricula. During the year 2015-16, about 17 curricula were circulated among more than 150 private/public sector universities/DAIs for adoption and implementation.

Subjects Revised (during FY-2015-16)

S. No.	Subject
1.	Anthropology
2.	Archaeology
3.	B. Tech
4.	Chemical Engineering
5.	Criminology
6.	Doctor of Physical Therapy
7.	Fresh Water Biology
8.	Home Economics
9.	Human Nutrition & Dietetics
10.	Marine Science
11.	Mechatronics Engineering
12.	Molecular Biology
13.	Peace & Conflicts Studies
14.	Public Health
15.	Punjabi
16.	Sindhi
17.	Special Education



Library and Information Sciences NCRC



Electronic Engineering NCRC



Social Work NCRC

Social Sciences Section

Social Sciences Section was established in 2005-06 under the aegis of Academics Division, HEC. The section was entrusted 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 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 to carry out meaningful research for national benefit. A snapshot of the initiatives is presented as under:

1. Recognition of Research Journals (Social Sciences, Arts, Humanities and Business Education)

The Social Sciences Section is responsible for providing a springboard for promotion of Social Science research journals across the disciplines of Social Sciences, Arts and Humanities and Business Education. This section deals with cases relating to evaluation, recognition, funding and upgradation of research journals. A total of 18 National Research Journals have been recognised in the year 2015-16.

2. Workshops for Editors of HEC Recognised Research Journals

To enhance quality of research journals and to introduce modern research trends and methodologies in editing, workshops for the editors of research journals of Social Sciences are organised as an annual activit. Durin the ear 2015-16, three workshops were organised.



Editors Workshop Participants with Mr. Raza Chohan, DG Academics

3. 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. In the year 2015-16, 340 cases of faculty members in the field of Social Sciences, Arts and Humanities and Business Education from around the country have been verified.

4. Evaluation of Books

Every year, HEC Academics Division receives a large number of books 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. A total of 380 cases relating to books evaluation were decided and equivalence was issued in the year 2015-16.

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

Individual cases for verification of research publication 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 many as 87 cases have been evaluated and decided in the reporting year.

6. Annual Social Sciences Conference

An International Social Science Conference was organised during the year 2015-2016 with an aim to promote research culture in Pakistan.



Group Photo of International Science Conference Presenters

7. Thematic Research Grant Programme

Thematic Research Grant Programme (TRGP) was initiated through Social Sciences & Humanities Research Council of Pakistan, HEC in 2009 to address contemporary issues of the country. Seasoned scholars from academia having an enriched research background, apply for these grants under various themes pertaining to Social Sciences & 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 instalments. A total of 44 projects were awarded during the year of 2015-16.



Meeting of Thematic Research Grant Programme Grant in Progress

8. National Symposium/Showcasing Seminars on Thematic Research in Social Sciences

Two national symposium/showcasing seminars based on completed thematic research projects were organised in 2015-16 at HEC, Islamabad. Eighteen researchers shared findings of their respective research projects with policy-makers and academicians.



HEC Chairman Addressing Participants of the Symposium

International Collaboration Section

1. MoUs/Agreements

The Government of Pakistan has signed various pacts, protocols, agreements and MoUs with different foreign countries for bilateral cooperation. International Collaboration Section processes these international bindings with respect to higher education and communicates with concerned divisions/ministries on the matters. Besides this, HEC promotes linkages of Pakistani universities/DAs with foreign counterparts. The IC Section reviews and processes draft MoUs/agreements for approvals/vetting from various concerned Ministries. Furthermore, this section furnishes proposals relating to higher education on occasions when VVIPs like the President, Prime Minister, and Ministers as well as other Government functionaries pay visit to foreign countries or any foreign delegation visits Pakistan.

2. Meetings at Different Ministries/Divisions

HEC nominates representatives of the meetings which take place in Ministry of Federal Education and Professional Training, Economic Affairs Division, Ministry of Foreign Affairs and Ministry of Inter-Provincial Coordination. Inter-ministerial meetings (IMM) are held in Economic Affairs Division and Ministry of Foreign Affairs etc. for development of agenda for various sessions of JMCs and JECs or prior to VVIP overseas visits from abroad to Pakistan. Implementation status on the minutes of various meetings are reviewed in Joint Ministerial Committee (JMC) and Joint Economic Council (JEC) of various countries and new decisions are taken at high level. The relevant decisions are then followed up by this IC Section. HEC views and comments on drafts/MoUs/agreements/minutes of different meetings furnished by various ministries/divisions are processed by this section.

The report for the year 2015-2016 is as under:

S. No.	Particulars	No. of.Cases
1.	Processing of MoUs/Agreements	30
2.	JMCs/JECs followed up with HEIs and various divisions	08
3.	MoUs signed with National Commission for Human Rights (NCHR) and Law and Justice Commission of Pakistan; Security Exchange Commission of Pakistan (SECP)	03
4.	MOU signed with the Council of Higher Education Turkey	01
5.	Inter-Ministerial Meetings attended at EAD/MoFA	18
6.	Expert meeting attended and JMC, JEC, IMM were duly represented on said forum	02
7.	Miscellaneous Cases	-



MoU Signing Ceremony with Security Exchange Commission of Pakistan at HEC Islamabad



MoU Signing Ceremony with National Commission for Human Rights at HEC Islamabad



MoU Signing Ceremony with Law and Justice Commission of Pakistan at HEC Islamabad

3. Foreign Delegations

During the year 2015-16, delegates from following friendly countries visited HEC for enhancing cooperation and bilateral ties. Also, some of the foreign delegations visited various Pakistani Universities. Turkey, China, Gambia, Iran, Afghanistan, Azerbaijan, Kyrgyzstan, Morocco, Maldives, Belarus, and Bosnia.



MoU Signing Ceremony between HEC and Council of HE Turkey



Moroccan Delegation during their visit to HEC Islamabad



Delegation from Maldives meets Chairman HEC in his office



Chinese Delegation's visit to HEC Islamabad

4. SAARC Activities

South Asian Association for Regional Cooperation (SAARC) countries have been cooperating for the development of various dimensions of human resource since 1982, however, they decided to include education in the agreed areas of cooperation in 1988. To serve the purpose, a Technical Committee on Human Resource Development at various levels was formed. This committee was finally reconstituted at the 12th SAARC Summit held at Islamabad in January 2004 to deal with matters pertaining to education, skill development, arts, culture and sports.

Academics Division coordinates the implementation of the initiatives, resolutions and decisions taken at various SAARC forums relating to the Higher Education of Pakistan. To achieve the targets, Academics Division collaborates with the SAARC Secretariats through Ministry of Foreign Affairs, Government of Pakistan. In this connection, Higher Education Commission organised 10th meeting of the Committee of heads of University Grants Commission/Equivalent Bodies at Islamabad on June 15-16, 2015, which was attended by all SAARC member states.

HEC through Academics Division is also responsible for nomination/participation in various statutory bodies of South Asian University like Boards of Governors, Executive Council and Convocation etc.



Opening Ceremony of 10th Meeting of the Committee of Heads of University Grants Commissions in Islamabad



Concluding Ceremony of 10th Meeting of the Committee of Heads of University Grants Commissions

5. Centres of Excellence, Area/Pakistan Study Centres/ Sheikh Zayed Islamic Centres

Academics Division is also responsible for managing the affairs of various Centres of Excellence, Area/Pakistan Study Centres/Sheikh Zayed Islamic Centres working under universities in the country. Academics Division nominate various experts/members of different statutory bodies of these centres like Board of Governors, Selection Boards, and Subject Experts for Board of Governors etc. Some miscellaneous routine matters were also disposed of. They include a few court cases.

S. No.	Particulars	No. of Cases Processed
1.	Nominations made	43
2.	Board of Governors Meetings	25
3.	Selection Boards	06
4.	Expert Nominations	10



Information Technology

Information and Communication Technology (ICT) has proven track record of contributing to the economic development of many countries. ICT is transforming every aspect of 21st century. Manufacturing of information products (computers, e-books, multimedia devices and software) and the delivery of information services (financial services, utilities, telecast services, education) are the prime places for development.

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

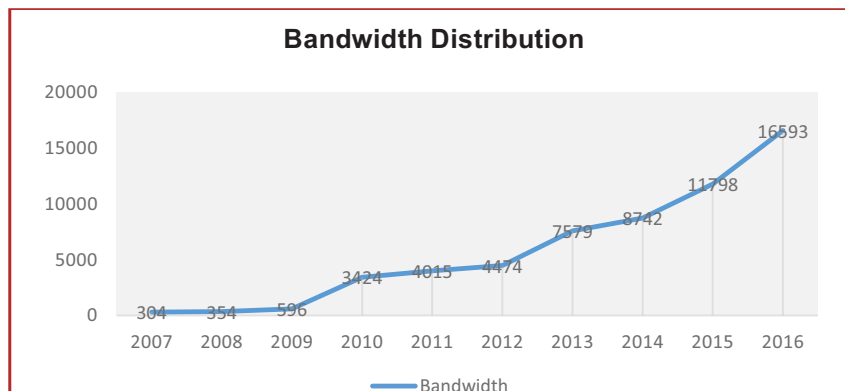
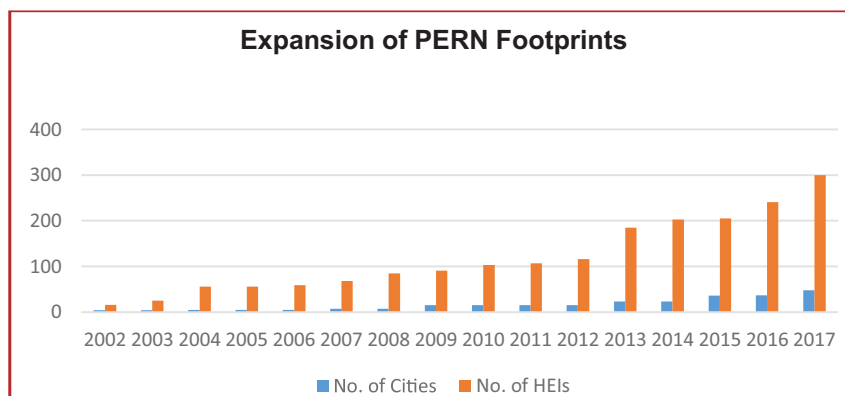
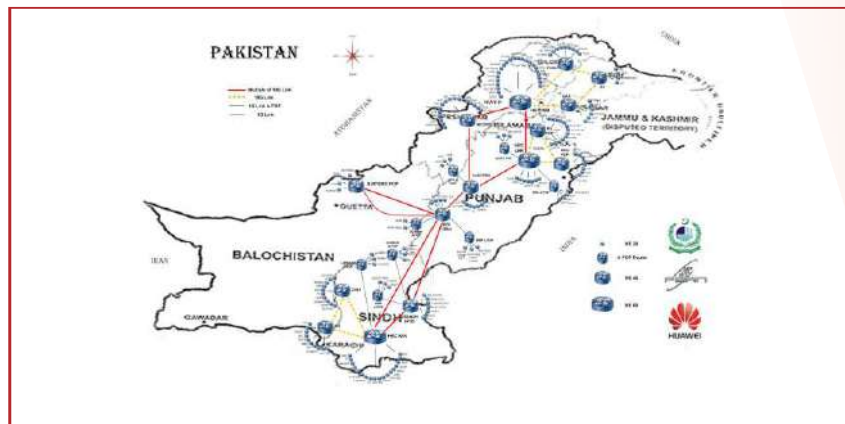
HEC's Vision 2025 aims to ensure a comprehensive ICT plan for implementation so as to develop a knowledge based society in Pakistan while providing means and resources to higher education institutions for strengthening computing and telecommunication infrastructure.

There have been significant developments and enhancements in various services offered by HEC to the higher education institutions across Pakistan. Pakistan Education and Research Network (PERN), being at the forefront, has expanded its footprints across the country and grown bigger and better to provide higher speed connectivity to higher education institutions. The bandwidth growth is significant, whereas, core network service availability has surpassed the 99.9% mark. 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. Videoconferencing, being one of the applications of PERN, has been a true enabler to the students and researchers of higher education. Interactive lectures, workshops, seminars and other interactive sessions have been organised under the Virtual Education Project while the lectures of imminent scholars are being organised from different countries across the world.

Helping universities with technology upgrades has been a significant achievement whereby desktop computers and servers are upgraded with the latest operating systems and software. Other technological advancements witnessed the introduction of virtual desktop interface as a cloud application and SaaS based unified communication services to the higher education institutions. The online services of degree attestation and equivalency services, online scholarship services and HEIs ranking offered by HEC underwent major developments in the past years to provide feature rich experience to the public seeking various services from HEC.

1. Pakistan Education and Research Network

Since its inception, Pakistan Education and Research Network (PERN) has been offering a reliable, stable state-of-the-art communication network for research and collaboration in areas like grid computing, high energy physics, telemedicine, and videoconferencing. These network-based services are not only available within the country but are also helpful in the research and education connectivity with 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.



1.1 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 one gigabyte per second. A large number of students and researchers are using this data for educational and research purposes.

1.2 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.



1.3 Eduroam

PERN has successfully deployed eduroam. Eduroam is an international wireless internet access service developed for the research and education community in six universities where total 4,750 users can access smart university. This service has been tested and made operational at foreign universities as well.



Eduroam allows students, researchers and staff from participating institutions to access content, services and researches within Pakistan and abroad.

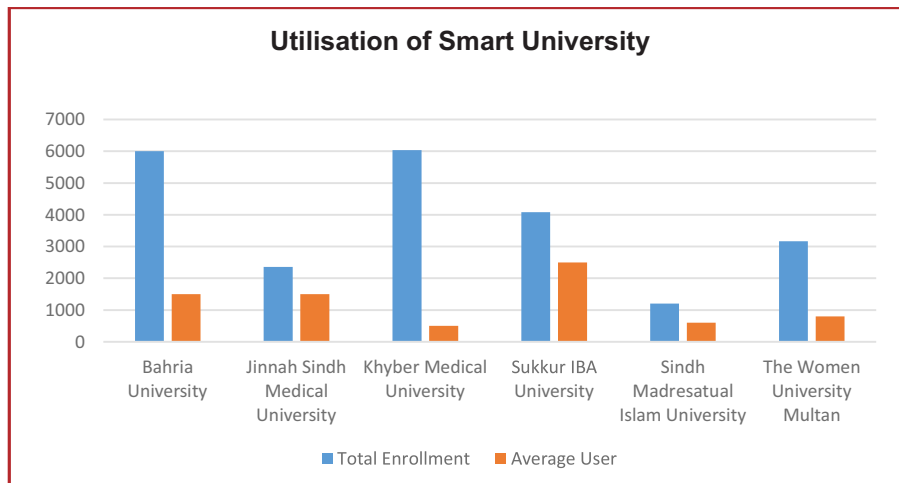
1.4 College Network of Pakistan

The degree and postgraduate colleges operating under higher education departments of provincial governments have been provided high speed network connectivity 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 Punjab to uplift the quality of education. The network connectivity will be extended to other colleges across the province in near future. HEC is providing services on highly subsidised rates especially designed for colleges.

2. Smart Education through Smart Universities

2.1 Transformation of Smart Universities

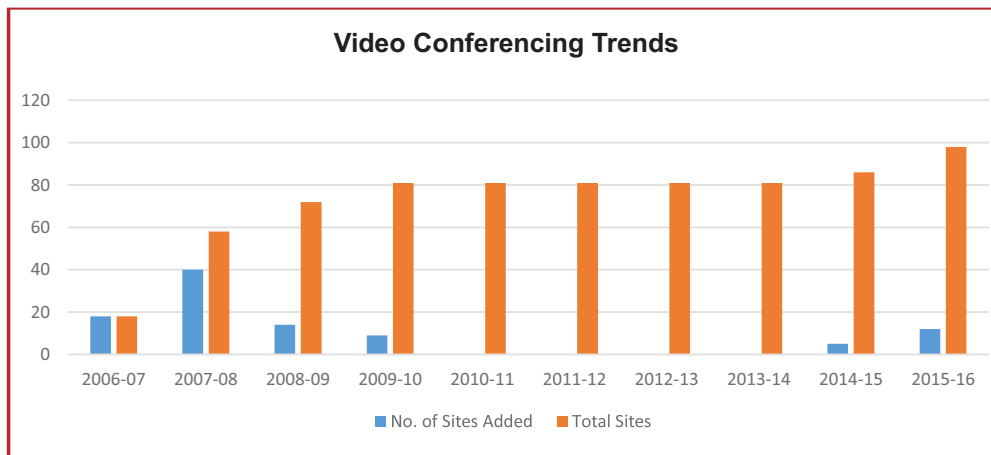
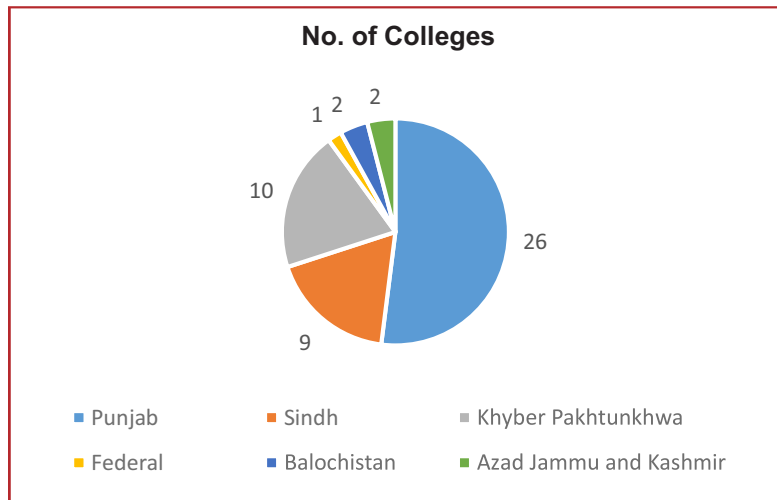
HEC intends to transform all public sector HEIs into Smart Universities by augmenting a highly conducive, technologically advanced, and cost-effective learning environment. As main component, initially university/institutions campuses will be equipped with blanket Wi-Fi coverage. It will provide easy and wide access of contents available on PERN and beyond. HEC through its selected bidder will deploy and configure Access Points (both indoor and outdoor), Active and Passive Network (switch, bridges and cabling) as deemed required, Power Backup Units (UPSs) for 24x7 services and monitoring/management (both centralised and HEIs based) of deployed/configured network using NMS and wireless controllers. The project was started in 2015-16 and so far six universities have been transformed into Smart Universities. The universities include:



3. National Videoconferencing Network

HEC, while supporting the mandate to develop e-Academia, established the national videoconferencing network for higher education sector and provided world-class purpose-built video conferencing facility at all the public sector universities across Pakistan.

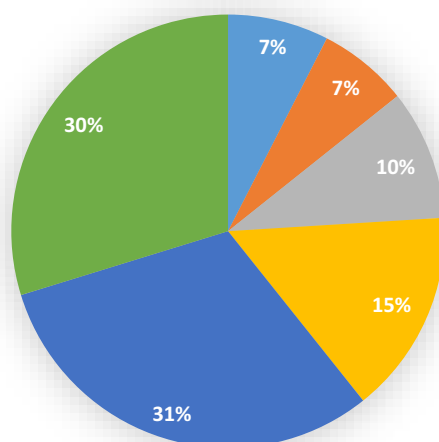
Videoconferencing has proven to be a cost-effective solution to higher education in Pakistan. It has emerged as an effective tool to enhance student-teacher interactions to bridge the gap of good faculty, and to meet the shortage of faculty members at the universities located at far-flung areas.



4. 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. HEC has sought assistance from Hussain Ebrahim Jamal Institute (HEJ) International Centre of Chemistry and Biological Sciences and University of Karachi to execute the Virtual Education Project, Pakistan.

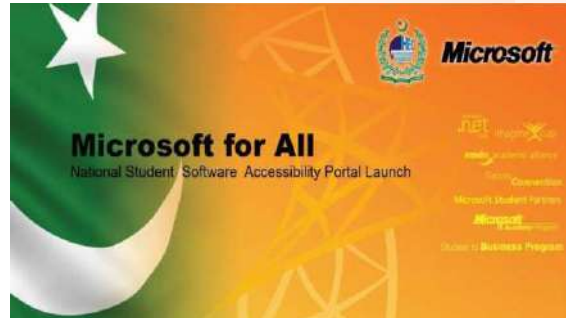
Discipline-wise Lectures Delivered in Year 2015-16



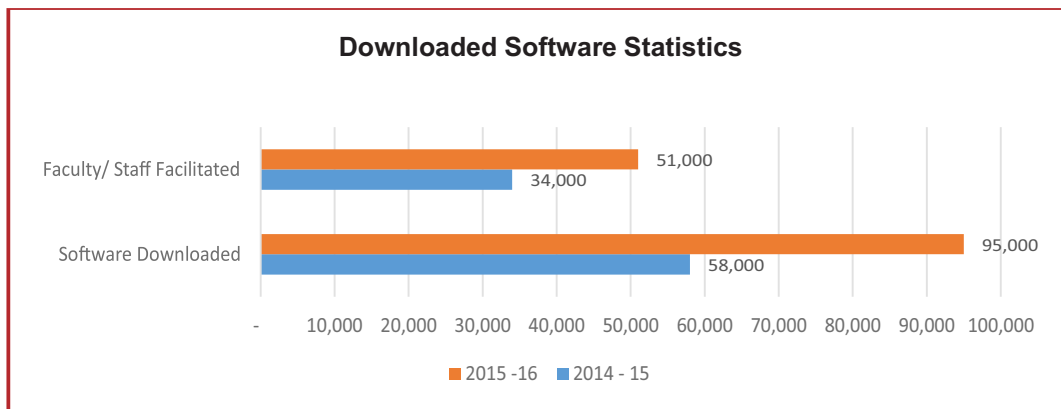
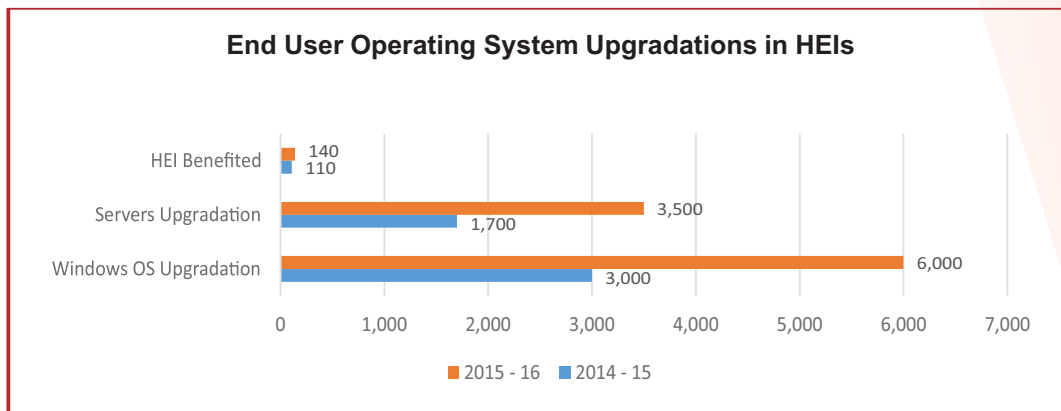
■ Agriculture and Veterinary Animal Sciences ■ Biological and Medical Sciences
■ Business Administration and Management ■ Engineering and Technology
■ Physical Sciences ■ Social Sciences

5. HEC – Microsoft Education Alliance

HEC has taken remarkable steps for establishment and empowerment of higher education sector. Major emphasis has been infrastructural development, whereas software and application are also the critical components for campus computerisation. However, there has been lacking of concrete plans or activities to continuously upgrade operating system and software packages to keep pace with changing technological advancements and trends. HEC has therefore signed a Strategic Education Alliance Agreement with Microsoft Corporation for HEIs in Pakistan. Under this agreement, one of the core components is to promote IPO. Through this, the desktop operating systems and server technologies have been upgraded at all public HEIs.



Licensed Software Access to the Higher Education Institutions in the Country

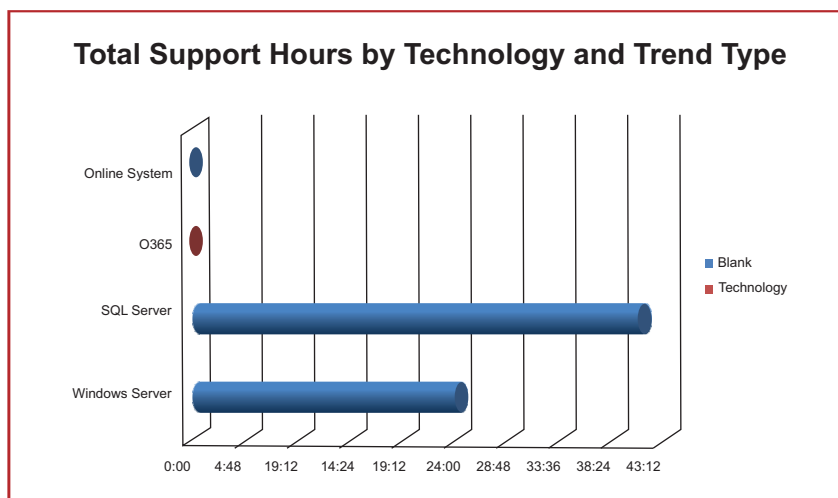
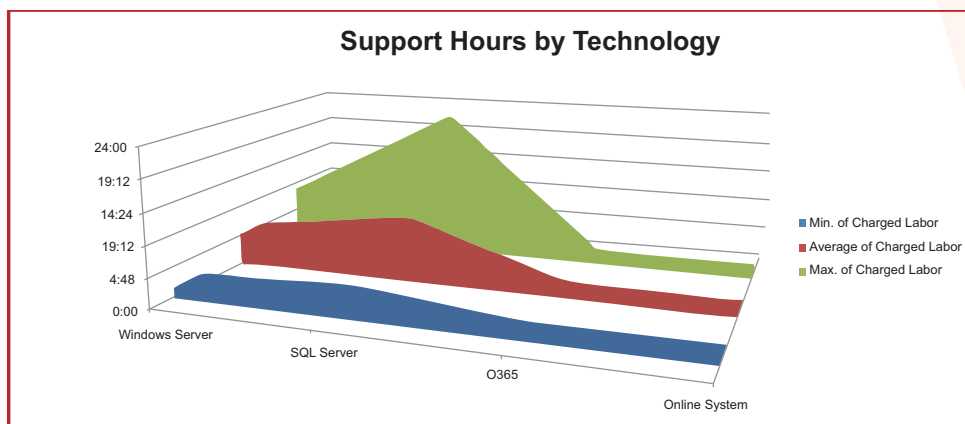


5.1 Microsoft Premier Support

Microsoft Premier Support is one of initiatives under HEC-Microsoft Education Alliance to extend comprehensive support solution for technologies acquired under the core agreement and distributed under PERN package to the universities. This will help in reduction of cost and enhancing productivity with following details:

- End-to-end solution that helps maximise IT resources
- Premier Support proactively maintains the health of IT operations
- Providing customised and personal service management
- Delivering prioritised 24x7 problem resolution support
- Helping leverage the IT function to achieve business goals

Under Microsoft premier support, HEC can easily extend global level support to public/private sector with this agreement which HEIs cannot afford. Moreover, HEIs can avail direct support for problem resolution and also benefit from premier Risk Assessment Programmes (RAPs) with premier field engineer assigned on site to analyse the environment and enhanced training courses on variety of topics.



6. 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 centres in Peshawar, Lahore, Quetta, and Karachi. ICT services are offered to employees, visitors, delegates, and general public. Over the past decade, HEC Secretariat and regional centres are managing and enhancing ICT services and information by utilising its own budget. In this regard, up-gradation of the Network Management System, installation of hardware and provision of machines to ensure smooth ICT services for official business of HEC are being materialised. Moreover, ICT components under PSDP were reviewed for 13 public universities worth one billion during this year. Below are the logos of those universities:



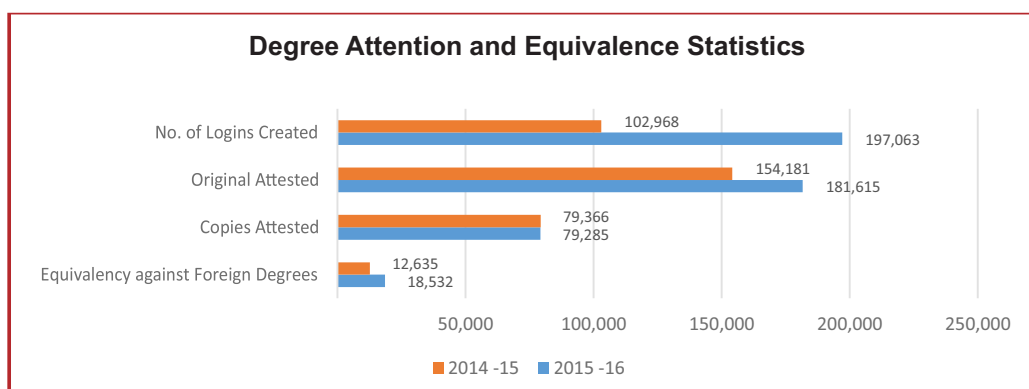
6.1 Online Services for Degree Attestation and Degree Equivalence

HEC has been mandated by the government for attestation and verification of degrees, transcripts and diplomas awarded by the chartered universities/DEIs of Pakistan both in public and private sectors. In addition, HEC also recognises and determines the equivalence of degrees, diplomas and certificates awarded by institutions abroad and within the country.

In order to facilitate the applicants of degree attestation, online systems for submitting application and reserving time to get degrees/transcripts/certificates attested, HEC introduced Reservation System for Degree Attestation, which is available at <http://das.hec.gov.pk/>. Realising the success of this system, it was decided to introduce similar system for equivalence of degrees, diplomas and certificates awarded by foreign institutions across the

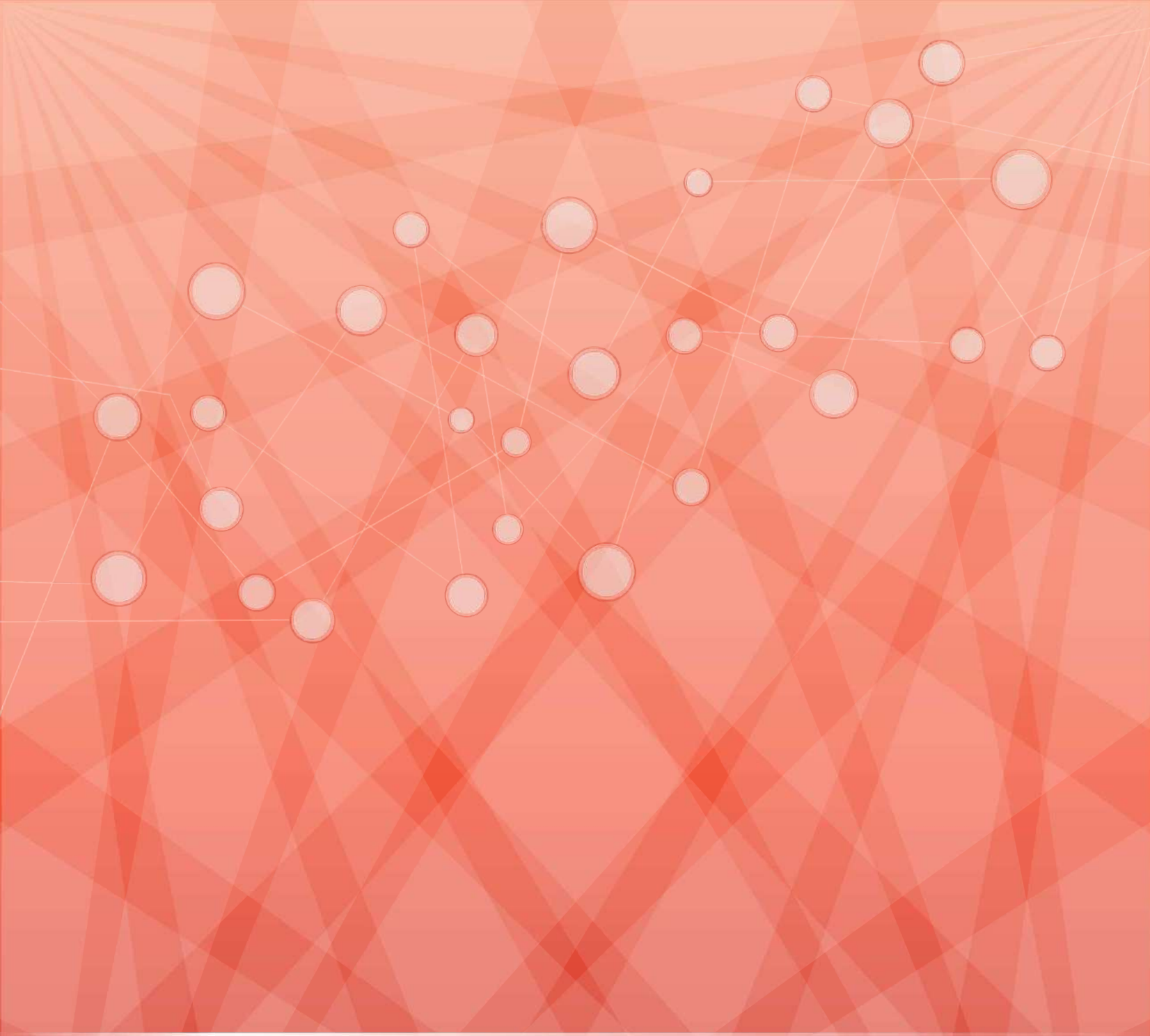


world. The new system named as Reservation System for Degree Equivalence provides similar level of functionality and ease to the applicants, and is available at <http://des.hec.gov.pk/>. Following are the statistics from 2014-2016.



7. Unified Communications and Education Transformation Facilities for HEIs

HEC offers Office Application Storage as well as Unified Communications (UC) solution for higher education institutions that is a research and knowledge centric service. It takes advantage of Pakistan Education and Research Network. The solution includes Business Class Exchange Services for Email communication, state-of-the-art conferencing tool in Skype for Business which offers HD videoconferencing facility, One Drive for storage data on cloud, teaming that provide customised chat-based workplace, SIP soft telephony, SharePoint which allows user collaboration and access to Yammer – the Enterprise Social network that helps you and your teams stay on top. There are a total of 40 HEIs & 21,200 users were created in Cloud.



Sports

Sports are important for physical and mental growth of youth. To inculcate the sense of competition among students, it is necessary to make games an essential part of education.

Pakistan University Sports Board (PUSB)/Sports Division (HEC) has been providing funds to universities to promote sports and encourage students to actively participate in sports activities. PUSB/HEC is affiliated with national, regional and international federations of sports to support the student players.

1. Interschool Sports Championships

HEC organised 35 men interschool events and 25 women interschool events in FY 2015-16. Skiing event for both men and women could not be held due to poor snowfall, whereas four events namely Ju-Jitsu, Karate, Baseball and Netball for men could also not be organised due to inadequate participation.

Results of Intersports Championships 2015-16																
COMSATS Institute of Information Technology	University of Sindh	The University of Lahore	Bahauddin Zakariya University	Sindh Agriculture University	Abdul Wali Khan University	University of Karachi	Iqra University	University of Peshawar	University of Veterinary and Animal Science	Islamia University of Bahawalpur	Imperial College for Business Studies	Government College University Lahore	Superior College	University of the Punjab	University of Central Punjab	University/Institute
					45											Archery
			32		41			58				79	16	294	294	Athletics
												45		30	18	Badminton
		22							44		11	43	50	75	120	Bodybuilding
	70			10	35	15		35		15		60	25	70	60	Basketball
								100						60	150	Boxing
										18				38	38	Cricket
30									9	79	200	3	205			Chess
															150	Cycling
															45	Football
					3	12					40	18	6	30	60	Gymnastic
													100	60	150	Handball
												60	100	40	150	Hockey
				53	58	131	49									Judo
									40	60				40	80	Kabaddi
12																Rock
		33				11			45		4	1	77	175	165	Taekwondo
		60								30				80	50	Rugby
19						28	36			12	227		96	408	470	Shooting
							12	45				18		30		Squash
							35			6		203	49	278	260	Swimming
							18							12	45	Table Tennis
								45						18	30	Tennis
														190	136	Rowing
										40				100	60	Rugby
									50							Tug of War
													60	150	100	Volleyball
										35		13	35	45	120	Wrestling
									24	2		29	52	59	105	Weightlifting
	100						35									Wushu
61	170	265	218	210	164	242	185	283	212	297	482	572	871	2482	2946	Total
330	230	160	210	220	330	290	410	350	470	390	300	450	530	550	550	Participation
391	400	425	428	430	494	532	595	633	682	687	782	1022	1431	3032	3511	Record
16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	Grant Total
																positions

Results of Intersports Championships 2015-16																
University of Engineering & Tech., Taxila	University of Sciences and Technology, Bannu	PMAS-University of Arid Agriculture	International Islamic University	Balochistan University of Infor. Tech. Eng. & Mang. Sci.	Gomal University	Mehran University of Eng. & Tec.	Quaid-i-Azam University	University of Engineering & Tech., Lahore	Shah Abdul Latif University	Hazara University	Govt. College University, Faisalabad	Shaheed Benazir Bhutto University	University of Agriculture	National University of Sciences & Tech.	University of Sargodha	University/Institute
												18				Archery
											10					Athletics
							12							10		Badminton
										40						Bodybuilding
																Basketball
											40					Boxing
																Cricket
																Chess
50																Cycling
							50				50					Football
																Gymnastic
																Handball
																Hockey
									39							Judo
			45				18						30			Kabaddi
			6					2								Rock
										56						Taekwondo
																Rugby
													81			Shooting
																Squash
								5								Swimming
																Table Tennis
													12			Tennis
																Rowing
																Rugby
												80				Tug of War
																Volleyball
																Wrestling
																Weightlifting
									30							Wushu
50			51				30	57	69	96	100	98	18	123	83	Total
110	170	180	130	190	200	210	180	170	160	140	160	180	270	180	250	Participation
160	170	180	181	190	200	210	210	227	229	236	260	278	288	303	333	Record
32	31	30	29	28	27	25	25	24	23	22	21	20	19	18	17	Grand Total positions

Results of Intersports Championships 2015-16																
Lahore University of Management Science	Pakistan Institute of Engineering and Applied Sci.	University of Faisalabad	Forman Christian University	Sarhad University of Information and Technology	Mirpur University of Sciences & Technology	Institute of Business Management	University of Management & Technology	University of Engineering & Technology	University of Swabi	University of Agriculture, Peshawar	Kohat University of Sciences & Technology	Islamia College University	University of Balochistan	Sir Syed University of Engineering & Technology	Quaid-e-Azam University of Engineering & Technology	University/Institute
				12					30							Archery
				2				4	5						1	Athletics
																Badminton
																Bodybuilding
														10		Basketball
																Boxing
																Cricket
							12									Chess
																Cycling
																Football
																Gymnastic
																Handball
																Hockey
														16		Judo
																Kabaddi
																Rock
													6			Taekwondo
																Rugby
																Shooting
																Squash
																Swimming
																Table Tennis
																Tennis
																Rowing
																Rugby
																Tug of War
																Volleyball
																Wrestling
																Weightlifting
																Wushu
														26	1	Total
90	90	90	90	80	100	70	90	100	80	130	130	130	130	110	140	Participation Record
90	90	90	90	94	100	100	102	104	115	130	130	130	136	136	141	Grand Total
45	45	45	45	44	42	42	41	40	39	36	36	36	35	34	33	positions

Results of Intersports Championships 2015-16																
University of Haripur	Hamdard University	NED University of Engineering and Technology	Air University	Institute of Southern Punjab	Beaconhouse National University	Minhaj University	Sindh Madrasat ul Islam	PAF Karachi Institute of Institute Eco. & Tech.	University of Malakand	University of Poonch	National University of Modern Language	Lahore Leads University	University of Azad Jammu and Kashmir	Institute of Business Administration	Bahria University	University/Institute
																Archery
																Athletics
																Badminton
					2											Bodybuilding
						5										Basketball
																Boxing
																Cricket
																Chess
																Cycling
																Football
																Gymnastic
																Handball
																Hockey
																Judo
																Kabaddi
																Rock
																Taekwondo
																Rugby
																Shooting
																Squash
																Swimming
																Table Tennis
																Tennis
																Rowing
																Rugby
																Tug of War
																Volleyball
																Wrestling
																Weightlifting
																Wushu
					2	5	70	70	70	70	80	80	80	90	90	Total
60	60	60	60	60	60	60	60	60	60	70	80	80	80	90	90	Participation Record
60	60	60	60	60	62	65	70	70	70	70	80	80	80	90	90	Grant Total
60	60	60	60	60	59	58	57	54	54	54	51	51	51	45	45	positions

Results of Intersports Championships 2015-16															
Indus University, Karachi	Lahore Garrison University	Institute of Business and Tech. - BIZTEK	Muhammad Ali Jinnah University	King Edward Medical University	Lasbela University of Water, Agri. and Marine Sci.	University of Management and Info. Tech., Kofli	Shaheed Benazir Bhutto University, Lyari	Al-Hamd Islamic University	National University of Computer and Eng. Sci.	Agha Khan University	National Textile University	Preston University Kohat	Greenwich University	Isra University	University/Institute
															Archery
															Athletics
															Badminton
															Bodybuilding
															Basketball
															Boxing
															Cricket
															Chess
															Cycling
															Football
															Gymnastic
															Handball
															Hockey
															Judo
															Kabaddi
															Rock
															Taekwondo
															Rugby
				10											Shooting
															Squash
															Swimming
															Table Tennis
															Tennis
															Rowing
															Rugby
															Tug of War
															Volleyball
															Wrestling
	10														Weightlifting
															Wushu
	10			10											Total
30	20	40	40	30	50	50	50	50	50	50	50	50	50	50	Participation
															Record
30	30	40	40	40	50	50	50	50	50	50	50	50	50	50	Grand Total
78	78	75	75	75	65	65	65	65	65	65	65	65	65	65	positions

Results of Intersports Championships 2015-16																
University/Institute	HITEC University	Lahore School of Economics	University of Gujrat	Ripah International University	City University of Sci. & Info. Tech., Peshawar	Textile Institute of Pakistan	Institute of Space Technology	Bacha Khan University	Khyber Medical University	Preston Institute of Management Sci. & Tech.	GIK Institute of Engineering and Technology	University of Swat	Liaquat University of Medical & Health Sci.	Khuzdar University of Engineering & Technology	Capital University of Science and Technology	University/Institute
Archery																
Athletics																
Badminton																
Bodybuilding																
Basketball																
Boxing																
Cricknet																
Chess																
Cycling																
Football																
Gymnastic																
Handball																
Hockey																
Judo																
Kabaddi																
Rock																
Taekwondo																
Rugby																
Shooting																
Squash																
Swimming																
Table Tennis																
Tennis																
Rowing																
Rugby																
Tug of War																
Volleyball																
Wrestling																
Weightlifting																
Wushu																
Total	10	10	10	10	10	10	10	10	10	10	10	20	20	20	30	
Participation																
Record	10	10	10	10	10	10	10	10	10	10	20	20	20	30		
Grand Total	88	88	88	88	88	88	88	88	88	88	82	82	82	78		
positions																



PUSB/HEC Intersarsity Football Championship at UET Lahore



**Winning team of HEC Intersarsity Basketball Championship 2015-16
with Mr. Farman Ullah Anjum, DG Sports**

2. National Sports Activities

HEC organised 35 men and 25 women intersarsity events in FY 2015-16. Skiing event for both men and women could not be held due to insufficient snowfall, whereas four events namely Ju-Jitsu, Karate, Baseball and Netball for men could also not be organised due to less participation.

2.1 Participation in National Sports Championships

PUSB students participated and showed admirable performance in 36 national sports events during FY 2015-16 held at Karachi, Quetta and Naltar. Student players won 105 medals including 17 Gold,

31 Silver and 57 Bronze Medals. HEC also organised National Beach Handball Championship on May 19-21, 2016 at Karachi. HEC team won Bronze Medal in this championship.

Position of HEC in National Sports Events during FY 2015-2016.

S.No.	Event Name	Gold	Silver	Bronze	Total
1	National Badminton (Men and Women) Championship, 3 rd to 9 th August 2015 at Lahore	-	-	2	2
2	National Taekwondo Championship, 13 th to 17 th September 2015 Islamabad	1	3	4	8
3	14 th National Women Basketball Championship, 9 th to 13 th October 2015 at Faisalabad	-	1	-	1
4	13 th National Kabaddi Championship, 11 th to 14 th October 2015 at Islamabad	-	-	-	-
5	7 th National, 3 rd Junior and 2 nd Inter-Provisional Judo Championship, 3 rd to 7 th November 2015 at Lahore	3	3	2	8
6	35 th National Boxing Championship, 25 th to 29 th November 2015 at Karachi	1	-	2	3
7	Rail Cup National Inter-Departmental Basketball Championship, 23 rd to 28 th November 2015 at Lahore	-	-	-	-
8	National Basketball Championship, 27 th to 31 st December 2015 at Rawalpindi (Final Round)	-	-	-	-
9	21 st National Baseball Championship, 21 st to 25 th December 2015 at UCP Lahore	-	-	1	1
10	4 th CNS Open M & W Shooting Championship, 23 rd to 31 st December 2015 at Karachi	-	1	2	3
11	Quaid-e-Azam Rowing Championship, 23 rd to 26 th December 2015 at Islamabad	6	1	5	12
12	62 nd National Hockey Championship, 25 th December 2015 to 10 th January 2016 at Karachi	-	-	-	-
13	24 th National Judo Championship, 28 th to 31 st December 2015 at Karachi	-	-	-	-
14	National Junior Wrestling Championship, 8 th to 10 th January 2016 at Peshawar	1	1	6	8
15	Saadia Khan Ski Women Championship, 11 th to 27 th January 2016 at Naltar Gilgit	2	1	1	4
16	4 th National Archery Championship (Men and Women) from 21 st to 22 nd January 2016 at Punjab Stadium Lahore	-	-	-	-
17	4 th Shaheed Mohtarma Benazir Bhutto Women Cricket Challenge Trophy, 26 th January to 2 nd February 2016 at Lahore	-	-	1	1
18	Football Federation Cup, 28 th January to 7 th February 2016	-	-	-	-
19	All Pakistan PTF Master's Cup Table Tennis Tournament, 28 th January to 1 st February 2016 at Lahore	-	1	-	1
20	Shah Khan Ski Championship, 27 th January to 17 th February 2016	-	-	-	-
21	National Sports Climbing Championship, 7 th February 2016	-	1	1	2

S.No.	Event Name	Gold	Silver	Bronze	Total
22	Patron's Trophy Grade –II, 1 st March 2016 (New date 3 rd to 21 st March 2016)	-	-	-	-
23	PRU National 7's Championship 2016, 2 nd and 3 rd April 2016 at Lahore	-	-	-	-
24	52 nd National Table Tennis Championship, 11 th to 16 th April 2016 at Multan	-	-	1	1
25	64 th Mr. and Jr. Mr. Pakistan Bodybuilding, 1 st to 4 th April 2016	1	1	1	3
26	11 th Mohtarma Fatima Jinnah Women Cricket Championship, 6 th to 26 th April 2016	-	-	-	-
27	First Malik Mehdi Hussain Memorial All Pakistan Basketball Gold Cup, 1 st to 7 th May 2016 at Lahore	-	-	-	-
28	National Taekwondo Men 6 th to 11 th May 2016 at Karachi	-	2	5	7
	National Taekwondo Women 6 th to 11 th May 2016 at Karachi	-	4	5	9
29	47 th National Athletics Men Champion, 9 th to 11 th May 2016 at Quetta	-	1	1	2
	47 th National Athletics Women Champion, 9 th to 11 th May 2016 at Quetta	1	3	4	8
30	61 st National Senior Men Weightlifting Championship new date, 10 th to 12 th May 2016	1	4	2	7
31	National Volleyball championship, 12 th to 18 th May 2016 at Islamabad	-	-	-	-
32	62 nd Cycling men championship, 12 th to 15 th May 2016 at Lahore	-	-	-	-
33	National Beach Handball Championship, 19 th to 21 th May 2016	-	-	1	1
34	23 rd National Rifle Shooting Men and Women, 21 st to 27 th May 2016 at Karachi	-	1	3	4
35	National Wrestling Championship 26 th to 29 th May 2016 at Gujranwala	-	1	7	8
36	13 th National Women Baseball Championship 1 st to 5 th June 2016 at Lahore	-	1	-	1
Total Medals:		17	31	57	105

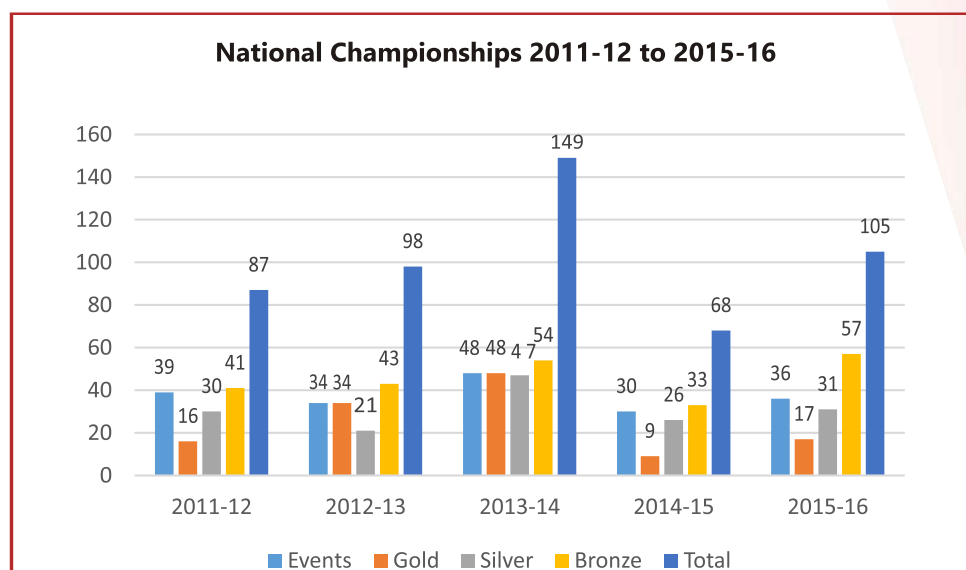


Mr. Arsalan Asad, Gold Medalist HEC player with Dr. Mukhtar Ahmed, Chairman HEC and Mr. Muhammad Faisal Butt, Director Sports

2.2 Performance Assessment of HEC Players at National Level from 2011-12 to 2015-16

During the FY-2015-16, students won 17 gold, 31 silver and 57 bronze medals. Number of medals won during this year is almost twice the number of medals won in 2014-15.

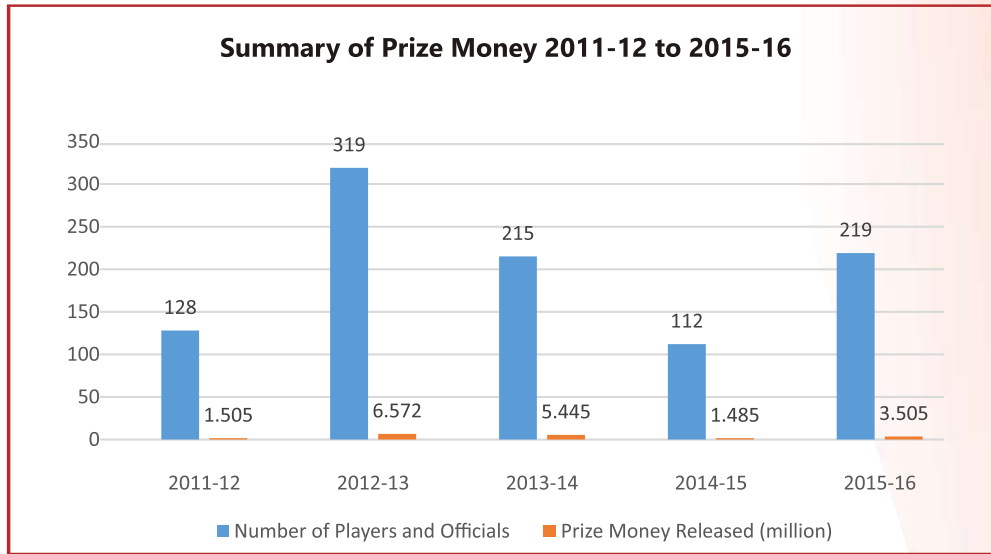
Year	Participation	Gold	Silver	Bronze	Total Medal
2011-12	39	16	30	41	87
2012-13	34	34	21	43	98
2013-14	48	48	47	54	149
2014-15	30	9	26	33	68
2015-16	36	17	31	57	105



2.3 Summary of Prize Money

HEC awards cash prize to encourage the sports persons for future endeavours. During FY 2015-2016, Rs. 3.505 million prize money was awarded to 219 athletes. The comparison of prize money for last five years is mentioned below:

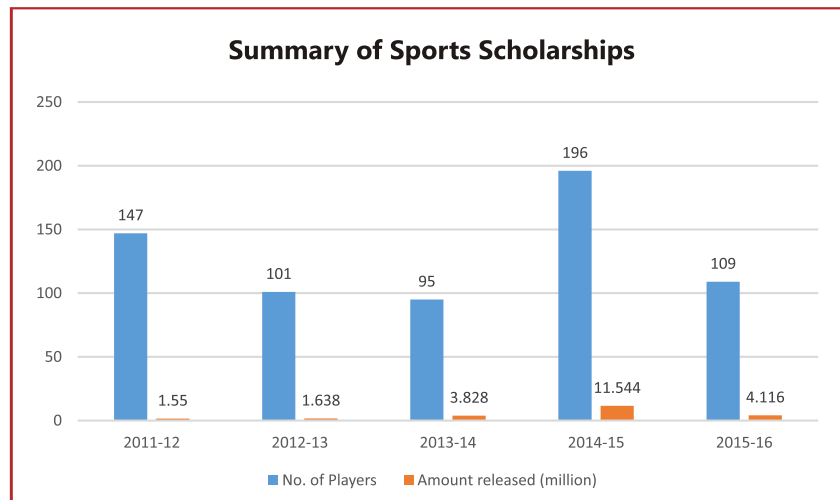
Year	Number of Players and Officials	Prize Money Released (million)
2011-12	128	1.505
2012-13	319	6.572
2013-14	215	5.445
2014-15	112	1.485
2015-16	219	3.505



2.4 Summary of Sports Scholarships from 2011-12 to 2015-16

HEC awards scholarships to shining sports persons to encourage them to pursue their studies. During FY 2015-2016, sports scholarships worth Rs. 4.116 million were awarded to 109 medalists.

Year	No. of Players	Amount released (million)
2011-12	147	1.550
2012-13	101	1.638
2013-14	95	3.828
2014-15	196	11.544
2015-16	109	4.116



3. International Sports Events

3.1 28th Summer Universiade 2015

The Universiade is an international sports and cultural festival staged every two years in a different city under the administrative control of International University Sports Federation. 28th Summer Universiade 2015 was held on July 3-14, 2015 at Gwangju, Korea. A total of 12,885 athletes of 143 countries participated in 272 disciplines of 21 sports. South Korea won the games with 47 Gold Medals followed by Russia with 34 Gold Medals.



Ms. Mahnoor before her Taekwondo fight Gwangju, Korea

Following students represented Pakistan in the said games. The expenditure of two students and one official was borne by the International University Sports Federation.

S. No.	Name	University	Event
1	Mr. Arsalan Asad Khan	University of the Punjab	Taekwondo
2	Mr. Altaf Hussain Shah	Govt College University Lahore	Athletics
3	Ms Mahnoor	University of the Punjab	Taekwondo
4	Mr Hassan Kamran	COMSATS	Swimming
5	Ms Ramsha Khan		Taekwondo
6	Mr Muhammad Waqas	University of Central Punjab	Judo
7	Mr Abdul Hanan Butt	University of Central Punjab	Judo
8	Mr Farhan Ilyas	University of Central Punjab	Athletics

3.2 International Day of University Sports (November 17, 2015)

Pakistan University Sports Board (PUSB) celebrated the International Day of University Sports on November 17, 2015. In this regard, all Higher Education Institutions (HEIs) of the country were requested to celebrate this day and organise sports related activities. PUSB in collaboration with International Islamic University (IIU) Islamabad organised three kilometer hiking at Track- 6 near Faisal Mosque, Islamabad. Dr. Ghulam Raza Bhatti, Executive Director (Acting), HEC was the chief guest of the opening ceremony on the occasion. Dr. Masoom Yaseen Zai Rector IIU, Dr. Javed Akram, Vice Chancellor, Shaheed Zulifqar Ali Bhutto Medical University Islamabad, Mr. Khalid Mahmood Mirza Joint Secretary for Sports, Ministry of Inter-Provincial Coordination, Government of Pakistan and other renowned figures addressed the opening ceremony and highlighted the benefits of sports. Total 200 students and officials from following HEIs and all walks of life participated in the event.

- (i). Officers and Officials of HEC
- (ii). Officers and Students of UET, Taxila
- (iii). Officers and Students of IIUI, Islamabad
- (iv). Officers and Students of FAST, Islamabad
- (v). Officers and Students of NUST, Islamabad
- (vi). Officers and Students of FJWU, Rawalpindi
- (vii). Officers and Students of ARID University, Rawalpindi
- (viii). Officers and Students of Preston University, Islamabad
- (ix). Officers and Students of COMSATS Institute, Islamabad
- (x). Hike lovers from different walks of life



HEC Officials Mr. Ghulam Raza Bhatti, ED (Acting), Mr. Farman Ullah Anjum, DG (Sports), and Mr. Muhammad Faisal Butt, Director (Sports) along with other participants

On November 17, 2015, more than 50 universities organised sports events to celebrate International Day of University Sports.



Football match at University of Sargodha



Walk in NFC Multan



Cricket Match at University of Gujrat



Volleyball match at Lahore School of Economics



Winners of Cricket match with Chief Guest at Liaquat University of Medical and Health Sciences Jamshoro



Hockey match at University of Science and Tech Bannu



Badminton Match at Pakistan Institute of Engineering and Applied Sciences, Islamabad

3.3. Celebrations on the International Day of Sports for Peace and Development, April 2-16, 2016

Recognising the power of sports in promoting peace and erasing cultural barriers worldwide, the United Nations celebrates the International Day of Sports for Development and Peace on April 6 each year. In collaboration with Pakistan Olympic Association and HEC, the UN system in Pakistan organised sports week for young people in Islamabad, Lahore, Faisalabad and Karachi. Badminton, Football, Volleyball, Baseball, Handball, Rock Climbing and Table Tennis matches for male and female teams were conducted. The aim of conducting such activities was to bridge the cultural gap and to promote healthy lifestyle, peace and tolerance.



Lt. Gen Arif Hassan, President Pakistan Olympic Association awarding cash prize and trophy to the students of GC University Lahore

The main programme was held at Sports Gymnasium, National University of Sciences and Technology, Islamabad, in which HEC, POA, UNIC, PSB and NUST officials participated. Following table represents the overall schedule of the event:

Date	Event	Time	Location	Venue	Organizer
2.04	Handball (M&W)	2.04	Faisalabad	Agricultural University	Pakistan Handball Federation, POA
3.04	Badminton/ Men	3.04	Islamabad	NUST	HEC, Pakistan University Sports Board, NUST
	Football/ Women	3.04	Islamabad	NUST/PSB	HEC, Pakistan University Sports Board, Preston University
4.04	Table Tennis/ Women	4.04	Islamabad	Fatima Jinnah Women University	HEC, Pakistan University Sports Board, Fatimah Jinnah Women University
	Baseball/ Men	2 pm	Lahore	Punjab Stadium Lahore	Pakistan Federation Baseball, POA, HEC
6.04	Rock Climbing/ Men	-	Islamabad	Margalla Hills	HEC, Pakistan University Sports Board, Int. Islamic University
	Closing ceremony	4 pm	Islamabad	National University of Sciences and Technology (NUST)	HEC, Pakistan University Sports Board, National University of Sciences and Technology
16.04	Volleyball/ Men	3 pm	Peshawar	PSB Coaching Centre	Pakistan Volleyball Federation, HEC, POA

4. Trainings/Workshops

4.1 Workshop for University FM Radio Anchors

HEC organised a workshop on the development of framework for creating diversified education sports culture among university youth for FM radio anchors of universities on September 21, 2016 at HEC Secretariat Islamabad. 15 participants from all over the country participated in the event.



Chairman HEC addressing the participants

5. Grant for the Development of Infrastructure

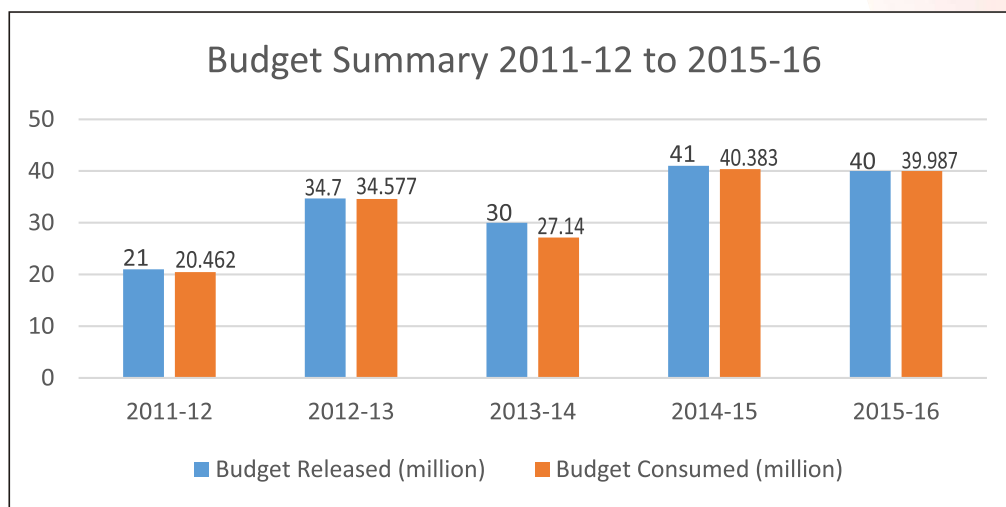
A total of nine public sector universities were granted development grants worth Rs. 4.4 million.

Details are mentioned below:

S. No.	University	Amount	Event/Purpose
1	University of Peshawar, Peshawar	Rs.500,000/-	Purchase of gym equipment
2	University of Swabi, Swabi	Rs.500,000/-	Purchase of gym equipment
3	University of Vet. and Animal Sciences, Lahore	Rs.500,000/-	Mats
4	Lahore College for women University, Lahore	Rs.500,000/-	Purchase of mats/ gym equipment
5	University of Karachi, Karachi	Rs.500,000/-	Purchase of Gym equipment
6	BUIITEMS, Quetta	Rs.500,000/-	Table Tennis Tables and Handball Grassy Court with poles
7	University of Sargodha, Sargodha	Rs.500,000/-	Rowing Machines and Sports Bicycles
8	Mirpur University of Science and Technology, Mirpur	Rs.400,000/-	Purchase of Gym equipment
9	Quaid-e-Azam University, Islamabad	Rs.500,000/-	Purchase of Rowing Machines and Gym equipment
Total		Rs.4.4 million	

6. Budget Summary of PUSB

Year	Budget Released (million)	Budget Consumed (million)
2011-12	21	20.462
2012-13	34.70	34.577
2013-14	30	27.140
2014-15	41	40.383
2015-16	40	39.987





Higher Education
Commission, Pakistan
www.hec.gov.pk