Government of Pakistan
Ministry of Federal Education & Professional Training
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INTRODUCTION:

- In the wake of 18th Amendment to the Constitution the concurrent list stands abolished. Subjects of Education and Health etc. no longer remain in the purview of the Federal Government. Therefore, the Ministries of Education, Health and fifteen other ministries were devolved from 5th April, 2011 to 30th June, 2011.
- Entry-16 of Part 1 of Federal Legislative list reads as follows:

  *"Federal Agencies and Institutes for the following purposes that is to say, for **research**, for **professional and technical training**, or for the promotion of **special studies**" will be organized by the Federal Government.*

- Therefore, the Federal Agencies and Institutes imparting **professional and technical training** and **research** have been retained by the Federal Government.

- To cater for the educational, professional and technical training requirements of the country after devolution, the Government has taken a very timely decision by creating a dedicated Ministry for the purpose.

- The Ministry of Professional & Technical Training was notified on 29th July, 2011. Later on, the Ministry has been re-named as Ministry of Education, Trainings and Standards in Higher Education. Finally, on the recommendations of CCI the Ministry has now been renamed as Ministry Federal Education & Professional Training. Presently following departments/organizations are working under administrative control of the Ministry of Federal Education & Professional Training:-

S.No.	Name of Departments/Organizations
1.	Higher Education Commission (HEC)
2.	National Vocational & Technical Education Commission (NAVTEC)
3.	National Commission for Human Development (NCHD)
4.	Federal Board of Intermediate and Secondary Education (FBISE)
5.	National Education Foundation (NEF)
6.	Basic Education Community Schools (BECS)
7.	Pakistan National Commission for UNESCO (PNCU)
8.	National Training Bureau (NTB)
9.	Pakistan Manpower Institute (PMI)
10.	Academy of Education Planning & Management (AEPAM)
11.	National Education Assessment System (NEAS)
12.	National Talent Pool (NTP)
13.	National Institute of Science and Technical Education (NISTE)
14.	Pakistan Girls Guides Association (PGGA)

15.	Pakistan Boy Scouts Association (PBSA)
16.	National College of Arts (NCA)
17.	Federal Directorate of Education (FDE)
18.	Directorate General of Special Education (DGSE)
19.	Federal Government Poly Technic Institute for Women
20.	Private Educational Institutions Regulatory Authority (PEIRA)
21.	Federal College of Education (FCE)

FUNCTIONS:

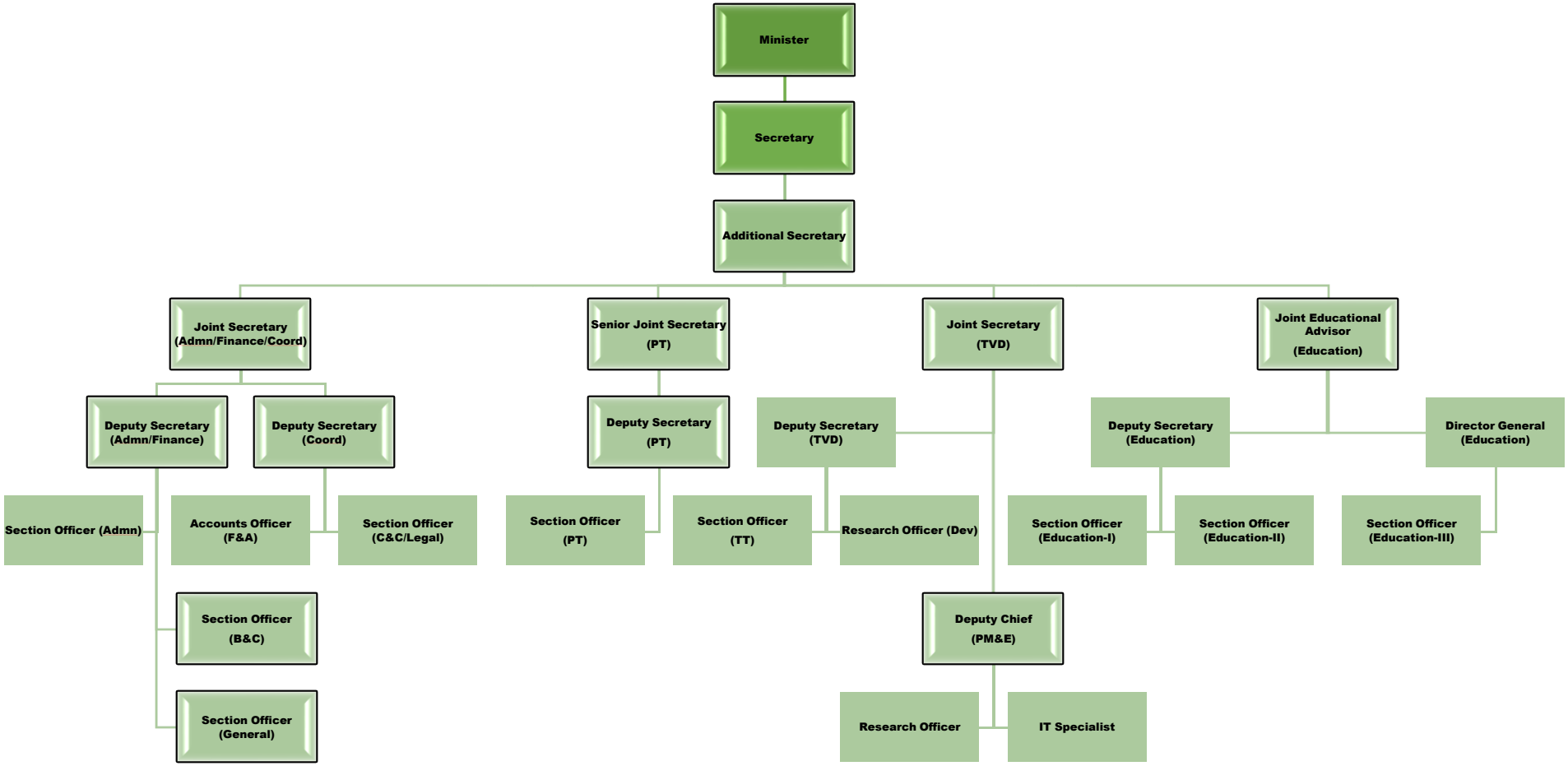
Non Formal Basic Education / Adult Literacy to enhance literacy rate

- Standards and Policy for Technical Education & Vocational Training
- To ensure effective Inter-Provincial Coordination in education sector, through the forum of Inter-Provincial Education Ministers' Conference (IPEMC)
- Legislation for University charter and Standards in Higher Education
- Standards of Curriculum through National Curriculum Council (NCC) in consultation with Provinces and Federal Areas
- Coordination with International Agencies
- Establishment and Coordination of Pakistan Chairs Abroad
- Management of Boy Scouts and Girl Guides Association
- Affairs of Islamabad Schools/Colleges through Federal Directorate of Education
- Social Welfare, Special Education, Welfare development and rehabilitation of children and disabled in the Federal area through Directorate General of Special Education
- Private Educational Institutions Regulatory Authority (PEIRA)

SANCTIONED STRENGTH

S.#	Designation/BPS	Sanctioned Strength
1)	Secretary (BS-22)	01
2)	Additional Secretary (BS-21)	01
3)	SJS/Joint Secretary (BS-21/20)	04
4)	Director General (BS-20)	01
5)	Joint Educational Advisor (BS-20)	01
6)	Deputy Secretary (BS-19)	06
7)	Deputy Chief (BS-19)	01
8)	Section Officer (BS-17/18)	11
9)	Research Officer (BS-17/18)	01
10)	Research Associate Officer (BS-17)	01
11)	IT Specialist (BS-17)	01
12)	Accounts Officer (BS-17)	01
13)	SPS/Private Secretary (BS-17/18)	05
	Sub Total:	**35**
14)	Superintendent (BS-16/17)	03
15)	Monitoring Officer (BS-16)	02
16)	Assistant Private Secretary (BS-16)	14
17)	Assistant (BS-15/16)	12
18)	Steno typist (BS-14)	11
19)	Sub Librarian (BS-14)	01
20)	UDC (BS-11)	14
21)	LDC (BS-09)	12
22)	Driver (BS-04)	10
23)	Dispatch Rider (BS-04)	02
24)	DMO (BS-04)	01
25)	Qasid (BS-02)	04
26)	Daftari (BS-02)	01
27)	Naib Qasid (BS-01)	28
28)	Chowkidar (BS-01)	02
29)	Farash (BS-01)	02
30)	Sweeper (BS-01)	02
	Sub Total:	**121**
	Total:	**156**

ORGANIZATIONAL CHART



1. HUMAN RESOURCE DEVELOPMENT

Overseas Scholarship Scheme (Phase-I)

Under Phase-I of the Overseas Scholarship Scheme, 21 scholars completed their PhD studies and returned to serve the country.

Overseas Scholarships for MS/MPhil Leading to PhD in Selected Fields (Phase-II)

A total number of 44 scholars proceeded abroad for PhD studies during 2017-18 while 59 scholars joined higher education institutions after completing their studies.

Development Initiative-MS Leading to PhD Programme of Faculty Development of UESTPs (Phase-I)

Under the Human Resource Development Initiative, MS Leading to PhD Programme of Faculty Development for UESTPs (Phase-I), as many as 162 overseas scholarships were awarded while 83 scholars returned to Pakistan during 2017-18, after completing their PhD studies.

US Pakistan Knowledge Corridor

A total of nine scholarships were awarded for pursuance of PhD studies under 'US-Pakistan Knowledge Corridor' project during 2017-18.

Learning Opportunities Abroad

With the collaboration of donor agencies, HEC nominated 76 selected scholars for scholarships in various countries, as follows:

S. No.	Title of Scholarship	Host Countries	Number of Candidates Nominated
1	IDB Merit Scholarships Programme for PhD and Post-Doctoral Studies	IDB approved countries including UK, France, etc.	08
2	Scholarships from CRBC China for Masters at South East University	China	19
3	NAM Countries Scholarships for Azerbaijan	Azerbaijan	02
4	Moroccan Scholarship Programme	Morocco	10
5	Chulabhorn Graduate Scholarship Programme	Thailand	05
6	PIM Excellence Scholarships	Thailand	02
7	Scholarships offered at Islamic University of Technology (IUT) Dhaka, Bangladesh	Bangladesh	02

8	Mexican Government Scholarship Programme for International Students	Mexico	01
9	Government of Sri Lanka Presidential Scholarship for Undergraduate Studies	Sri Lanka	07
10	Scholarship of Undergraduate Studies in Medicine by Cuban Government	Cuba	01
11	Government of Brunei Darussalam Scholarships	Brunei Darussalam	18
Total Scholarships Awarded by Donor Agencies			**76**

Faculty Development Programme for Pakistani Universities

Under the Faculty Development Programme for Pakistani Universities, a total of 177 scholarships have provisionally been offered for PhD studies.

Aaghaz-e-Haqooq-Balochistan Package

The project "MS Leading to PhD Scholarship Programme (Indigenous and Overseas) for Students of Balochistan", an initiative of Aaghaz-e Haqooq-e-Balochistan Package, awarded 26 overseas MS leading to PhD scholarships and 49 indigenous scholarships in 2017-18.

Indigenous 5000 PhD Fellowship Programme (Phase-I)

Under Phase-I of Indigenous 5000 PhD Fellowship Programme, 203 scholars completed their PhD studies and are serving the country. Under Phase-II of the Programme, a total of 274 MS/PhD scholarships were awarded during the year, while 60 scholars completed their studies.

International Research Support Initiative Programme

A total of 475 scholars were awarded scholarships to pursue their PhD research work abroad at top-ranked universities for a period of six months.

Partial Support Scholarship Programme

During the year, a total of 48 PhD scholarships were awarded for selected countries.

Award of 3000 Scholarships to Students from Afghanistan under Prime Minister's Directives

A total of 577 newly selected Afghan students were placed in different universities of Pakistan. From previously enrolled students, 450 graduated in various disciplines during 2017-18.

Interim Placement of Fresh PhDs

During 2017-18, 525 fresh PhD faculty members were placed at various universities for a period of one year.

Provision of Higher Education Opportunities for Students of Balochistan and Erstwhile FATA (Phase-II)

A total of 500 scholarships for four-year undergraduate and Master's studies were awarded during the year.

HEC Need-based Scholarship Programme

During the year, 2583 scholarships for four-year undergraduate programme were awarded.

OGDCL-HEC Need-Based Scholarship Programme

As many as 124 undergraduate scholarships were awarded during the year.

Academic and Research Linkages with Different Countries under Bilateral Agreements

- A total of 480 scholarships were awarded to Pakistani students to study in different Hungarian universities. However, only 367 students availed the scholarship. Twenty-four PhD and 268 undergraduate students are studying in Hungarian universities, while out of 75 Master's degree students, 61 are studying and 14 have returned to Pakistan.

- One Hungarian student has completed his studies in Pakistan under bilateral agreement.

- The Government of Pakistan announced 100 scholarships for 15 least-developed countries of the OIC. As many as 15 scholarships have been awarded so far, out of which six international students have joined their respective universities in Pakistan.

2. RESEARCH AND DEVELOPMENT

National Research Programme for Universities

- During the Financial Year 2017-18, 574 research proposals were funded.
- A total of Rs. 1551.72 million were utilized during FY 2017-18 under NRPU.
- As many as 92 projects worth Rs. 268.31 million were completed.
- The number of ongoing projects is 2157.

Thematic Research Grant Programme

- During 2017-18, 75 research proposals were approved.
- Grants amounting to Rs. 242 million were approved under TRGP.
- A total of 35 projects were completed.
- The number of ongoing projects is 163.

Research Journals

- Recognition to 18 new National Research Journals (Social Sciences, Arts, Humanities and Business Education) was accorded.
- Grants of Financial Assistance amounting to Rs. 16 million to HEC Recognized Social Sciences Research were approved.
- Five training workshops for Editors to uplift existing standards of research journals were held.
- Five Academic/Thesis Writing Workshops were arranged to equip research scholars and students with modern tools of research.
- For the first time, HEC organized two Qualitative Research Workshops for faculty members.

- As many as 135 research-oriented books were given recognition status after detailed scrutiny as per SOPs.
- Twenty-eight cases were processed for evaluation of research publications of faculty members for TTS/BPS appointments.

Startup Research Grant Programme

- A total of 450 new research projects were processed/awarded in 2017-18; 50 cases were provided second installment, and 100 were processed for final installment.
- Total amount utilized for this programme is Rs. 204 million

Library

- Helped visitors to use digital library resources.
- Provided facility of Turnitin to scholars as well as HEC employees.
- Helped scholars and faculty members in using Ulrich's International Periodical Directory.
- Over 8000 visitors visited the library and used digital resources.

HEC-National Digital Library Programme

- Rs. 1085 million budget was approved for Digital Library to subscribe 22 Databases.
- Focused trainings for DL focal persons for Islamabad, Lahore and Karachi regions were conducted with collaboration of the Web of Science.
- Training was conducted at HEC Islamabad for researchers in collaboration with the Emerald group.
- HEC-Emerald business case study competitions were conducted across the country to promote case writing in Pakistan.
- Scheduled 38 comprehensive trainings across the country with publishers' representatives.
- Conducted IEEE quiz among researchers across the country.
- Over 200 new institutes were registered.
- Provided continuous support and resolved IP conflict of more than 700 institutes.

Textbook and Monograph Scheme

- Out of 89 proposals received, 63 were shortlisted for evaluation and 32 award letters were issued.
- Twelve books were published this year.
- 6000 books were distributed to universities across the country.

Seminars and Conferences

- 57 seminars/conferences (national events) were sanctioned.
- 69 seminars/conferences (international events) were sanctioned.

Travel Grants

- 1178 travel grants were sanctioned for higher studies.
- 1156 travel grants were sanctioned for presentation of research papers.

Pak-US Science & Technology Cooperation Programme

Sixteen collaborative research projects were funded. An amount of Rs. 107.43 million was released to Pakistan-side projects.

Establishment of Technology Development Fund (TDF)

During 2017-18, 89 academia industry joint venture projects were awarded in 16 different disciplines under TDF. The overall cost of the projects, approved against second call, was Rs. 843 million while partner industries chipped in Rs. 178 million.

HEC Outstanding Research Awards

Fifty-two Research Awards were conferred in four different categories, i.e., Best Research Paper, Best Book, Best Innovator and Young Research Scholar Award worth Rs. 5.64 million under HEC Outstanding Research Awards Programme during 2017-18.

Pak-France PERIDOT Research Programme

During 2017-18, five projects were approved for grant of Rs. 2.065 million to establish International linkages of Pakistani universities with French universities for three-year duration under PERIDOT Research Programme.

Pakistan Programme for Collaborative Research (PPCR)

Seventy proposals were received, out of which 48 were approved for funding.

Pak-Turk Researchers' Mobility Grant Programme

Eleven joint projects were approved for linkages of Pakistani universities with Turkish universities, with an amount of Rs. 8.29 million.

Establishment of Offices of Research Innovation & Commercialization (ORIC)

- Five ORICs were established during the year.
- As many as 66 ORICs have been established in various HEIs of Pakistan so far.

HEC-British Council Knowledge Economy Partnership Programme (KEP)

During the year, 3rd Installment, amounting to Rs. 3.6 million, was released to three projects.

Social Integration Outreach Programme

Call for proposals on "Climate Change Environment and Pollution" was announced in 2018. As many as 212 projects proposals were received, of which 50 approved projects were awarded.

Patent Filing

- During 2017-18, one application was approved for filing of patent at USPTO, USA. US$6,000 were paid to the attorney for filing the application.
- Three cases were granted patent rights by USPTO, USA.

Access to Scientific Instrumentation

During 2017-18, 279 cases were awarded research grant and an amount of Rs. 11.99 million was disbursed to the Service Providers.

Establishment of Business Incubation Centres

Four new Business Incubation Centres were established and Rs. 40.57 million were released for their setup and operational cost.

3. INFORMATION TECHNOLOGY

PERN (Pakistan Education & Research Network)

- Prequalification process was completed for outreach and provisioning of services and major telecom operators were pre-qualified for the next three years.
- PERN footprints increased to remote areas including Bannu, Turbat and Gambat.
- Overall PERN footprints increased from 241 HEIs/ institutions/colleges to 286.
- Approximately, more than 500 km fiber was deployed in northern, southern and central regions.

Safe Campus

- Safe Campus Level 1 (Boundaries and Entrances) was rolled out in 10 universities.
- Safe Campus Level 2 to Level 6 (Corridors, Laboratories, Parkings and Hostels) was rolled out in two campuses.
- Centralized NOC started reporting to universities for monitoring of Safe Campus Camera uptimes.

Smart University

- 23 universities were transformed into smart universities

Smart Classroom

Smart Classroom Concept was presented to Technical Committee of CDWP and submitted to the Economic Affairs Division for grant-in-AID to roll out pilot in 200 universities, their sub-campuses and associated colleges.

Smart Bags

- On the directives of the Prime Minister of Pakistan, HEC was tasked to develop criteria, mechanism and roadmap for procurement and distribution of laptops to young and bright students studying in public sector higher education institutions across the country including Azad Jammu and Kashmir.
- Exponential interest of students was observed in the programme. A total 1,159,859 students applied for the said scheme since its inception. Students were selected purely on merit.
- Over 450,000 laptops were distributed through a well-defined and transparent mechanism. An online ITIL compliant CRM based trouble ticket system was developed to facilitate students and focal persons of the universities/institutes. The system has the capability to handle runtime data of thousands of students.
- The project facilitated an international company to invest and establish their assembly plant. The plant is now fully functional and 150,000 laptops have been assembled. The company has now established their SMT manufacturing plant. Pakistan's first "Made in Pakistan" laptops have been made in Lahore. A total of 200,000 laptops have been manufactured. Three hundred Pakistani engineers and technical resources have been trained for the CKD production of laptops.

- Four Smart Classrooms were established in four public sector universities (CIIT Islamabad, IBA-Sukkur, GCWU Sialkot and Abbottabad University) under CSR.
- In order to enhance laptops recipients' knowledge and skills for professional career, courses from world leading and renowned universities like Stanford University, University of Pennsylvania – Wharton, Columbia University, 8000 single courses were offered to students through Coursera international platform.
- As per eligibility criteria, the students enrolled in PhD, MPhil, MS or equivalent programmes in any public sector HEI are eligible. Erstwhile FATA, GCT and ICT students were also granted the opportunity to apply for laptops, in addition to quota for distant learners/students of Virtual University and Allama Iqbal Open University.
- The programme covered 109 public sector universities and sub campuses along with FATA, ICT and GCT colleges under Prime Minister Laptop Scheme
- Under this scheme, 41% female students were awarded laptops on merit.

Edu cloud

- Email setups of 20 Universities were successfully migrated on Office365.
- Around 60,000 user accounts of active directory were migrated to PERN hosted Active Directory.
- PERN started hosting of DNS Server Zones
- PERN Hosted Edu Compute provisioned to five universities under HELP project.
- HEC servers were secured through Symantec Endpoint protection in Islamabad, Lahore and Karachi Data Centers.

Video Conferencing

- Five new sites were provided video conferencing facility including Women University, Faisalabad, Khushal Khan Khattak University, Karak, Government College Women University, Sialkot, University of Management Science and Information Technology, Kotli and Women University Swabi, Guludheri, Swabi.
- Video Conferencing equipment was replaced in 26 universities.
- Lectures were delivered by IBA University to their community colleges through PERN with Video conferencing facility established under World Bank TESP Project.
- Events Portal has been integrated with Video Conferencing. For the first time, local indigenous product has been customized with MCU SDK to schedule events on events.hec.gov.pk.
- One hundred and fifty online courses, lectures, workshops and seminars were offered under Virtual Education Project, Pakistan. As many as 1721 students registered for 150 online courses, lectures, workshops and seminars, in the fields of Agriculture and Veterinary Animal Sciences, Biological and Medical Sciences, Business Administration and Management, Engineering and Technology, Physical Sciences and Social Sciences. Seventeen universities participated in the Programme.

Higher Education TV Channel

- Seven universities started coordination and communication with Higher Education TV channel and their TV studios were integrated, including AIOU, SMIU, Riphah, Bahria University, Virtual University, SZABIST and Lahore Garrison University.

HAINA (Huawei Authorized IT & Network Academy) Laboratories in Selected Universities

- HAINA programme concluded two batches of instructor training under "Train the Trainer" programme, which were attended by 27 instructors from 14 HAINAs.
- Huawei HCNA R&S training for over 400 academy students was launched by Huawei Authorized Academy Instructors at different HAINA locations.
- Huawei successfully launched ICT Competition Pakistan 2018 in collaboration with HEC. The competition attracted over 10,000 students from all across Pakistan of which over 6,000 were registered from HAINA platform.

Business Process Automation System

- Applications were analyzed for requirements, developed, brought live/revamped/monitored/ maintained.

Degree Attestation System

Degree Attestation System was revamped to optimize operations and reduce functional inefficiencies. Now, an applicant applies online and visits HEC premises only when the application has been completely scrutinized. This has reduced rejection rate. The operations have been further optimized by integration with the queue management system.

- Applications Processed: 188,727
- Documents Attested: 439,926
- Support to Regional Centres
- Queries Received: 5963
- Resolved: 5963 (100 %)

Degree Attestation System (Working for Embassies)

An integrated system has been developed for embassy focal persons to ensure data verification for Pakistani applicants trying to avail any services abroad.

- DAS Embassy focal Persons: 71
- Records available to focal persons: 2,252,631

SMS Service Integration for Eportal

Every application in eportal has been integrated with SMS subscription to keep applicants updated on the progress of their applications.

Integration of BPAS with NADRA Service

Data of 166,417 applicants was successfully retrieved from NADRA Database and used in multiple applications for scrutiny.

Higher Education Commission Aptitude Test
Higher Education Aptitude test was launched as a service to applicants. Online applications reduced manual intervention on application data. A total of 124,840 applications were received and processed.

Law Graduate Test-1
As sub-part of Higher Education Aptitude Test, a total of 6020 applications were received online to reduce manual intervention in application data.

Law Undergraduate Test-2
A total of 26,423 applications were received online to reduce manual intervention on application data.

Pakistan Qualification Register
HEC has developed a common educational data pool which will have definitive record of recognized Universities, Campuses, Departments and Degree Programmes to ensure transparency and improve services given to students. This data pool is called Pakistan Qualification Register. It has 35000 programmes added in eportal.

Institutional Strengthening & Upgradation of Laboratories and Libraries
The institutional strengthening aims to strengthen and upgrade existing laboratories and libraries of recognized public sector universities/degree awarding institutions and recognized campuses. The applications are received online through web portal to standardize input and streamline user experience. A total of 598 applications were registered.

Pakistan Chairs Abroad
To create awareness about Pakistani society, its history, culture and national heroes, PhD scholars with strong academic background are appointed the Pakistan Chairs in international varsities. The process has strict eligibility criteria, which was automated through eportal. The initiative was requested by the Cabinet Division. As many as 113 applications were received.

Hungarian Scholarship Programme (HSP)
HEC invites applications from Pakistani/AJ&K nationals for the Stipendium Hungarian Scholarship Programme, under bilateral Higher Education and Scientific Exchange Programme between the Government of Hungary and Higher Education Commission (HEC), Government of Pakistan. As many as 5000 applications were received online through web portal to standardize input and streamline user experience.

Balochistan FATA Scholarship Programme
- HEC has provided opportunities for students of Balochistan and erstwhile FATA for undergraduate and postgraduate studies in all disciplines across Pakistan. Applications were invited from candidates having local domicile certificate of Balochistan Province/FATA for studies in HEC recognized public sector universities/degree awarding institutes or W-category private universities of Pakistan. The applications were taken online through web portal to standardize input and streamline user experience.
- Application received: 9000

Overseas Faculty Development Programme
The Faculty Development Programme has been designed for capacity enhancement of selected universities. The purpose of the FDP is to encourage and reward existing faculty for developing their teaching skills in key areas of their expertise. It caters to enhance the education level and

encourage young non-PhD faculty members so that they can contribute in nation building with enhanced technical and professional knowledge.

- The programme provides an opportunity to non-PhD faculty members of selected universities to pursue their PhD degree abroad. The programme offers PhD scholarships in specific disciplines for each participating university.
- Applications received: 616

Indigenous 5000 Programme

- The specific objective of the 5000 Indigenous Scholarship Scheme is to create a critical mass of highly qualified human resource in all fields of studies taught at the advanced level in local universities. These locally qualified academics and researchers will improve the R&D potential of public as well as private universities and also strengthen the local industrial sector. The applications are taken online through web portal.
- Applications received: 19,458

Thematic Research Grant Programme

- Higher education sector of Pakistan has been playing an important role in improving the quality of teaching and developing research culture through innovative ways. Realizing the need of ensuring the concept of knowledge economy in true sense, HEC initiated different incentivized programmes in both public and private sector universities/institutions to motivate and encourage potential researchers in almost all disciplines. The programme intends to encourage creative and talented faculty members to probe into those areas that check the growth, development and progress of Pakistan. Thematic research programme in social sciences aims to discourage the on-going brain drain and utilizing the innovative thinking of researchers.
- Proposals received: 538

Approved Supervisors Programme

- Doctoral education aims to cultivate research skills and knowledge necessary to undertake independent inquiries. Supervisors play an important role in this process, mentoring students about research trends, conduct, and guiding their academic careers in general. The HEC Approved Supervisors programme aims to assist PhD students in this regard by pairing them with qualified and experienced faculty members of HEC recognized universities, degree awarding institutions, and R&D organizations. PhD students funded under HEC in-country scholarship programmes will work with HEC-approved supervisors for three years. HEC revamped the entire process of becoming An 'HEC Approved Supervisor' in December 2016 from manual to online system. All PhD supervisors, either already approved or new applicants, are required to register and fill profile again on HEC E-portal.
- Applications received: 1492

National Research Programme for Universities

- Dearth of research literature/equipment is a major impediment to productivity of many creative and talented faculty members/researchers in all disciplines in universities/degree awarding institutions. In most cases, researchers need substantial financial support for research projects to allow them in their research pursuits. In the absence of such facilities, researchers, especially the younger ones, are discouraged and are forced to seek better opportunities in developed countries. To avoid this brain drain, HEC has initiated a research grant programme under which creative researchers are awarded research grants. To meet the current challenges of researchers working in local universities/DAIs of Pakistan and to promote the R&D with facilitation, HEC is running National Research Programme for Universities (NRPU) as per researcher's needs/requirements. The existing guidelines of

NRPU have been modified from time to time to address different aspects. Lately, the applications are taken online through web portal.

- Application received: 4000

Science Talent Farming

Science Talent Farming Scheme for Undergraduate Programme - HEC is a scholarship programme for the scholars who will complete their Higher Secondary School education under Science Talent Farming Scheme (Phase-I) executed by Pakistan Science Foundation (PSF).

- The programme shall support four-year bachelor level studies at top ranking Pakistani universities along with additional interventions to groom and build the capacity of young students in Natural Sciences and Mathematics. The main theme of the scheme is that the scholars who have aptitude for science and are outstanding in their studies could be made productive scientists for future by developing their critical thinking skills. The applications are taken online through web portal to standardize input and streamline user experience.
- Applications received: 6000

Faculty Development Programme

- FDP provides a chance to non-PhD faculty members to pursue their PhD degree in Pakistani/world recognized universities/DAIs. The programme is designed to encourage collaboration between Pakistani and world renowned/recognized institutions. The programme is expected to bring opportunities to develop research projects and simultaneously build capacity in the education system of both the partner countries.
- Application received: 994

Access to Scientific Instrumentation Programme

- The objective of this programme is to provide access to researchers (students) of public sector universities with instrumentation facilities not readily available at their respective university. The researchers can request any other public sector university for usage of the equipment, and the cost for tests will be paid by HEC. The applicants can pull information from public sector institutes to identify which university contains the instrumentation that is required for analysis by the researcher
- Applications received: 1181

Degree Equivalence System

- Resolve Business users' issues and Applicants' issues
- Provide training to users
- Total Applications: 1727

HEC Portal Revamping and Social Marketing

- Restructure HEC Scholarship and Research tabs and rollups
- Modify structures and layouts of divisional sub-sites
- Amend top level sites and hide rollups dates
- Amend and reshuffle website Top Menus

4. PLANNING AND DEVELOPMENT DIVISION

Public Sector Development Programme

The Government of Pakistan allocated an amount of Rs. 35.663 billion for execution of 169 development projects (101 approved and 68 un-approved) of the universities and HEC under PSDP 2017-18. Later, the number of projects was increased to 182 by adding 13 projects through re-appropriation within the overall development budget of HEC. In addition to PSDP allocation, an amount of Rs. 5.287 billion for PM's Laptop Scheme and Rs. 0.6 billion for Award of 3000 Scholarships to Afghan Students Scheme were also provided and the final allocation was Rs. 41.550 billion.

Releases of Development Grant

- During first three quarters of FY 2017-18, an amount of Rs. 16.388 billion (including F. Aid), amounting to 44% of the total allocation, was released for 103 ongoing/new approved development projects of universities/HEC reflected in PSDP 2017-18.

- A total of Rs. 22.278 billion (Including F. Aid) (15.861 + 5.287 + 0.600+0.527 billion) was released out of Rs. 41.550 billion during 2017-18. The Ministry of Planning, Development and Reform issued authorization amounting to Rs. 26.541 billion during 2017-18. Whereas the Ministry of Finance released an amount of Rs. 16.861 billion, an amount of Rs. 8.042 billion was identified as anticipated savings against unapproved projects and communicated to both the abovementioned ministries.

- The project proposals (PC-Is) of 83 unapproved projects were submitted to the Planning Commission for approval, out of which 56 projects (including three revised projects) were approved by the respective forums, i.e., CDWP/ECNEC in various meetings:

    - New unapproved development projects: 82
    - PC-I submitted: 56
    - Project Approved by CDWP/ECNEC: 56
    - Total PSDP (HEC) projects: 169

New Initiatives

- Award of Scholarships to Students from Gwadar (50 scholarships for Master's degree classes in Punjab and 50 scholarships for Chinese language)
- Establishment of the University of Baltistan, Skardu
- Award of Allama Muhammad Iqbal 3000 Scholarships to Afghan Students (PM's Directive)
- Upgradation of Bannu University of Science and Technology, Lakki Marwat Campus to a full-fledged University
- Development of Academic and Research Facilities at University of Kotli, AJK

- Upgradation of Government College of Technology (GCT) Khairpur into Benazir Bhutto Shaheed University of Technology and Skill Development, Khairpur Mirs
- Establishment of Technology Development Centre at University of Agriculture, Peshawar
- Science Talent Farming Scheme (STFS) for Undergraduate Programmes
- Establishment of NUST Campus at Quetta
- Overseas Scholarships for MS/MPhil leading to PhD in Selected Fields (Phase-III)
- Prime Minister's Electric Wheelchair Scheme for University Students
- Strengthening of Core Network and Expansion of PERN Footprints through CPEC Optical Fiber (PERN-III)
- Pak-Sri Lanka Higher Education Cooperation Programme
- Development of National University of Medical Sciences (NUMS), Rawalpindi
- Law Graduates Scholarship Programme for Balochistan for Study Abroad
- Establishment of BUITEMS Sub campus at Qilla Saifullah and Muslim Bagh
- Bahawalpur Institute of Science and Technology, Bahawalpur
- Establishment of Federal University at Hyderabad, Sindh

Following development projects fo**r** establishment of national centres were also approved as an initiative to support R&D activities in the emerging technologies:

- Establishment of National Centre In Big Data and Cloud Computing (NCBC) at Lahore University of Management Sciences
- Establishment of National Centre in Robotics and Automation (NCRA) at NUST Islamabad.
- Establishment of National Centre in Cyber Security (NCCS) at Air University, Islamabad.
- Establishment of National Centre in Livestock, Breeding, Genetics and Genomics at PMAS-Arid Agriculture University, Rawalpindi.

5. Accreditation and Attestation

Accreditation Section

- Five higher education institutions (HEIs) were established.
- Three campuses of public sector universities were issued NOC.
- Fifty-five inspections were conducted for verification of available physical/financial and academic infrastructures.
- 13000 queries were responded from within country and abroad.

Foreign & Local Equivalence Section

- 24750 foreign equivalence cases processed.
- 19240 local equivalence cases processed
- 7500 *Deeni Asnad* equivalence cases processed

Attestation Section

- Attestation of 288527 documents through walk-in-mode
- Attestation of 30307 documents through courier
- 166400 Tickets issued to HEC Regional Centres
- 19 Cases were confiscated

6. Academics

A. International Collaborations

Nominations	Organizations / Institutions where Sessions / Meetings held during 2017-18	Total Number of Nominations
Inter-Ministerial Meetings (IMM) / Joint Ministerial Commissions (JMCs) / Joint Economic Commissions (JECs), etc. with respect to different countries for international collaboration.	Ministry of Federal Education and Professional Training / Ministry of Foreign Affairs / Economic Affairs Division / Ministry of Inter-Provincial Government.	30
Statutory Bodies of Centres (Board of Governors, Selection Board, Academic Committees)	Centres of Excellence, Area Study Centres, Pakistan Study Centres, Sheikh Zayed Islamic Centres (Total 27 centres are operating in different Public Sector Universities)	60

B. MoUs/ Agreements

Memoranda of Understanding (MoUs) / Agreements Processed / Signed	Fields for Collaboration	Number of Instruments Processed
Higher Education Institutions (HEIs) of Pakistan with Foreign Counterparts	Academic Mobility, Joint Research, Joint Publication, Joint Supervision of Dissertation, etc.	50
Renewal of Memorandum of Understanding (MoU) between HEC and National Accountability Bureau	For cooperation in the anti-corruption activities and to facilitate in raising awareness against corruption in HEIs of Pakistan	01

C. Reciprocal Visits of Academic Delegations during 2017-18

Bilateral Visits of Delegations	Country	Places Visited	Number of Delegates
Foreign Delegations Received	1. Gambia	• Higher Education Commission, Islamabad • Shaheed Zulfiqar Ali Bhutto University, Islamabad • COMSATS University Islamabad	05
	2. Somalia	HEC, Islamabad	03
	3. China	HEC, Islamabad	10
	4. Maldives	• NUST Islamabad • International Islamic University, Islamabad	11

		• COMSATS University, Islamabad • University of the Punjab, Lahore • Government College University, L • Lahore University of Management Sciences (LUMS), Islamabad	
	5. Thailand	• HEC Islamabad • Air University, Islamabad • Bahria University, Islamabad • COMSATS University, Islamabad • Ministry of Federal Education and Professional Training, Islamabad	06
Pakistani Academic Delegation(s) Visits Abroad	Belarus	Visited Belarusian Universities / Relevant Organizations	07

D. International Academic Events/ Training

Number of International Academic Events / Meetings / Trainings Circulated to HEIs	**Received From**	**Nominations Received from HEIs and Processed for Final Selection**
55	Different countries / international organizations vide Pakistan National Commission for UNESCO, Ministry of Foreign Affairs, Establishment Division, Economic Affairs Division etc.	130

7. LEARNING INNOVATION

Four batches of Master Trainers—Faculty Professional Development Programme (MT-FPDP) were organized under which 110 faculty members were certified. International Training Programme on Good Governance" at TUSSIDE Turkey was attended by 50 Best Performers of MT-FPDP.

- During 2017-18, 375 faculty members attended workshops and seminars under Continuous Professional Development (CPD) Programme.

- Under Modern University Governance (MUG) Programme, 20 Deans and HODs of HEIs attended the Leadership Training Programme in Civil Services College, UK in collaboration with the British Council. As many as 52 Deputy Registrars and Additional Registrars of HEIs were certified under the Leadership Training Programme in collaboration with the Turkish Management Science Institute (TUSSIDE), Turkey. Forty HoDs of Higher Education Institutions (HEIs) were trained under the two-day Workshop on Strategic Management at HEC Regional Centres in Lahore and Karachi.
- 12 ELT workshops in different higher education institutions trained 288 English faculty members.

8. SPORTS

- HEC Intervarsity sports events were held, including 32 for men and 22 for women players.
- HEC Intervarsity zonal events were held in seven major games at 57 venues across the country.
- Participation of PUSB/HEC teams in 24 national championships.
- Student players of PUSB/HEC won 22 Gold, 24 Silver and 46 Bronze Medals in national championships.
- As many as 187 student players were awarded Rs. 2.7 million as prize money.
- A total of 41 student players were awarded scholarships amounting to Rs. 1.3 million.
- PUSB/HEC granted Rs. 7 million to five public sector HEIs for development of sports infrastructure.

9. FINANCE

Recurring Grant Details 2017-18

Type of Grant **Amount in Millions**

Annual Recurring Grant	62,183.456
Supplementary Grant to meet the impact of increase in Pay, Pension and Allowances	1,000.00
Special Supplementary Grant for Islamia College University, Peshawar	20.00
Special Supplementary Grant for PM Tuition Fee Reimbursement Scheme for Less Developed Areas	2335.847
Total	**65,539.303**

ATIONAL VOCATIONAL & TECHNNICAL TRAINING COMMISSION

National Vocational and Technical Training Commission (NAVTTC) is an apex body and a National Regulatory Authority at Federal Level to address the challenges of Technical and Vocational stream in the country. It is involved in policy making, strategy formulation and regulation & revamping of TVET system. The Commission is establishing and promoting linkages among various stakeholders existing nationally and internationally. Since the inception of Commission, high priority has been paid to TVET Sector and maximum initiatives have been taken for timely addressing of issues faced by TVET Sector across the country.

ADMN AND FINANCE WING
FUNCTIONS:

The Admin & Finance (A&F) Wing of NAVTTC is headed by Director General (A&F). It is responsible for administrative matters, including General Administration, Finance and Human Resource Management. The A&F Wing prepares and implements HR Policies for optimal utilization of available HR, their benefits and career growth. It prepares budgetary estimations, financial disbursements, fund releases, maintain accounts of receipt and coordinate within / other external Departments / Ministries.

BUDGET ALLOCATION & EXPENDITURE UNDER PMYSDP FOR THE YEAR 2017-18

PROJECT/ PROGRAM	Original Budget	Technical Supplementary grant Rs: (M)	Surrender	Net Budget Rs: (M)	Expenditure Rs: (M)
Prime Minister's Youth Skill Development Programme	-	3,133.500	-	3,133.500	3,133.500

PLANNING AND DEVELOPMENT WING

FUNCTIONS:

Planning & Development Wing is responsible for preparing new projects, programs & plans for technical and vocational training, their appraisal, monitoring, evaluation and keep liaison with the international donors for financial & technical support. This wing also evolves training plans for training of trainers for their capacity building, modernizing Apprenticeship System and also suggesting the future policy for improvement of TVET sector in Pakistan. In addition to this, this Wing is also responsible for development of National Skills Information System that provides & facilitate various stakeholders on TVET Demand & Supply with timely & reliable information on skills available & required. Functions of the Wing are as under:-

- Project Development & Appraisals
- Monitoring & Evaluation
- Training of Trainers / Apprenticeship
- National Skills Information System (NSIS) Cell

ACHIEVEMENTS

PRIME MINISTER'S YOUTH SKILL DEVELOPMENT PROGRAM

The present government has initiated 06 programs across the country for the well being of Youth. As per directives of Prime Minister, Islamic Republic of Pakistan, National Vocational & Technical Training Commission (NAVTTC) is entrusted to execute Prime Minister's Youth Skill Development Program (PMYSDP). The program envisages the provision of hands-on skill to unemployed and less educated youth and also ensures the provision of equal opportunities for skill development to the inhabitants of under-developed areas at their door steps.

PMYSDP is a nation-wide program which circumferences the whole country including far-flung areas of Balochistan, rural Sindh, Southern Punjab, Azad Jammu & Kashmir, Gilgit-Baltistan & FATA. Training is being imparted in the developed as well as in less developed areas of the country by giving the special priority to the less developed areas from Sui to Astore and from Bajur to Bahawalnagar. The program is being implemented in collaboration with Provincial TEVTAs, Provincial Labour & Manpower Departments, Social Welfare Departments, Private Technical & Vocational Training providers, Armed Forces Institutes and private industry. All the training expenses are being borne by the Govt. of Pakistan and the trainees are paid monthly stipend @ Rs. 3,000 per trainee (in case of FATA Rs. 4,000). The seats under the program are distributed keeping in view the province-wise population, however, the disadvantaged areas like Balochistan, FATA, Gilgit-Baltistan and Rural Sindh are given high share while enrollment of trainees.

Since the inception of Prime Minister's Youth skill Development Program, a total number of 100,000 youth has benefitted from program, majorly belonging to middle, lower middle class and deprived segments of society. The program is primarily focused to prepare skilled manpower for National Mega projects like CPEC and other energy related project as CPEC is expected to generate approx. 2 Million Jobs for skilled manpower.

In continuation to above, Prime Minister's Youth Skill Development Program (Phase-IV) targeting provision of hands-on skills to 100,000 individuals in 02 batches with a project cost of Rs 6,196.5 Million has been approved by ECNEC. The training classes for 1st Batch comprising of 50,000 youth commenced w.e.f. 1st of November, 2017 and completed on 30th April, 2018. The training of 50,000 more youth under Phase-IV batch-02 has commenced w.e.f 15th May, 2018.

Under PMYSDP, NAVTTC is also providing the facility of Boarding & Lodging to 10,000 individuals belonging to far-flung and under developed areas of the country and making necessary arrangements for their skill development at appropriate places where state of the art skill development facilities are available. Other features of this program includes: Implementation of Competency based Training (CBT) as aligned with international set standards for skill development, provision of toolkits to the trainees on completion of training, Job Fairs / Skill Competitions to encourage Employer – Trainee interaction and enhancing employment chances of skilled individuals and Up-gradation of workshops / labs of public sector institutes located in highly deprived and under developed areas of the country.

Profile of Prime Minister's Youth Skill Development Program					
S#	**Features**	**(Phase-I) 2013-14 & 14-15**	**(Phase-II) 2015-16**	**(Phase-III) 2016-17 & 17-18**	**(Phase-IV) 2017-18 & 2018-19**
1.	Block Allocation	Rs. 800.00 Millions	Rs. 1178.00 Millions	Rs. 2630.00 Millions	Rs 6,196.5 Millions
2.	Target trainees	25,000	25,000	Batch-01 = 25,000 Batch-02 = 25,000 Total = 50,000	Batch-01 = 50,000 Batch-02 = 50,000 Total = 100,000
3.	Passed out trainees	24,834	24,459	48,055	47,000 trainees assessed and certified under Batch-01

					50,000 trainees under training in Batch-02
4.	Male / Female ratio	66 : 34	61 : 39	71:29	69:31
5.	No. of trades	100	195	95	117
6.	Trades highlighted by	Prime Minister's Office, TVET provincial stakeholders	Prime Minister's Office, TVET provincial stakeholders, Commercial welfare attachés	Prime Minister's Office, TVET provincial stakeholders, CPEC, Commercial welfare attachés, M/o OP&HRD	Prime Minister's Office, TVET stakeholders, CPEC, Commercial welfare attachés, M/o OP&HRD, Chambers of Commerce & Industries
7.	Amount of Stipend	Rs. 2,000 / month Rs. 3,000 (FATA Trainees)	Rs. 2,500 / month Rs. 3,500 (FATA Trainees)	Rs. 3,000 /month Rs. 4,000 (FATA Trainees)	Rs. 3,000 /month Rs. 4,000 (FATA Trainees)
8.	Training Period	12.05.2014 to 11.11.2014	17.08.2015 to 16.02.2016	**Batch-I:** 18.05.20 to 17.11.2016 **Batch-II:** 02.01.2017 30.06.2017	**Batch-01:** 01-11-2017 to 30-04-2018 Batch-02: 15th of May, 2018 to 14th Nov. 2018

Under this program the youth within the age bracket of 18 to 40 years is enrolled for the provision of hands-on skills in market-able, demand driven trades, enabling them to be useful citizen of Pakistan. In this regard, the priority is given to disadvantaged segments of society i.e. Less Educated, Upper age personnel, Lower class (Economically), Orphans, Disabled, Eunuchs, Sportsman, Hafiz e Quran, Madaris students & Widows.

ACCREDITATION AND CERTIFICATION WING

FUNCTIONS

- To establish internationally acceptable system of accreditation and certification for vocational & technical training [Sec 6(l) NAVTTC Act 2011]
- To enhance domestic and International employer's confidence in our workforce & to earn dignity, respect and recognition for Pakistan labour.
- To Implement a proper system of certification, trade testing & attestation to validate only genuine certification and check fraudulent practices. [Sec 7 (e)(f) NAVTTC Act 2011] To create quality labour force that can increase our remittances in turn.
- To Conduct International Coordination

ACHIEVEMENTS

NAVTTC is mandated to establish ***an internationally acceptable system of accreditation for TVET sector in Pakistan*** (ref. NAVTTC Act 2011, Section 6 (L)); in pursuance of which a national regime for Accreditation has been setup with the objectives:

- To *assure the quality of institutions and programs* by verifying that they meet requirements of established and acceptable international standards;
- To develop quality and *employability of workforce* in the country and abroad;
- To *enhance workforce mobility and mutual recognition of qualifications* within the country and abroad;

The Commission is establishing and promoting ***National & International Linkages*** and is a member of *Asia Pacific Accreditation & Certification Council* APACC ***and*** *UNESCO/UNIVOC Centre in Pakistan.*

Kuwait Declaration and *Abu Dahbi Dialogue* now declared to accept candidates from NAVTTC accredited Programmes only. The embassies are now approaching NAVTTC for sharing of nationally accredited Institutions/Programmes.

As accreditation was a new concept for Technical & Vocational Training Institutions NAVTTC conducted ***Workshops for preparing TVET Institutions for accreditation*** at Punjab, Sind, Baluchistan, Khyber Pakhtunkhwa, Azad Jammu & Kashmir and Gilgit-Baltistan (developed 17 Templates for TVET Institutions regarding preparation of documents).

ACCREDITATION MANUAL

- ✓ The countries in Asia and Pacific Region are recognizing the critical role played by TVET in economic development. The significant changes in the global environment, in particular, the emergence of a worldwide labor market, in one way or another, bear heavy role, functions, shape and the mode of operation of TVET systems all over the world. Accreditation of training programs and institutions is an established practice all over the world. This practice has taken roots in developed countries whereas the developing countries are in different stages of its establishment in Quality Assurance of training programs and institutions.

- ✓ The Commission apart from other reforms, has established a national accreditation system for TVET sector in Pakistan i.e. both for Technical & Vocational stream under the Provision of NAVTTC Act, 2011. 1st Manual was developed in 2012 and subsequently getting the feedback of Accreditation Assessors and other TVET Stakeholders, a thorough revision of the Accreditation Manual was carried every year which is a regular feature.

The Accreditation System includes following:-

- Accreditation of TVET Programme/Disciplines etc
- Accreditation of Qualification Awarding Bodies (QABs) for CBTA under NVQF
- Accreditation of Institutes and
- Centre of Excellence (CoEs)

MEETING OF TVET ACCREDITATION QUALITY EVALUATION COMMITTEE (TA&QEC) & ACCREDITATION OF TVET PROGRAMS AND QUALIFICATION AWARDING BODIES

- ✓ 12th meeting of TVET Accreditation & Quality Evaluation Committee (TA&QEC) was held on 27-28 June, 2018 at NAVTTC HQs. The Forum discussed in detail Accreditation Reports of Trade Testing Boards Lahore, Baluchistan and NTB, Islamabad who were also granted accreditation status to run and assess Competency Based Training/Assessment and issue National Certificate on new qualifications under National Vocational Qualification Framework (NVQF). Revised Accreditation Manual for Institute's Accreditation was also discussed and approved. Up till now after 12th TA&QEC Meeting, this Commission has accredited 1436 programs/disciplines of 336 TVET Institutes.
- ✓ NAVTTC is also establishing 05 Centre of Excellence (COEs) across the country to carry out Research & Development (R&D) in TVET and ensuring technical & Vocational Training as per international standards. Details of these COEs were also shared with the Committee for accreditation. The Committee highly appreciated the initiative and approved initial accreditation of these COEs to start work.

CAPACITY BUILDING WORKSHOPS ON ACCREDITATION SYSTEM

Three capacity building workshops were conducted for preparation of the TVET institutes on revised accreditation manual for Institute's Accreditation at Sindh, Karachi and Lahore.

ORIENTATION ON REVISED ACCREDITATION MANUAL FOR INSTITUTE'S ACCREDITATION TO ACCREDITATION ASSESSORS

- ✓ After the successful implementation of Program Accreditation in TVET Sector, NAVTTC is now shifting to the Institute Accreditation. It is expected that Institute Accreditation will enhance the employability of skilled manpower in the region. In this regard, Orientation/ Capacity Building Orientation Sessions have been held at Karachi, Lahore and Islamabad to prepare Assessors to conduct Accreditation of Institute's as a whole. International Accreditation Expert (Mr. Volker from Germany) was the trainer along with the team of NAVTTC/GIZ. National Vocational & Technical Training Commission (NAVTTC) is striving towards bringing quality culture in the TVET Sector of Pakistan. Assessment tool has been prepared on international standards/best practices and first draft of Institute Accreditation is ready for launch.

INTERNATIONAL TVET CONFERENCE

The 2nd International TVET Conference was organized at Islamabad on 3-4th May,2018, wherein 20 countries participated very warmly including japan, Australia, United Kingdom, Malaysia, china, Tajikistan, Uzbekistan, Srilanka, Iran, Japan, Oman , Kuwait, Uzbekistan, Tajikistan, Kazakhstan, Iran were among the participants.

CAPACITY BUILDING SESSION/ INTERNATIONAL LINKAGES

NAVTTC has also arranged ***Capacity Building Sessions*** in collaboration with *Colombo Plan Staff College* ***(CPSC) on 26-27 August, 2017*** and we are moving forward to have International Linkages with reputable accrediting bodies around the world. ***NAVTTC is Partner*** to **T**VET **R**EFORM **S**UPPORT **P**ROGRAMME (TRSP) and is working with its Executing Partner ***GIZ*** and Cooperating Partners **TEVTAs** and all other relevant stakeholders from Public and Private Sector.

NAVTTC has entered into more International collaborations and has signed Memorandum of Understanding with *City & Guilds & Skills International* in December 08, 2015. In its implementation NAVTTC is now pursuing joint venture with City & Guilds in training and double badge certification in order to ensure overseas employment of skilled workforce.

CERTIFICATION

- Printed 100,000 National Certificates and Distributed the same to NAVTTC pass out trainees till July, 2017
- Printed 100,000 National Certificates and Distributed of the same to NAVTTC pass out trainees till November,2018
- Hunermand Program certificates printed and distributed among the pass out graduates.
- Involved 500 industry representative as part of assessor's pools for final assessment of PMYSDP training courses.
- Developed data bank of 2000 question to be used for final assessment of PMYSDP trainee's assessment.
- 25000 trainees have been assessed by the NAVTTC HQS through transparent and neutral Final examination / assessment
- Devised attestation and Verification of TVET Certificates SoP Activities (Development of Software and Revised Notification of Sop) .It's an ongoing activity, all the trainees going overseas for employment has to get their credential attested verified by NAVTTC HQs and its regional Offices
- Concluded Training of five Qualification Awarding Bodies (QABs) on Competency Based Training & Assessment (CBT & A)

SKILL STANDARDS AND CURRICULA WING

FUNCTIONS:

Development of National Vocational Qualifications

- Establishment of linkage between Industry and TVET through Sector Skill Councils (SSCs)
- Establishment & implementation of National Vocational Qualifications Framework (NVQF)
- Revision of curricula for Diploma of Associate Engineering (DAE)
- Implementation of Recognition of Prior Learning (RPL) Exercise for certification of Informal Sector Workforce

ACHIEVEMENTS

NATIONAL VOCATIONAL QUALIFICATION FRAMEWORK (NVQF)

NAVTTC has successfully launched National Vocational Qualification Framework (NVQF) in 2015. The second version of NVQF was launched in October, 2017. The Framework lays down principles and guidelines for vertical and horizontal mobility of TVET Trainees in the vocational stream. It also recognizes prior learning and envisions to take into loop the informal labor force that has learned skills through traditional discipline of Ustad-Shagird. NVQF will be beneficial for students, employers and the Government.

SECTOR SKILLS COUNCILS

Sector Skills Councils (SSCs) are employers-led organizations that cover specific industries. They have four key goals:-

- to reduce skills gaps through identification of demand-driven skills in the local and international markets
- to develop national skills and assessment standards
- to conduct assessment of trainees
- to support employers in developing and managing apprenticeship standards

SSCs aim to achieve these goals by developing an understanding of the future skills needs in their industry, and contributing to the development of National Skill Standards.
The NAVTTC has currently established 02 SSCs i.e. Construction and Hospitality. In addition to that 02 more SSCs of Textile and Agriculture sectors are almost finalized.\

COMPETENCY BASED TRAINING (CBT) PROGRAMS

NAVTTC has implemented more than 15 Competency Based Training (CBT) courses related to Construction, Light Engineering, Hospitality, Textile, Agriculture, Fashion & Beauty and Information Communication Technology industries in 56 institutes across the country.

NAVTTC has also developed competency standards, curricula and assessment standards for more than 100 National Vocational Qualifications (NVQs) of different levels in various sectors of the economy.

RECOGNITION OF PRIOR LEARNING

NAVTTC through Recognition of Prior Learning approach assessed and certified about 5000 individuals. These skilled workers gained these skills through ustad-shagrid system. The certification is enabling them to get their skills recognized and acquire certification to be employed in local and international job markets.

CAPACITY BUILDING

NAVTTC has trained more than 600 individuals from Public and Private sector TVET providers who will conduct the competency based assessment across the country. In addition to that more than 350 Institutes' Managers, Chief Master Trainers and Lead Assessors have been trained who will implement the CBT courses and conduct the trainings through cascading models across the country.

NAVTTC under TVET Sector Support Program has established Qualification Awarding Bodies (QABs) in 04 provinces which will arrange CBT Assessment in the respective provinces.

EXPECTED IMPROVEMENTS (SOCIAL FACTORS)

- The NVQF will standardize the TVET system in the country
- Competency based training enable the TVET graduates to get the demand driven skills and get employment
- The capacity building of TVET related individuals and institutes will ensure the quality training in the TVET system of Pakistan
- Informally obtained skills will be formalized through RPL interventions, to enhance the employability of Pakistani youth

ATIONAL EDUCATION FOUNDATION ISLAMABAD

National Education Foundation (NEF) was established in 1994 through Cabinet Resolution and became operational in 1996. In 1997 Federal Teacher Foundation was also merged with it. In order to make NEF a more vibrant and effective organization, it was restructured as corporate body through Presidential Ordinance in April, 2002. Through this ordinance NEF has been assigned the mandate to promote basic education through Public Private Partnership in FATA, Gilgit Baltistan, AJK and ICT.

VISION: Providing quality enabling education through public private partnerships for disadvantaged group.

MISSION: To become vibrant catalyst for quality enabling education through support to private and non- governmental sectors by mobilizing sufficient resources as an effective self sustaining organization.

OBJECTIVES: The objective of the organization to promote to quality and gender sensitive education in the territories of "Federally Administered Tribal Areas".

I. Promotion of education through Public Private Partnership:

II. Capacity building of the organization working in education sectors.

III. Research & Development by providing support to organization engaged in education development, research assessment and evaluation.

Contribution in Education sector

National Education Foundation has been working in the development sector especially in the field of education since 1996. NEF has a history of tangible contribution in the field of education. NEF has been given mandate to cater for the children of disadvantaged group of Federal Administered Areas i.e. FATA, Gilgit Baltistan, AJK and ICT. NEF has so far established 800 Community Schools in Federal Administered Areas i.e. ICT, FATA, Gilgit-Baltistan, & AJK and handed over to Directorate of Basic Education and Community Schools Islamabad for operation. NEF laid the foundation education voucher program with financial assistance of World Bank and Japan Social Development Fund in 2004. Under this scheme NEF enrolled/ supported 6,123 children through voucher from 2004 to 2010. NEF has other contribution in these areas like micro financing, provision of free books to libraries and students, capacity building of teachers etc.

Allocation for year 2017-18

NEF has two regular programs i.e. Community Model Schools and Scholarship and Financial Assistance Program for which Rs.15.142 million and Rs.3.137 million was allocated respectively for FY 2017-18. During the FY 2017-18, no cost extension of Rs. 16.00 million was allocated by the Planning Division relating to the Project "Vocational Schools through

Public Private Partnership". National Education Foundation runs its regular programs out of the return on its Endowment Fund.

Major activities carried out during FY 2017-18

The following activities were carried out during FY 2017-18

S.#	Programs/ Projects	Description/ Activities during FY 2017-18
1	Community Model Schools of AJ &K	Managing & Operation of 43 Community Model Schools located at Muzaffarabad AJ &K under the Program Sustainability of Community Model Schools established by NEF by providing the honoraria of 121 teachers and 40 Ayas of AJK. **Activities:** a) Provided of free text books to 3,630 students of these schools during the FY 2017-18. b) Provided honoraria to 121 teachers
2	Scholarship and Financial Assistance Program	Awarding scholarships to the children's of Federal Government Teachers and financial assistance to the widows of Federal Government Teachers. **Activities:** a) Awarded scholarship to 328 students and financial assistance to 36 widows.
3	Vocational Schools through Public Private Partnership	a) A pilot Project with titled "Vocational Schools through Public Private Partnership" was started by National Education Foundation w.e.f July, 2016 in 12 private schools located at ICT, AJK, FATA and Gilgit Baltistan approved by the DDWP for year 2016-17. b) In the year 2016-17, 50 million rupees were provided by Planning Division in the management of NEF for the Vocational Schools Project, which could not be fully completed due to non provision of funds in time. Moreover, for the financial 2017-18 no cost extension amounting to Rs. 16.00 million were provided by the Planning Division The main objective of the project is to provide the vocational education from Class 6th to 8th along with formal education. **Activities:** Following Technical/Vocational trades under this Program are being taught a) For Male students, Electrical, Mobile Repairing, Welding, AC and Refrigeration, Plumbing etc. b) For Female Students, Stitching and Fashion Designing, Beautician, Embroidery etc. c) About 2352 students have been enrolled and fee payment to schools d) Developed vocational curriculum for class 7th and distributed among students e) Development of vocational curriculum for 8th is nearing completion

		f) Established workshops in 11 schools g) Project staff office equipments were h) ++-purchased i) Workshop standards were developed j) Carried out monitoring
4	Financial Assistance to Al-Firdous School, Islamabad	a) Provided financial assistance to Al-Firdous School having 11 teachers and 330 students up to primary level. b) Provision of free text books to 330 students of this school

Contribution to Vision 2025

The programs and projects of NEF are contributing to the human and social capital improvement of country. The vocational project of NEF is a source to develop knowledge based economy imparting skills in the disadvantaged group of society.

Future plans

National Education Foundation will run its regular programs out of return of endowment fund for coming years. Moreover, NEF is keen to extend the project titled "Vocational Schools through Public Private Partnership" for which information has been provided to the Planning Division for the next four fiscal years, but there has not yet been any approval received by the Planning Division. The continuation of this project depends upon the approval of revised PC-I under consideration by the Planning Division.

DIRECTORATE GENERAL OF BASIC EDUCATION COMMUNITY SCHOOLS

Establishment of Non-formal Basic Education Community Schools (BECS) for out of school children is an innovative initiative. Directorate General of Basic Education Community Schools (BECS) is running 12,304 Non-Formal Primary Education Schools in all the four provinces including Azad Jammu –o- Kashmir, Gilgit Baltistan, ICT and Federal Administered Area (FATA).

The **objective** of BECS is *"Strengthen non-formal approach to supplement the formal education, for eradication of illiteracy and achievement of Universal Primary Education (UPE) as envisaged by Constitution of Pakistan's Article 25-A, and in MDGs, by extending free, flexible and modern basic education opportunities to out-of-school children and youth, having no access to the formal system of education, especially disadvantaged children, girls and special children, for an equitable society."* The current enrolment in the BECS Schools is 454,529 students. More than 5 million out of school children have been educated so far by BECS.

DESIGN / MODEL OF BECS SCHOOL:

The BECS Schools have single teacher, single home based room for school (Class I to V) where the premises is provided free of cost by the community. Education in BECS schools is free from the very beginning. In each BECS School, 30 learners of age group 4-16 years are mandatory. Single teacher is responsible for all the classes of the school by adopting multi-grade teaching methods; based on formal school curriculum. The teachers' honorarium, utility

bills, Teaching Learning Material (TLM) and text books are provided by the Government of Pakistan. At the end of grade five, formal sector conducts the examination and allows admission in grade six in formal schools.

PROVINCE / AREA WISE BEC SCHOOLS & ENROLMENT

S. No.	Province/ Area	Number of Schools	No. of Students		Total Enrollment
			Male	Female	
1	Punjab	5,687	90,741	127,796	218,537
2	Sindh	1,674	29,762	34,509	64,271
3	Khyber Pakhtunkhwa	1,399	16,361	35,793	52,154
4	Balochistan	607	8,555	10,199	18,754
5	Azad Jammu & Kashmir	203	3,803	4,219	8,022
6	Gilgit-Baltistan	1,425	18,287	28,323	46,610
7	Federally Administrated Tribal Area (FATA)	1,061	21,396	15,416	3,6812
8	Islamabad Capital Territory	248	4,466	4,903	9,369
G.Total		**12,304**	**193,371**	**261,158**	**454,529**

CHIEVEMENTS OF THE BASIC EDUCATION COMMUNITY SCHOOLS (BECS)

- Presently 12,304 BECS with enrolment of 454,529 students
- Teacher student ratio is 1:37;
- 357,482 students qualified 5th Class Examination (2007-2018);
- 27,061 students graduated during F.Y 2017-18;
- Pass Percentage for F.Y 2017-18 is 89.5 %
- 218,998 Free of cost "Noorani Qaidas" distributed all over Pakistan;
- 944 BECS teachers trained in "Nazrah" at Karachi;
- Gender Empowerment ensured through BECS, as 80% of teachers & 55% of students are females;
- Regularization of BECS employees;
- Prepared an eight minutes documentary on BEC Schools for the projection of BECS,
- Letter of Understanding (LoU) has been signed between Basic Education Community Schools (BECS) and Japan International Cooperation Agency (JICA) for institutionalization and promotion of Non-Formal Education (NFE) at all levels to provide access to quality non-formal education under constitutional Article 25-A.

- Establishment of Complaint Cell and installation of Toll Free Number: 0800-99999 at Head Office for immediate redressal.
- Conversion of Basic Education Community Schools into Full-Service Community Schools (FSCS). Initially, MoU was signed with NGO namely "Haadi Foundation" for

provision of free of cost heath facilities in the BEC-Schools of Peshawer and Mardan; beneficiaries of this service till date are 2462.

- MoU Signed with Pakistan Mammon Women Educational Society (Sindh) on 20th April 2018 to provide health services to the learners of 295 BECS of Karachi, installation of hand pumps and capacity building of BECS teachers. Honorable, Senior Joint Secretary (PT) was the guest of honor of the ceremony.
- Re-opening of 129 BEC-Schools in North and South Waziristan.
- Work orders for purchase of textbooks to BECS learners for academic year 2018-19;
- Encourages active participation of community by mobilizing through Village Education Committees (VECs).
- Categorization of BECS and preparation of monitoring strategy accordingly.
- Preparation of Resource Mobilization Strategy (RMS) Coordination with donors for provision of missing facilities.
- Partnership and linkages with:-
    - Haadi Foundation
    - American Refugee Committee (ARC)
    - Pakistan Mammon Women Educational Society (Sindh)
    - Right to Play
    - Peshawar Model School
    - Benazir Income Support Programme (BISP)
    - Shifa International
    - Hashoo Foundation
    - USAID Pakistan Reading Project
    - Gilgit Baltistan Rural support Program (GBRSP)
    - Society for Drug Prevention and Rural Development (SDPRD)
    - Pakistan Alliance for Girls Education (PAGE)
    - National Rural Support Program (NRSP)
    - Tele Taleem Pakistan.

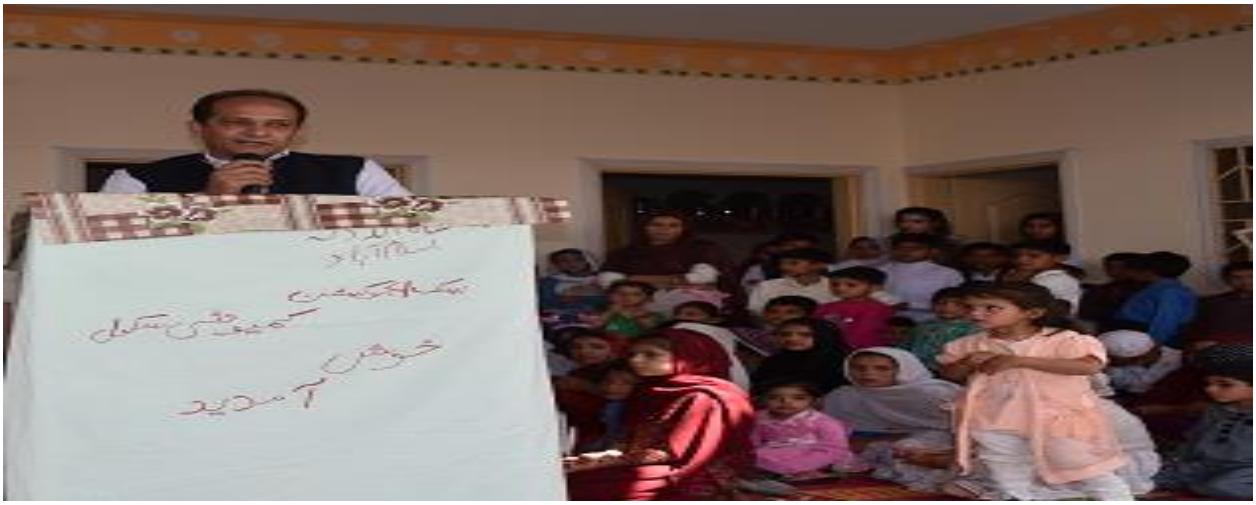
- Case for declaration of BECS as department is under process;
- Revision of existing PC-I with insertion of smart/real-time monitoring system.

Summary of BECS Class 5th Result 2017-18

S.#.	Province/Area	Appeared	Passed	%
1	Punjab	9,468	8,139	86
2	Sindh	12,353	12,085	98
3	Khyber Pakhtunkhwa (KP)	2,370	2,135	90
4	Federally Administrated Tribal Areas (FATA)	1,897	1,664	87
5	Balochistan	565	482	85
6	Gilgit Baltistan (GB)	2,550	1,698	66.5
7	Azad Jammu & Kashmir (AJ&K)	444	389	88
8	Islamabad Capital Territory (ICT)	587	469	80
G.Total		**30,234**	**27,061**	**89.5**

Pictorial View of BECS:

DG BECS, Mr. Muhammad Abbas Khan visited BECS School Islamabad in different places.






WEL
BECS



Honorable Secretary FE & PT, Mr. Shoaib Mir visited BECS Schools Islamabad in different places.

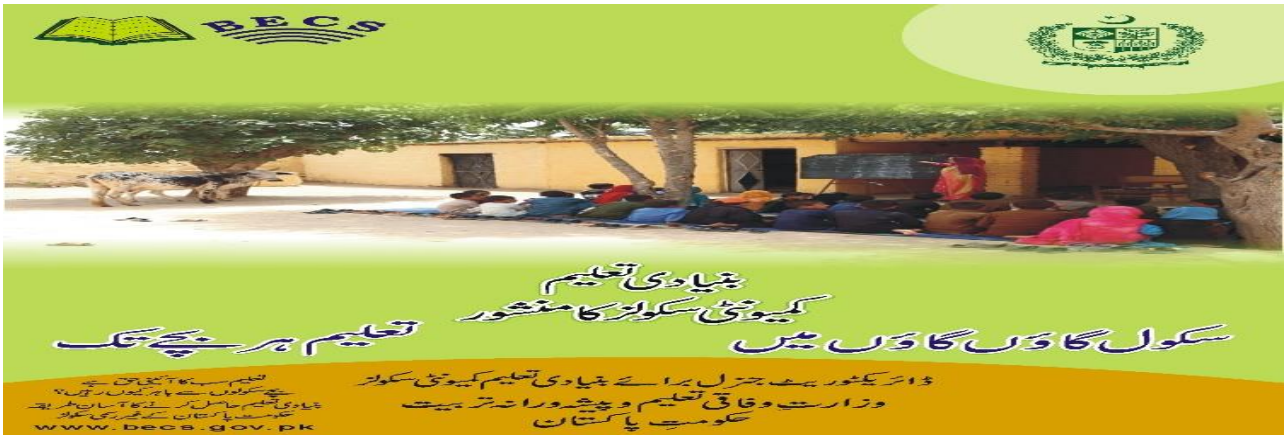


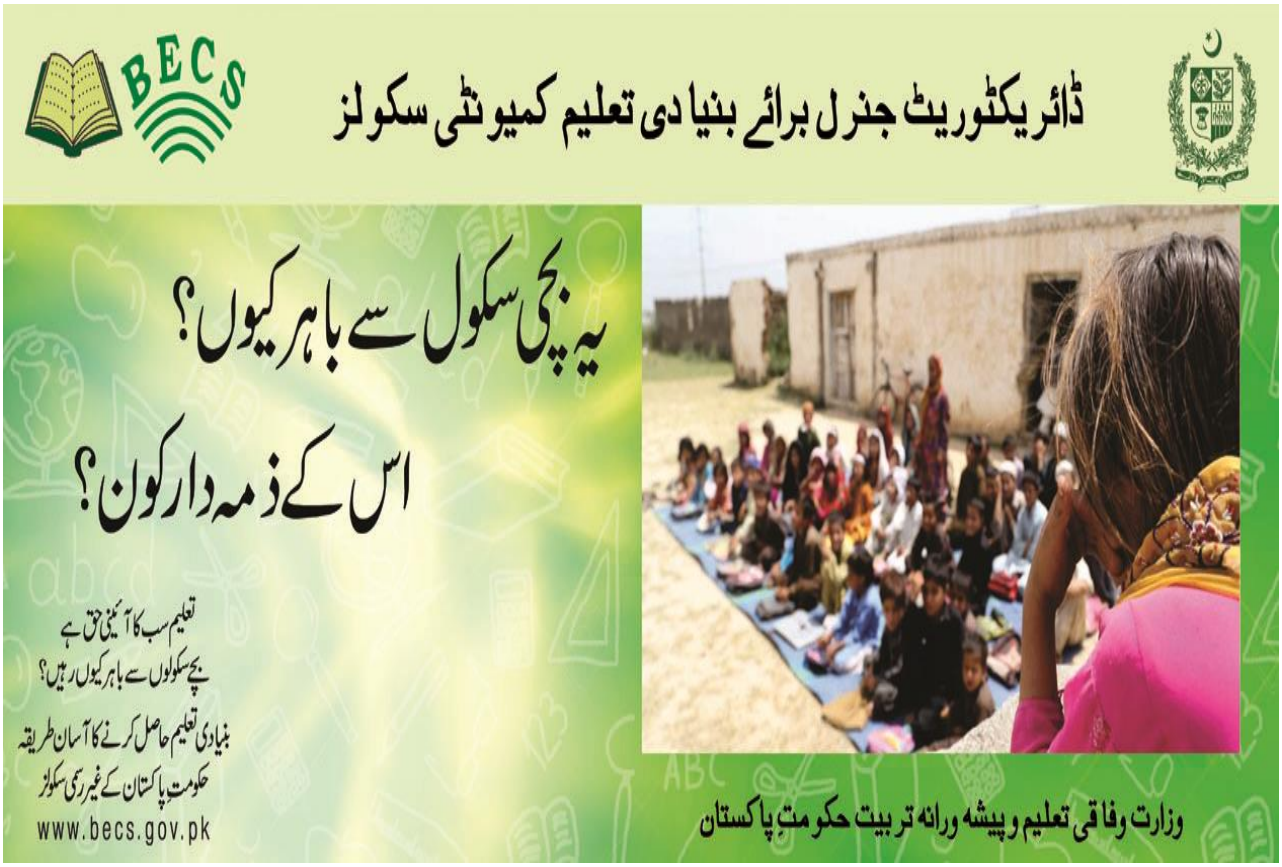
Honorable Secretary, Sr. JS & DG BECS visited BECS Schools Islamabad in different places






BECS
Towards Social and Gender Equality
Education is a basic Right of every child
Why should any child be out of school?
Easiest Way to Education: BECS Schools
Govt of Pakistan
Government of Pakistan
MINISTRY OF FEDERAL EDUCATION AND PROFESSIONAL TRAINING
DIRECTORATE GENERAL OF BASIC EDUCATION COMMUNITY SCHOOLS
www.becs.gov.pk Taleemi Chowk, Jhelum Road, G-8/4, Islamabad


BECS
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تعلیم ہر بچے تک
ڈائریکٹوریٹ جنرل برائے بنیادی تعلیم کمیونٹی سکولز
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اس کے ذمہ دار کون؟
تعلیم سب کا آئینی حق ہے
بچے سکولوں سے باہر کیوں رہیں؟
بنیادی تعلیم حاصل کرنے کا آسان طریقہ
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MoU signing ceremony between BECS and Hashoo Foundation



Group Photo of Pasdar and BECS Management at BECS Head Office, Islamabad



NATIONAL COMMISSION FOR HUMAN DEVELOPMENT (NCHD)

SECTORAL OVERVIEW:

1.1. GENESIS OF NCHD:

National Commission for Human Development (NCHD) was established by the Government of Pakistan in July 2002, under the presidential Ordinance No. XXIX of 2002 as a statutory autonomous body of the cabinet division. Currently NCHD is working through administrative control of the Ministry of Federal Education and Professional Training, Islamabad.

The objective of the NCHD is to "promoting Human Development by supporting government line departments, nongovernmental organizations and elected officials at the district level in Primary Education, Literacy, income generating activities and basic health care services".

1.2. VISION OF NCHD: "A fully literate society where quality education is ensured for all Children of Pakistan up to secondary level.".

1.3. MANDATE OF NCHD: The mandate of the Commission as listed in section 7 of the NCHD Ordinance is as under;

"To formulate, approve, manage, promote, enhance, implement, execute, monitor and organize its support programs and projects for assistance to the line ministries, departments and agencies concerned, inter-alia, for:

i. Capacity building, training and enhancement of competency of Governmental functionaries and line departments.
ii. Literacy and non-formal basic education programs,
iii. Programs to assist in Universal Primary Education,
iv. Programs to assist in Primary Health Care;
v. National volunteer program to assist in the social sectors;
vi. Global resource mobilization
vii. To undertake research studies and surveys to assess the needs and requirements in for extending scope, activities and disseminate information.
viii. To keep informed the Federal Government and respective Provincial Governments and their District Administration of its programs and projects being carried out by it in the performance of its functions.
ix. To assist the social sector in Global Resource Mobilization including finances, intellectuals expertise and talent. To perform such other functions as may be incidental or ancillary to the execution of its programs and projects.

2. ALLOCATION FOR THE YEAR 2017-18:

NCHD submitted PC-1 titled "Improving Human Development Indicators in Pakistan with a focus on MDGs relates to Education and six EFA goals" for implementation in

115 Districts of Pakistan with literacy rate less than 50%. (59 Focused Districts, 47 Tehsil with low literacy rate and 9 Agencies of FATA). The overall goal of the project is to support the Government of Pakistan in achieving the MDGs and EFA Goals related to education. The overall cost of the PC-1 is Rs. 2365.83 Million and allocation for FY 2017-18 is Rs. 737.18 Million (PSDP Funded).

3. MAJOR ACTIVITIES PERFORMED DURING 2017-18:

a) **EDUCATION: Main Component of the Project:**

I. Universal Primary Education (Continuation of 5949 Feeder Schools with 6581 Feeder Teachers with 335,146 students enrolled)
II. Adult Literacy (established 6000 Functional Literacy Centers)
III. Established National Institute for Literacy and Non Formal Education

i. Universal Primary Education (UPE) Program:

NCHD is working with the government education departments in Primary Education to achieve the targets set out by vision 2025 and SDGs.

Objectives: Support the provincial governments to:

- Increase enrollment up to 100%
- Reduce dropout rate
- Improve Quality of Education in Feeder Schools and
- Provide access to education through the establishment of Feeder Schools in remote areas of the country.

NCHD provided 6581 Feeder Teachers in 5949 Feeder Schools in Less Developed Areas of the country and provided access to education to 310,146 students. These students are on EMIS of District Education Department.

ii. NCHD LITERACY PROGRAM:

The specific objectives of the NCHD Adult Literacy Program are to:

- Achieve 90% literacy rate as envisaged in vision 2025 of the Government of Pakistan.

- Participant manual for TOT on functional literacy has been prepared including 10 skill development primers.
- Training of Master trainers i.e. Managers and Provincial Coordinators, at national completed.
- Training of District Program Managers (DPMLs) completed in all provinces.
- Literacy books (Book 1, 2, 3 and Math) have been provided to all districts.
- Local Area Supervisors/ Teachers have been hired in ICT and Gilgit Baltistan. 137 centers have been finalized.
- Social Mobilization process is going on in other provinces.

- Functional literacy guidebook and primers have been reviewed and being processed for printing and further distribution.

NCHD sets up Adult Literacy Centres in local communities of remote and backward areas providing basic literacy skills to the individuals especially women in the age group of 11-45, who were either never enrolled before or dropped out of school before completing primary education cycle. So for NCHD has established 164,190 Adult Literacy Centres completed in less developed areas where 3.84 million people are made literate (90% of whom are females).

iii. **Establishment of National Training Institute for Literacy and NFE:** NCHD planned to establish a National Training Institutes for Literacy & Non Formal Education in the country. In this regards a state of the art institute was established in Islamabad in the month of March,2017 and the activities like material development, Trainings of field staff and liaison development with different stakeholders are performed during 2017-18.

4. DONOR FUNDED PROJECT

4.1. Establishment of ALCs in District Jail Sargodha and Jang:

NCHD has established 09 adult literacy Centres in district Jails of Sargodha and Jang. Teachers have been hired from the respective prisons and Salary of teachers are being paid by the local philanthropist. NCHD had provided training to teachers and NHCD has also provided books to learners and teachers

4.2. Establishment of 12 NFBES with a financial support of JICA in Rural Islamabad:

The project envisages providing primary education through Non Formal stream with special focus on female enrollment. NCHD in collaboration with Federal Directorate of Education and JICA will establish 50 Non Formal Education Schools in Islamabad. 12 NFBE School is functional in Islamabad. Special learning course for the Out of School Children of age 10 to 16 years has been designed and the learners will complete their primary education cycle in 36 months. After completion of grade 05 they may continue studies in formal schools or they could join Technical Training Institutes.

4.3. ESTABLISHMENT OF 2,000 ADULT LITERACY CENTERS FUNDED BY PHDF

NCHD is going to Establish of 2,000 Adult Literacy Centers (ALCs) in all provinces of Pakistan for the age group of 15 to 45 years, Making 50,000 persons literate, mainly women, in order to contribute to the targeted literacy rate i.e. 90 % by 2025 and Enhancing the level of understanding of learners towards the education of their children.

ANNEXURE -I

BRIEF OF FEDERAL BOARD OF INTERMEDIATE AND SECONDARY EDUCATION (FBISE)

The Federal Board of Intermediate and Secondary Education (FBISE), Islamabad, was established in 1975 by an Act of Parliament of Islamic Republic of Pakistan. The Board exercises

powers conferred on it by or under this Act in respect of the institutions within country and abroad, as seek affiliation of the Board.

The main objective of the establishment of the Board is to hold and conduct examinations at Secondary School and Higher Secondary School levels regarding those institutions which stand affiliated in the fold of FBISE, Islamabad.

ANNEXURE -II

FBISE STRUCTURAL REFORMS 2014-18: A SUCCESS STORY

Substandard quality of high stake examinations coupled with non-standardized examination output of various boards at secondary and higher secondary school levels are serious concerns of employers in recruitment, universities for admission, policy makers in national benchmarking of educational system, ultimate erosion of public trust in inland examination system and their increased inducement to alternate examination system offered by foreign examining bodies as threats were the basis for rationale of this reform agenda. Strategy designed was to improve access to various pre-and-post examination services to rebuild shattered confidence in inland system; stitch ignored but desired qualitative attributes in the existing examination system to hedge against outflow of foreign exchange; reduction in horizontal educational inequality through improvement and standardization of national examination structure; and, developing effective monitoring and evaluation system to improve overall governance of the organization.

Major Initiatives Undertaken

To improve overall functioning in both short and long run, a well defined multifaceted and holistic approach addressing academic, administrative, technical and financial aspects based on the canons of clarity, brevity, simplicity, certainty, convenience and economy have been defined and are being executed coherently as summarized below:

Remote trouble-free access through Value Chain e-Solutions and One Window Operations for efficient,

reliable & transparent pre-and-post examination services through:

i.	Online Fee Payment	**ix.**	Online Roll Number Slip & its Correction
ii.	Online Admission	**x.**	Online Paper Rechecking Application
iii.	Online Intimation of Results	**xi.**	Online Application for Migration Certificate
iv.	Online Duplicate Marks Sheet	**xii.**	Online Application for Change of Subjects
v.	Online Verification of Documents	**xiii.**	Online Application for Cancellation of Result
vi.	FBISE Mobile App	**xiv.**	SMS Alert
vii.	Online Chat Room	**xv.**	Online Appointment with Senior Management
viii.	Online Registration		





A. Value Chain e-Solutions

Online Chat Room is so effective that there is no need to visit FBISE office or to make call or write and email and wait for reply. Just visit www.fbise.edu.pk and seek the desired information directly from staff dedicated for the purpose. Online Chat Room remains responsive from 0800-2400 hrs during seven days a-week. Documents applied through online are sent to the client through courier services within 24 hours with electronic intimation at each step .i.e.

Acknowledgment of application, approval or discrepancy and

B. One Window Operations To provide prompt and trouble free access to various services of board, a state-of-the- art One Window Cell (OWC) equipped with following facilities is serving the visitors :

C. Panoramic view of One Window Cell

i.	Queue Management System (QMS)	**vii**	Dedicated counters for ladies & senior citizens
ii.	KIOSK machines for self help to prepare and print applications	**viii.**	Tuck Shop, Photocopier and clean drinking water fountain
iii.	Bank and Post-Office Counters	**ix.**	Dedicated Computer Work Stations equipped with Cameras for online submissions
iv.	Dedicated Waiting Area & Wash Rooms		
v.	No Concept of Tomorrow	**x.**	95% services rendered within 30 minutes
vi.	Separate Reception @ Delivery Counters		

QUALITY

Improved examination system through capacity building and enabling environment to match in-house talent with growing market needs by establishment of Quality Enhancement Cell for:

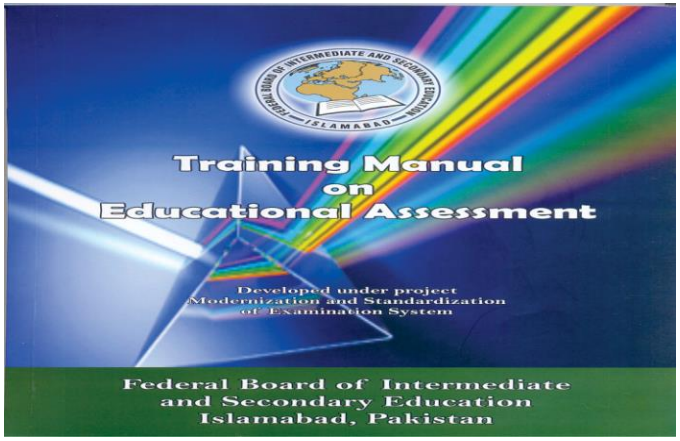
i. Establishment of Training Laboratory equipped with latest electronic gadgets including 40 personal computers, printers, multi-media projector; Wide Area Networking with access to Internet facility and initiation of training programs thereafter.

ii. Development of two Training Manuals in collaboration with foreign and local experts. The documents prepared under supervision of Professor Norman Reid, University of Glasgow bring together numerous findings from carefully conducted research to provide a picture of ways forward for assessment.

iii. Instructional Guides contain revisited and elaborated SLOs of each topic at more disaggregated or micro level aimed to move from rote learning to higher cognitive levels to meet 21st century skills.

iv. Capacity Building include training of Master Trainers, Examination Staff, Educational Managers, Board Employees, etc. by the local and foreign experts from April 2016 onward participated by paper setters, markers and examination supervisory staff of FBISE, other BISEs of the country and from Deeni Madaris. All such developed facilities and expertise have been offered to all BISEs of the country for their development and standardization of examination system at national level. Detail of







trainees and duration of each training completed till January 2018 is as under:

- 35 Master Trainers (Two trainings of 05 full days each one by local and one by international experts)
- 1201 Paper Setters/Markers in 44 trainings of 05 full days
- 200 Educational Managers in 06 trainings of 04 full days

v. Departure from Pencil to Pixel through Online Examinations and E Marking (OMR/OCR & On Screen) for valid and reliable marking through qualified staff across the country as pilot test from Supplementary Examination 2017.

vi. Revisit of SLOs to elaborate each topic at more disaggregated or micro level to develop teaching guide aimed to move from rote learning to higher cognitive level by developing instructional guides in selected subjects at the first instance. The assessment and evaluation of the board will be aligned with SLO's instead of books in future.

vii. Revisit of outmoded academic rules in conformity to changed scenario with focus on canon of simplicity, convenience, certainty and economy.

viii. Panel marking (compulsory & science subjects) to reduce variance amongst examiners and enhancement of monetary compensation of supervisory and assessment staff up to 30 percent to attract highly qualified and experienced persons for qualitative improvement.

ix. Reconstitution of academic committee and committees of courses as per proviso of Act and Regulations for seeking advice on academic matters. These committees were nonexistent since 2002.

x. Development of a set of four multiple objective papers, initially for compulsory and science subjects aimed to improve transparency and fairness during examination.

xi. Gradual departure from rote learning to higher cognitive levels and publication of Examiners' Reports for quality of examination and guidance for teacher-students to prepare for examinations effectively.

xii. Reduction in number of substandard examination centers by administering papers of compulsory subjects into two groups, initially at HSSC levels.

xiii. Development of Question Item Bank and reduction in number of substandard examination centers etc for enhanced validity and reliability of examinations.

xiv. GIS Mapping and Ranking of all affiliated institutions on basis of on-ground survey through a comprehensive structured questionnaire covering physical and human resources, facilities, academic environment, pedagogy, examination output etc. aimed to educate the public in choice of right institution, effective monitoring and promotion of healthy competition in qualitative improvement of overall education system. This is first ever step of its nature on the analogy of HEC.

xv. Online Parent-Students Feedback mechanism for academic audit of affiliated institutions for continuous monitoring and improvement. This is first ever step of its nature recognizing the importance of students and parents in decision making process.

xvi. Initiation of "Certification on Educational Assessment" as pre-requisite to be on roll of FBISE as Examination Staff either by professional teachers or non-teachers but highly qualified persons.

xvii. Establishment of purpose built examination centre coupled with central laboratories, library and sports facilities in different areas for fair and transparent testing in conducive environment and promotion of science and sports culture at school level where these facilities are not available, initially in ICT and gradually to other regions of jurisdiction. Tangible progress has already been made towards acquisition of land from CDA/FDE and requisite funds.

GOVERNANCE

i. Stringent fiscal management to divert resources from non-development to developmental expendi

ii. For administrative discipline, developed detailed key performance indicators (KPIs) for each se FBISE stitched with schedule/ time frame for each activity over the year quantifiable in well defined measuring units/yardstick along with mechanism of regular surveillance and periodic appraisal for improved governance. Every section plans all its activities to meet the defined targets well in time to improve measuring units.



iii. Reconciliation of Board's accounts electronically

iv. Acquisition of development project of Rs. 50 millions

v. Biometric attendance system to ensure punctuality and regularity of the emplo

vi. Door step delivery of application package to failed students

vii. Digitization/computerization of old record for efficient online services

viii. Comprehensive Integrated Software stitching all sections of board aimed to do every transaction, activity, transparency, prompt disposal of services, avoid duplication of work, reduction in consumption of papers, etc. Project is designed with single input and multiple output.

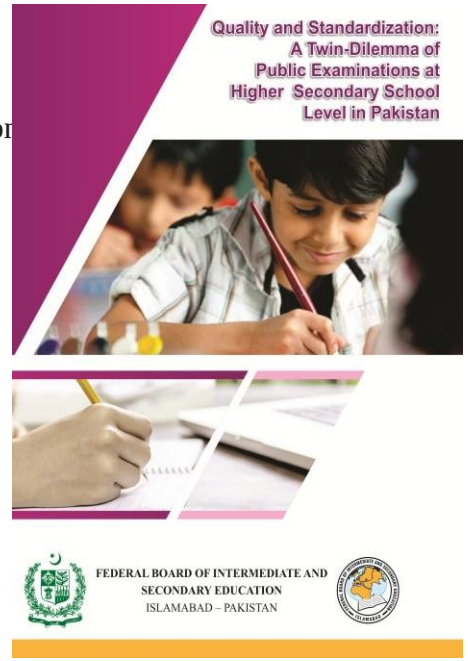


STANDARDIZATION

To improve and standardize the examination system at national level, following initiatives have been undertaken:

i. Research Study titled "Quality and standardization: A twin-dilemma of public examinatio secondary school level in Pakistan" has been conducted with following rationale:

Desired but ignored qualitative attributes of educational assessment in Pakistan have always been a matter of great intellectual concern. Apart from substandard quality of high stake examinations; non-standardized examination output of multiple examining bodies is another serious concern for employers in recruitment, universities for admission and policy makers in national benchmarking of educational system. To hedge against erosion of public trust and rebuild confidence in inland examination system, these concerns call for immediate attention of researchers. However, there is great dearth of literature on these issues in Pakistan's perspective. Very few published / unpublished studies cited in preceding paragraphs in context to Pakistan have used limited data, range of coverage and measures of analysis. These studies are usually



confined to the data of an individual examining body or entry test's score of a professional university without considering the nature of such pattern and trends at sub-national or national level. According to our knowledge, this research endeavour for the first time examines the qualitative aspects of question papers administered by various examining bodies and their comparison with international standards;

consistency in students' performance in entry test of reputed professional universities of the country in relation to result of examining bodies at national and sub-national/regional levels; relationship amongst various correlates of consistency in performance; and, ranking of various examining bodies on these parameters at sub-national and national levels. The results have provide valuable insights to precisely locate the position of each board of country in terms of defined qualitative attributes of examinations to help frame new region/board specific policy matrices to improve and standardize examination system at SSC and HSSC levels in Pakistan.

ii. Two National Conferences (in April and December 2016) of Controller of Examinations and IT heads of all BISEs were organized to weed out anomalies in function, procedures and rules amongst all boards of the country and move towards standardization through IBCC forum for which a committee of IBCC has already been constituted.

iii. Capacity Building of various boards of country through participation in training workshops of FBISE for paper setter, markers and examination staff and sharing of technology developed. To scale-up this capacity building program, all boards of the country have been offered to hold free training workshops for their paper setter, markers and examination staff by FBISE Master Trainers in their respective region. Moreover, developed training material, sophisticated software and online applications have also been offered free of cost for their modernization and standardization as per aspirations of Ministry of Federal Education & Professional Training and Ministry of Planning, Development & Reform.

iv. National Examination Reforms Committee dully participated by all provinces and area governments has been constituted by the Inter-

Provincial Education Ministers Conference (IPEMC) for uniform structural reforms across all examination boards of the country ***on the analogy of FBISE to improve and standardize national examination system.***



v. National Education Reforms Initiative - a mega project for all 29 Boards of country to be funded through PSDP (2017&-18 onward) by 1000 Million Rupees aimed to replicate above listed interventions for all BISEs of the country for improvement and standardization of National Examination System.

PUBLICATIONS

Din, U.D., Reid, N. and Ali. I. 2016. Training Manual on Educational Assessment, Federal Board of Intermediate and Secondary Education, Islamabad, Pakistan.

www.fbise.edu.pk/Downloads/Moving into a New Future.pdf

Ali, I. Sarwar, M. and Imran, A. 2017. Quality and standardization: A twin-dilemma of public examinations at higher secondary school level in Pakistan. Research Report, 1(1), FBISE . Available at: www.fbise.edu.pk/Downloads/QUALITY AND STANDARDIZATION.pdf

Ali, I. Ullah, H. Sarwar, M. and Imran, A. 2018. Multidimensional Mapping and Ranking of FBISE Affiliated Institutions 2017. Research Report, 2 (1), FBISE.

Available at: www.fbise.edu.pk/Downloads/Ranking_detail.pdf

ANNEXURE-III

b) FUTURE PLAN

- Comprehensive and rigorous training program for Paper Setters, Markers (Head and Sub examiners), Examinations' Supervisory Staff, Educational Managers etc. on regular basis and development of trained staff for examination activities for qualitative improvement;
- Application of GIS System for management/monitoring of affiliated institutions and establishment of Examination Centre(s);
- Revamping of examination system, including "Question Items Bank" development, online practice exercises, e-marking, analysis, development and publication of Examiners' Reports etc. and transfer of technology to sister educational boards;
- Establishment of purpose built examination centre coupled with central laboratories in different areas for fair and transparent evaluation in conducive environment and promotion of science culture at school level; and
- Establishment of Regional centre(s) at Provincial Headquarters.

ANNEXURE-IV

FEDERAL BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, ISLAMABAD

Federal Board of Intermediate and Secondary Education (FBISE) have been entrusted with a Project tilted "Modernization and Standardization of Examination System"

Project's Title	Modernization and Standardization of Examination System
Funded by	Ministry of Federal Education and Professional Training
Executed by	FBISE – Islamabad
Project Duration	Three Years
Budget of the Project	49.996 Million Rupees
Beneficiaries	All SSC & HSSC students of the country in general & FBISE in particular
Idea of the Project	The idea of the project was conceived by Engr Muhammad Baligh ur Rehman, Ex-Minister for Federal Education and Professional Training.

All the assigned activities of the project have been completed on 30-06-2018 as per letter and spirit of the approved PC-I.

ANNEXURE-V

FEDERAL BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, ISLAMABAD

STATISTICS OF STUDENTS APPEARED, PASSED IN ANNUAL EXAMINATIONS, 2018

EXAM	MALE APPEARED	MALE PASSED	FEMALE APPEARED	FEMALE PASSED	TOTAL APPEARED	TOTAL PASSED
SSC-I	55,523	-	42,439	-	97,962	RESULT AWAITED
SSC-II	49,201	38,991	40,241	35,858	89,442	74849
HSSC-I	33,369	-	31,860	-	65,229	RESULT AWAITED
HSSC-II	29,347	-	30,965	-	60,312	RESULT AWAITED

ACADEMY OF EDUCATIONAL PLANNING AND MANAGEMENT (AEPAM)

The Academy of Educational Planning and Management (AEPAM) was established as an Autonomous Body in 1982 through Resolution under erstwhile Ministry of Education. In 2005, it was given the status of Sub-ordinate office of the then Ministry of Education. After devolution, the then Ministry of Education in 2011 was abolished and AEPAM came under the administrative control of the Ministry of Federal Education and Professional Training. The main functions of AEAM include capacity building of Education Planners and Managers as per their needs; compilation and consolidation of education statistics by maintaining national database and conducting evidence based research on important issues related to education. A brief review of each of the functions is given below:-

1. Capacity Building:-

AEPAM conducts both short-term and long-term Training Programs for Education Planners and Managers working at different administrative levels across the country. AEPAM has conducted about 550 training programs and has trained about 13,000 Educational Managers from all over the country since 1982. AEPAM provides training to education managers through PSDP projects as well as through regular budget. During current Financial Year 2017-18, AEPAM has trained 563 Education Managers across the country under PSDP projects and its regular budget.

2. NEMIS

NEMIS is maintaining database of 317,323 educational institutions of both public and private sectors. Since 1993, EMIS has published more than 24 Annual Education Statistics Reports. Pakistan Education Statistics 2016-17 report has been prepared and the launching ceremony of this report has been scheduled in first week of July 2018. AEPAM has been publishing "Pakistan Education Atlas" since 2010. Up till now three annual versions of Atlas have been published and fourth version (2016) is ready for going to press soon. AEPAM annually publishes District Education Profile to compare districts on key education statistics. The District Education Profile 2016 is being prepared and will be published in near future. AEPAM also provides education data to UNESCO Institute for Statistics on annual bases. The data compiled by AEPAM has been used by UNESCO for computing key education indicators for comparing various countries of the world. UNESCO publishes Global Education Monitoring report annually and the report compares various countries of the world on key education indicators. AEPAM data has also been used in the Global Education Monitoring report by UNESCO.

3. Research

AEPAM also conducts policy research, which facilitate educational decision makers in the formulation of policy, its monitoring and implementation. Since 1982, AEPAM has produced about 385 highly impact factor Research Studies, Surveys, Reports and numerous Research Papers on Policy Analysis, Education Planning and Management, Quality Education and Teacher Education.

During current financial year, AEPAM has conducted a national level Research Study on "Causes of Dropout Rate at Primary Level in Pakistan". Data for the said study has been collected, analysed while report writing is in progress. AEPAM has also contributed an emphatic report on Financing in Education Sector (2017-18).

4. LIBRARY FACILITY

AEPAM has an excellent library, which has more than 18,000 books/documents on various classical and modern themes of education. Educational Planners, Administrators and Scholars across the country benefit from AEPAM library.

National Talent Pool

By considering the significance of highly qualified professionals in the economic development of a country, a need was felt to establish a set up exclusively meant for collecting and maintaining the records of technical and professional individuals of the country for manpower planning. Resultantly the National Talent Pool (NTP) was established, in 1976 under the administrative control of the then Ministry of Labour and Manpower. Later on, another high valued task was also assigned to National Talent Pool titled "Regular Visits of Pakistani Experts Positioned Abroad to Pakistan". After 18thconstitutional amendment, National Talent Pool is working under the administrative control of the Ministry of Federal Education and Professional Training.

Since its inception, National Talent Pool has been collecting particulars of Highly Qualified Pakistanis for manpower planning and utilizing the expertise of Highly Qualified Expatriate Pakistani Professionals in the capacity building of the host organizations of the country.

Mandate of National Talent Pool

According to 1973 Rules of Business, the mandate of National Talent pool is given as:

- Stocktaking in highly qualified and skilled personnel; National Talent Register.
- Scheme of regular visits to Pakistan of qualified experts positioned aboard excluding scheme for "Retransfer of Technology".

Vision:

To contribute towards national economy of Pakistan by arresting brain drain and encouraging innovation by local & expatriate Pakistani Professionals.

Mission:

To take advantage of expertise and innovation of Highly Qualified Pakistani Professionals for human resource development and capacity building of institutions/ organizations.

Functions:

Now-a-days, the NTP is a small but efficient institution, executing/implementing following functions:

- To arrange and collect personal data and details regarding Highly Qualified Pakistanis (Inland and Abroad).
- To reduce the impact of brain drain through short to long-term visits of Expatriate Nationals to Pakistan.

National Talent Pool has diversified groups of stakeholders including Pakistani Universities, Professional Bodies and Production Units.

a) Detail of the Activities, Achievements and Progress during the Preceding Financial Year Giving Only the Unclassified Information that can be used for reference purposes.

As foregoing, data compilation of Highly Qualified Pakistanis is a continuous activity and now NTP has revived with meager resources the task of collecting information with the aim to publish inventories in different disciplines along with its worldwide circulation. Since NTP has to collect data of employed (either in public or private set up) or unemployed (whether they are seeking for work or not but still they are highly qualified) persons, therefore in the first phase, Public Sector of Pakistan has been taken on board. For this, all Ministries/Divisions/Departments at Federal and Provincial level have been approached in order to convey them the functions and vision of the organization.

The progress of a country is determined through its ability to prepare for the constantly changing technological advancement in different sectors of the economy. This advancement of technology also calls for investment in human resource development. Over the years and so far the successful participation of the expatriate Pakistani professionals through the platform of NTP is playing a tremendous role in the institutional capacity building, and development of human capital of the country. This transfer of knowledge and technological advancement through the consultancies of expat Pakistani professionals can be seen in improving standards related with areas like health, education, facilitation in necessities of life, strengthening institutional governance, environment, and management of hazardous materials etc. Through National Talent Pool's programme around 1039 expatriate Pakistanis professionals have provided their commendable services across the world most prominently from U.S.A, Canada, U.K, Germany, Australia etc., in the fields of medicine, engineering, agriculture, basic or social sciences and Information Technology etc. By inviting consultancies of Pakistani Diaspora, provision of diversified international skilled expertise at the doorstep is provided to host organizations of the country.

Thus, with these attainments NTP's intention is to provide assistance for the placement of right person for the right job. Because of a transfer of expertise and knowledge advancement in all sectors lead to prosperity and improve the social set up which corroborates with the vision 2025 in the harnessing development of human capital through dissemination of modern knowledge and facilitation of employment opportunities. Finally yet importantly, the ultimate goal would remain the same that the main objective of all these interventions be headed towards "National Development of Pakistan" in real terms.

The detail of the activities for the year 2017-18 along with their extent of execution is summarized in the table given below:

	Activities for the Year 2017-18	The Extent to which these Plan of Activities have been Realized
□	Arrangement of data collection activities through creating awareness among targeted audience from both public and private sectors by means of correspondence and meetings etc.	In the first phase to revive the data collection activities public sector of Pakistan (at both Federal and Provincial level) has been approached through correspondence.

Nomination of focal persons institutionally and geographically related to public and private sector shall be made. At the provincial level NTP representation through provincial departmental section officers, Assistant Directors will be managed in order to attend /conduct meeting in pursuance of the mandate of NTP.	Nomination of focal persons has been made at Federal and Provincial levels to acquire the desired feedback on prescribed proformas as per mandate of the organization.
Category wise availabilities and requirements of the human resource in the country may be made through collected data.	The collected information, which is being received in the form of prescribed formats, is in the process of automation in order to make category wise availability of local experts related with different fields. So the same may be published in the form of inventories and provided to host and donor agencies on demand.

Activities for the Year 2017-18	The Extent to which these Plan of Activities have been Realized
To help in administrating of ongoing activities in various disciplines through the placement of expatriate Pakistani professionals for feasibility planning on critical issues of the country. To arrange visits of expatriate Pakistani professionals for short to long-term placement in various institutions of the country. Making arrangements of specialized lectures, seminars/workshops/symposia and training courses in host organizations.	The consultancies of the Eminent Expatriate Pakistani Scholars have been invited to Pakistan in diversified fields through NTPs closed PSDP funded activity till June30, 2017. At present, this function of NTP is dormant as the case of conversion of development side activities into non-development is under process.

- Realization of a practical project, such as a laboratory, setting up a production line or selecting and installing equipment.
- Advice on policy issues and technical matters to implement top priority sector programmes.

During the current financial year, the statistics of the department are as under:-

ACTIVITIES	ACHIEVEMENTS
Data Collection of Host Organizations/ Institutions/Universities/ Agencies collected/ updated/ sorted.	220
Data Collection of Highly Qualified Professionals (with in Pakistan) collected/ updated/ sorted.	5892
No. of Visits undertaken by Highly Qualified Overseas Pakistanis (HQOPs) through NTP.	*

*No visit of HQoPs was executed during the stated period due to awaited approval to execute the consultancy services through non-development allocation of the department.

Budget

An amount of Rs. 34.10 Million was allocated during the Financial Year 2017-18 to meet the expenses of operational and employees related activities.

Future Plans

More precisely as a way forward, the main focus of the organization's strategy in general in the years ahead would be to:

- Strengthen its infrastructure on solid footings from the point of view of acquisition of human resource equipped with latest information technology tools and techniques, so, that activities on web portal may be more effective in performing its functions.
- Widen the base of providing consultancies of expatriate Pakistani professionals in the context of covering enhanced geographical distribution and addressing diversified fields/ areas and disciplines, thus the contribution towards development activities of the country may be more boosted.
- Broaden the base of data collection of Highly Qualified Pakistanis within the country and around the globe in such a way that National Talent Pool may be considered as a hub of database of highly Qualified Pakistanis.
- Create utilization of the database of local Highly Qualified Pakistanis via dispersal of their qualifications worldwide, so their services may be called for at international level.

Pakistan Manpower Institute Islamabad

Pakistan Manpower Institute (PMI) as per its mandate is aggressively working towards capacity building and skills enhancement of officers and executives of public and private sector organizations of Pakistan. The Institute conducts training courses in the wide spectrum of Human Resource Management (HRM), Human Resource Development (HRD), Human Resource Planning (HRP) and Information Technology (IT).

In the FY 2017-2018 PMI conducted **55** training courses whereby it has trained **2165** participants out of which **1856** are male and **309** are female. Province wise detail of participation is as follow:

Year	**Federal**	**Punjab**	**Baluchistan**	**KPK**	**GB**	**Sindh**	**AJK**
2017-18	1312	425	68	165	29	91	75

During the FY 2017-2018, research study on "Edhi Foundation in Pakistan" has been initiated in collaboration with consortium of NUML and Life Development Foundation (LDF) which is still in progress.

Pakistan National Commission for UNESCO-PNCU

PNCU is a creation of Article VII of constitution of UNESCO to perform following functions:

- *Contribute to the maintenance of peace & security and common welfare of mankind by participating in the activities of UNESCO.*
- *Play an ever-increasing role in UNESCO's work and particularly in the formulation & execution of its programmes.*
- *Cooperate with the governments, organizations, institutions and individuals within the domains of UNESCO's fields of competence.*
- *Encourage participation of national, governmental & non-governmental institutions and various individuals in the formulation & execution of UNESCO's programmes.*
- *Disseminate information about programmes and activities of UNESCO.*

Achievements/Progress

ISESCO General Conference & Executive Council:
Brief on agenda items of:

- *38th Session of Executive Council (4-5 October 2017)*
- *39th Session of Executive Council (8 – 9 October 2018)*
- *13th Session of General Conference (11 – 12 October 2018)*

UNESCO General Conference/ Executive Board

Brief/government positions on agenda items for the following:

- *39th Session of General Conference (30th Oct to 14th Nov. 2017)*
- *Executive Board (Two Session in a year (April and October) way-forward*

- *Dr. Shezra Mansab Ali Khan Kharal, MNA has been appointed as Pakistan's Representative till 2019.*
- *She participated in 204th session Ex. Board held in April 2018.*

PERFORMANCE / ACHIEVEMENTS / COORDINATION AND EVENTS:

❖ ***GRANTS, AWARDS, PRIZES***

- ISESCO Research Grants 2017 for Scientific Research was granted to Dr. Muhammad Zaffar Hashmi, Asstt. Professor, COMSATS institute of Information Technology, Islamabad and Dr. Aneela Sabir, Assistant Professor, Department of Polymer Engineering and Technology, University of Punjab, Lahore.

❖ **UNESCO International Literacy Prize 2017**

- Every year, the UNESCO International Literacy Prize awarded to projects to promote Literacy. This year projects for advancing literacy in a digital world from Canada, Colombia, Jordan, Pakistan and South Africa.
- The Citizen Foundation in Pakistan is awarded the 2017 UNESCO Confucius Prize for Literacy for its "Agahi Literacy Programme for Women and out of School Girls.
- 2017 UNESCO Kalinga Prize for Popularization of Science was Dr. Hafeez Ahmad Sadaqat, Professor and Chairman, Department of Plant Breeding and Genetics, University of Agriculture, Faisalabad.
- PHOSAGRO/UNESCO/IUPAC Research Grants "Partnership in Green Chemistry for Life "Research Grants for Young Scientists And Special Grant for Research Project on Phosphogypsum" was awarded to Dr. Azher Mehmood, Assistant Dean Applied Sciences, National University of Sciences and Technology, Islamabad.
- UNESCO Prize for Girls and Women's Education 2018. Nomination of the University of Agriculture, Faisalabad has been forwarded to UNESCO Hqs, for consideration of UNESCO prize for Girls and Women Education 2018.
- UNESCO-Hamdan Bin Rashid Al-Maktoum Prize for Outstanding Practice and Performance in Enhancing the Effectiveness of Teachers. Nominations of Prof. Dr. Tayyab Husnain, Professor, National Centre of Excellence in Molecular Biology, University of Punjab, Lahore and Mr. Khurram Jamal Hashmi, Assistant Professor, Pakistan Navy Engineering College (PNEC), National University of Science and Technology (NUST), Islamabad forwarded to UNESCO for consideration.
- 2017 Carlos J. Finlay UNESCO Prize for Microbiology UNESCO was awarded to Dr. Shahida Hasnain, HEC Designated Prof. MMG Department, University of the Punjab, Lahore.
- COMSTECH Awards 2017 in Biology and Chemistry, six nominations have been submitted to COMSTECH Secretariat for their consideration.
- ISESCO Research Grants 2018 for Scientific Research, nineteen nominations have been forwarded to ISESCO for their consideration.

❖ **FELLOWSHIPS**

- UNESCO/ISEDC Co-Sponsored Fellowships Programme – 2017, four nominations have been forwarded to UNESCO for their consideration.

- UNESCO/Poland Co-sponsored Fellowship Programme Engineering Cycle 2017 Two candidates have been selected in Engineering and Administrative field.

- UNESCO/Peoples Republic of China-Great Wall Co-sponsored Fellowships Programme cycle 2018-19. Two students have been selected for this fellowship.

- UNESCO/Poland Co-sponsored Fellowship Programme Engineering Cycle 2018. Two candidates have been selected in the field of Petrographic, Geochemical and Mineralogical investigations of Koga and Jambi carbonatites and Characteristics and Genesis.

❖ **39th Session of UNESCO General Conference UNESCO Headquarters, Paris** 30th October to 14th November, 2017

Pakistan elected as Member of:

- Intergovernmental Committee for Promoting the Return of Cultural property to its Countries of Origin or its Restitution in Case of Illicit Appropriation (ICPRCP) for four years term 2018-2021

  Intergovernmental Council of the International Programme for the Development of Communication (IPDC) for four years term 2018-2021.
- Intergovernmental Council of the Management of Social Transformation (MOST) Programme for four years term 2018-2021.
- Conventions and Recommendations (CR) for two years term 2017-2019.

Establishment of Cat-II Centre:

- A proposal for establishment of Institute for Literacy and Non-formal Education as a UNESCO category 2 Centre in Islamabad**.**
- This centre was conceived to serve as a regional hub for E-9 countries which are most populous but with very low literacy rates. The proposal is under consideration by UNESCO.
- Pakistan's contribution was appreciated, especially in the field of Education and as Chair of E-9 countries. Pakistan was also appreciated for successfully hosting E-9 Conference in Islamabad and for implementation of Malala Fund-in-Trust project for girls' right to education.

UNESCO Chair under UNITWIN Network and **ISESCO CHAIR**

Chair Established:

- UNESCO Chair in the Conservation and Management of Historic Towns and Urban Centers established by National College of Arts, Lahore in 2009.

- UNESCO Chair "Light for Health" established by Pakistan Institute for Engineering and Applied Sciences (PIEAS), Islamabad in 2011.
- ISESCO Chair – Women in Science at Quaid-e-Azam University.

❖ **Trainings, Workshops & Seminars Nominations**

PNCU nominated experts/officers/eminent scholars for various short term meetings/workshops and seminars abroad by UNESCO and ISESCO in different countries related to fields of education, science, Culture/archeology, information technology and communication. *Detail is as under:*

Sr. No.	Fields	No of Participants
01	Education	***35***
02	Science	***18***
03	Culture	***15***
04	General	***10***

❖ ***Celebration of Pakistan's Day under the Umbrella of ASP net***

- *UNESCO's Associated Schools Project has a network of 241 Government/Private schools to promote international understanding amongst students of schools both in public and private sectors. These schools organize many cultural activities for peace, international cooperation and sustainable development.*



❖ ***Mitsubishi Asian Children Enniki Festa 2017 – 2018***

National Federal of UNESCO Association in Japan-NFUAJ has announced to organized art competition among 24 UNESCO Asian Member States among children aged 6 – 12 years.

- PNCU organized the Enniki Festa and selected 8 best entries selected by National Screening Committee awarded Grand Frex Award to Ms. Liaba Shoab Ahmed from Peshawar and she visited Japan for participation in the prize distribution ceremony and study tour.

Activities Planned:

- Celebration of Literacy Day September, 2018.
- Celebration of World Teachers Day October, 2018.
- Coordination of 2005 Session of UNESCO Executive Board Meeting in October, 2018 at UNESCO Headquarters Paris, France.
- Coordination of 39th Session of ISESCO Executive Council Meeting in October, 2018 at Morocco Rabat.
- Coordination of 13TH Session of ISESCO General Conference in October, 2018 at Morocco Rabat.
- Networking between PNCU and ASP-net to collaborate for dissemination of information about post 2017-2018 agenda of Education for All and for planning of related projects/activities.

National Education Assessment System (NEAS)

Introduction:

The National Education Assessment System-NEAS has been institutionalized in Pakistan at national level. Recognizing its importance in the education system, NEAS was made a regular feature of the education system after the closure of its project life. Now it is working under Ministry of Federal Education & Professional Training and providing empirical data for decision making to policy and practice.

VISION:

Promoting quality learning among children of Pakistan.

MISSION:

To carry out fair, valid and reliable national assessments with the objective of enhancing quality, equity and access to education.

Objectives of NEAS:

- **Monitoring Standards:** how well the curricula are translated into knowledge and skills;
- **Informing Policymakers:** the extent to which geography and gender are linked to inequalities in student performance;

- **Identifying Correlates of Achievement:** the principal determinants of student performance and how resource allocation might be re-directed;
- **Directing Teachers' Efforts and Raise Students' Achievements:** assist teachers to use data to improve student performance.

Achievements during 2017-18:

Dissemination of finding of National Achievement Testing - 2016

NEAS conducted National Achievement Testing 2016 over a national sample of 30,000 students from November 2016 to March 2017. The random stratified sample was designed on the basis of probability proportional to size ('PPS') sampling procedure. In addition to the students, around 3000 teachers were also assessed at grade 4 and Grade 8 levels and disseminates it findings in National Stakeholders Workshop on student assessment on 24-25 January, 2018.

Conduction of Filed Test for TIMSS-2019

Trends in International Mathematics and Science Study (TIMSS) is an international educational assessment study where more than 73 countries of the world participate after every four years. According to schedule the Field Test (Pilot test) has been conducted in 50 schools in the month of May-2018 across the country and its data has been submitted to International Associations on Educational Achievement (IEA) as per requirement of TIMSS-2019.

PAKISTAN BOY SCOUTS ASSOCIATION

Sr.#	Activities	Year 2017-18	Critical Analysis
29	**Principles of Policy** Principles: Following Principles are the foundation of Scout Movement which provide platform to the following policies of Scouting: 1. Duty to Allah 2. Duty to others 3. Duty to Self No. of Scout Camps were held for (500-1000 Youth)	91	Pakistan Boy Scouts Association has adopted Better World Frame Work concentration on Peace, Community Development & Environment based on fundamental Principles. New activities / camp have been organized and number of camps (5-7 days) increasing annually to provide learning opportunities to more young people
30.	**Responsibility with respect to Principles of Policy**	As above	As above
31.	**Islamic way of life** - 5 time Prayers are organized in the Scout Camp /Gathering for the Participants. - Seerat Conference held Annually (Speech contest, Tilawat and Naat) - Proficiency Badges earned by Scouts related to Islamic way. -	57266 3212	As above
32.	**Promotion of Local Government Institutions**	N.A	NA

33.	**Parochial and other similar prejudices to be discouraged** - Messenger of Peace Activities/ gatherings attended by	7000 Scouts	Pakistan Boy Scout Association (PBSA) has adopted World Initiative i.e. Messengers of Peace which was introduced by World Scout Bureau. PBSA is focusing on the following: - Training in Dialogue - Support to Specific Peace Projects - Support to Young People Living in "Hot" Conflict salutations - Capacity Strengthening - Globalizing the "Messengers of Peace" NetworkSince 2010-2014, PBSA has organized following mega events other than local events organized at Provincial / District Level: - India- Pakistan Integration Camp at Islamabad - SAARC Scouts Friendship Camp - Messengers of Peace Pakistan Gathering to train Master Trainers for Peace Initiatives - Recently Sindh BSA branch of Pakistan Boy Scouts organized the same Training to all District Coordinators and at Asia Level an award has been announced for Pakistan by World Scout Bureau
34.	**Full participation of women in national life** Family Scouting (Number of Women and Girls of Family Joined) as family Scouting.	230	PBSA has introduced Family Scouting to strengthen the bond of family affection through involving family members in Scouting without any prejudice.
35.	**Protection of family, etc**	As above	As above
36.	**Protection of minorities** - Employees (Nos) - Youth Special Badge (Ethics) issued to minorities	3 2	Out of 37 Employees of PBSA 05 were from minorities and three as special person.
37.	**Promotion of social justice and eradication of social evils**	As (29)	As above on (Sr. 29)

38.	**Promotion of social and economic well-being of the people**	N.A	NA
39.	**Participation of people in Armed Forces** **Scouting is open to all without any discrimination. Pakistan Scouts Cadet College is also supporting Formal Education to the Youth coming from all areas of Pakistan and maximum are joining Armed Forces.** - **No of Scout Cadets admitted in PSCC**	150	Pakistan Boy Scouts Association organized activities for youth using non-formal education system. However PBSA is also contributing to Formal Education and an educational institution "Pakistan Scouts Cadet College" is being run to offer education and Scouting Activities to the youth. About 200 enrollment every year is reported. Other then these Scout Cadets Scouting skills also motivate and train the scout which help them to join Armed Forces.
40.	**Strengthening bonds with Muslim world and promotion international peace** **Pakistan Boy Scouts Association is not only the member of World Organization of Scout Movement but an active Member of International Union of Muslim Scouts (IUMS). 2nd Muslim Scout Jamboree (Mega Gathering of Scouts) has been hosted by Pakistan Boy Scouts in the past.** - **IUMS Meeting Attended (held after every 4 years)**	--	Muslim countries also formed a union "International Union of Muslim Scouts" and Pakistan is an active Member. One of the Senior Scout Leader / Executive represents Pakistan in their meetings usually organized after every 04 years. Now one Member from Pakistan Boy Scouts Association is representing Asia in the Board of International Union of Muslim Scouts.

NATIONAL INSTITUTE OF SCIENCE & TECHNICAL EDUCATION

1. **INTRODUCTION**

The National Institute of Science and Technical Education (NISTE) is located in the education sector H-8 of Islamabad. It is centrally placed between twin cities of Islamabad-Rawalpindi, and provides an ideal educational environment. NISTE is a merger of National Technical Teachers' Training College (NTTTC) and the Institute for the Promotion of Science Education and Training (IPSET). Presently, it is working as a Subordinate Office of the Ministry of Federal Education and Professional Training, Government of Pakistan, Islamabad.

NISTE is spread over 26 acres of land. It possesses a housing colony for staff; workshops and laboratories equipped with the elaborate equipment in many classical and modern technologies, as well as, applied sciences. It has also an auditorium, conference hall, library and educational resource center, general services, computer centers, syndicate rooms, faculty office's, and five hostels for three hundred trainees/students and visiting national and international guests.

More than 44,000 teachers of science and technical education have been trained so far in various fields of science and technical education. In addition to achieving its targeted goals the Institute is also offering short duration training courses in IT and different vocational and technical courses for Diploma of Associate Engineers (DAE) and SSC pass students from all over the country, which aim at alleviating poverty from the country.

The Government of Pakistan has upgraded this Institute in to National Skills University. The Parliament has approved the Bill and the President of Pakistan has granted the Charter on March 12, 2018. The appointment of Vice Chancellor is under process.

The budget allocation of NISTE during the financial year 2017-18 is as under:-

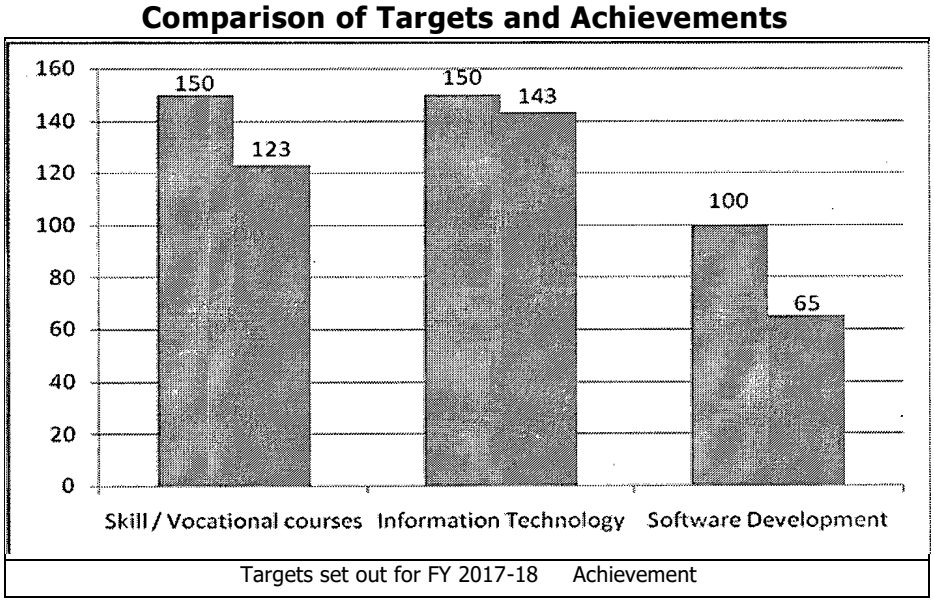
HEAD	**BUDGET ALLOCATION (In millions)**
Employees Related Expenses (Pays, salary, allowances)	86.344
Operation Expenses (utilities, rent of building)	15.002
Employees Retirement Benefits	1.539
Grants Subsidy write off loans (in-service death)	0.010
Transfers	0.010
Repair & Maintenance (transport, equipment, machinery)	0.320
Total Rs.	103.225

NISTE has conducted various skills related programs during financial year 2017-2018 and through these programs, knowledge, skills, competencies and attitudes in line with labour/job market needs are developed. Details of major achievements are as under:-

2. **ACHIEVEMENTS DURING FINANCIAL YEAR 2011-18** The targets set out during the preceding financial year, i.e. 2017-18 and the extent to which they have been realized are as under:

Sr.#	Description	Number of Students		Percentage of achievement
		Targets set out for FY 2017-18	Achievement	
1	Skill / Vocational courses	150	123	82.00%
2	Information Technology	150	143	95.33%
3	Software Development	100	65	65.00%

PROGRAM-WISE DETAIL OF ACHIEVEMENTS



3. **PROGRAM-WISE DETAIL OF ACHIEVEMENTS**

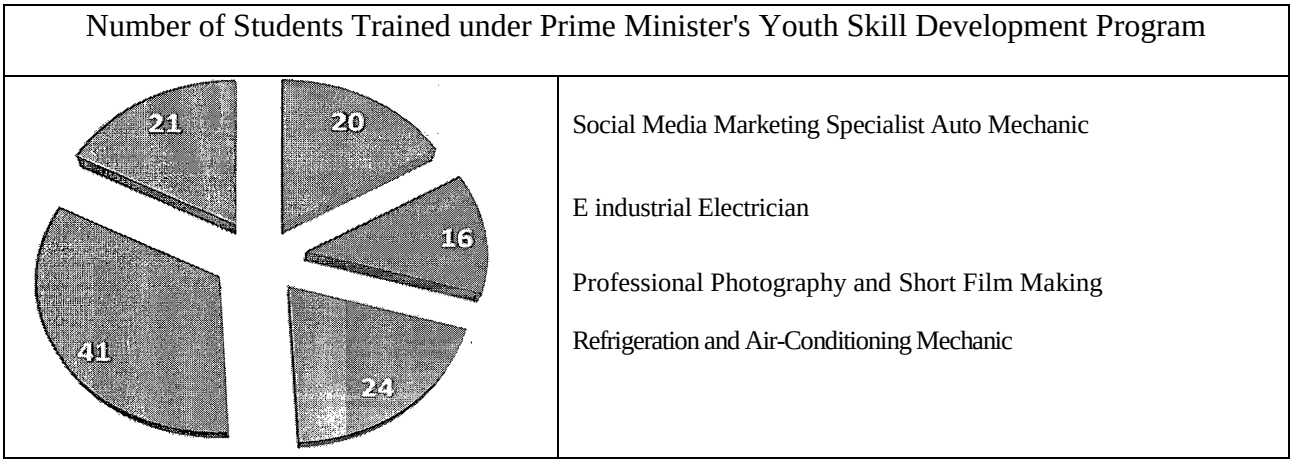
Program-wise achievement during the financial year 2017-18 is as under:-

1) SIX-MONTH SKILL / VOCATIONAL COURSES

a. Six-Month Vocational Training Courses under Prime Minister Youth Skills Development Program through NAVTTC (Phase-IV Batch-I) (From 01-11-2017 to 30-04-2018

S.#	Name of Course/Trade	Number of Student Trained
1.	Social Media Marketing Specialist	20
2.	Auto Mechanic	16
3.	Industrial Electrician	24
4.	Professional Photography and Short Film	41
5.	Refrigeration and Air-Conditioning Mechanic	21
Total		**122**

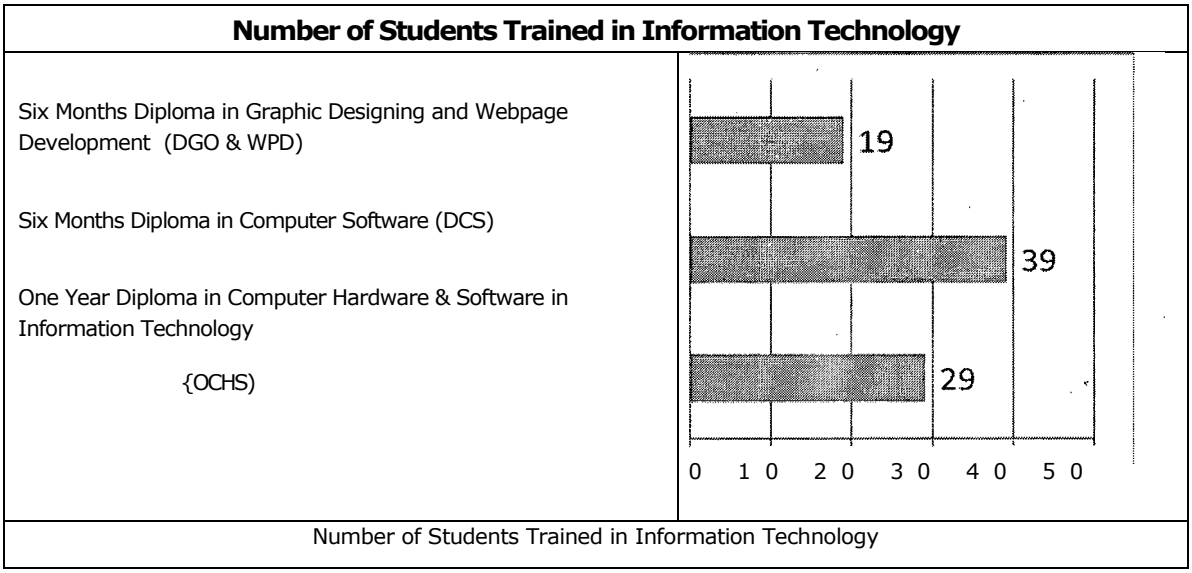
Figure-2: Students trained under Prime Minister Youth Skills Development Program through NAVTTC (Phase-IV Batch-I) (From 01-11-2017 to 30-04-2018)

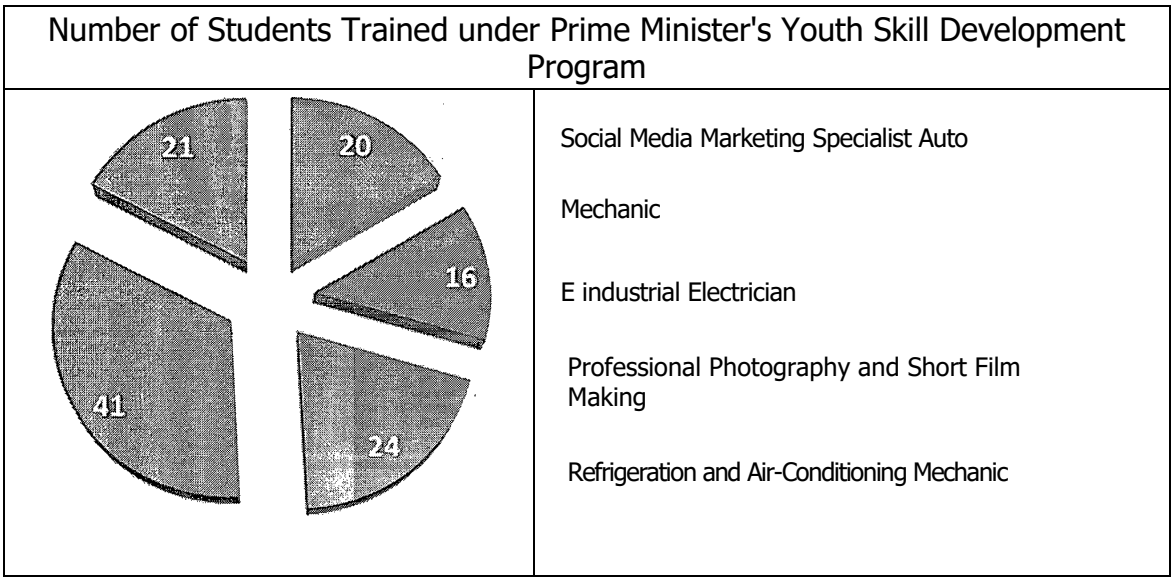


2) DIPLOMA IN INFORMATION TECHNOLOGY/COMPUTER HARDWARE & SOFTWARE UNDER DCHS PROGRAM

S.#	Name of Course/Trade	Number of Student Trained
Batch-45 (January 2017 to March 2018)		
1.	One Year Diploma in Computer Hardware & Software Information Technology (DCHS)	29
2.	Six Months Diploma in Computer Software (DCS)	39
3	Six Months Diploma in Graphic Designing and Webpage Development (DGD & WPD)	19
4	Three-Month Short Certificate Courses on IT:	
	i) Office Automation (24) ii) AutoCAD (08) iii) Graphic Designing (04) iv) Advance Graphic Designing (05) v) C++ Programing (04) vi) Visual Basic (02) vii) Computer Hardware (03) viii) Networking (CCNA) (03) ix) Java Language (01) x) DBMS (Oracle) (01) xi) Web Programming (PHP) (01)	56
Total		**143**

Figure-4: Students trained in Information Technology - Batch-45 (January 2017 to March 2018)

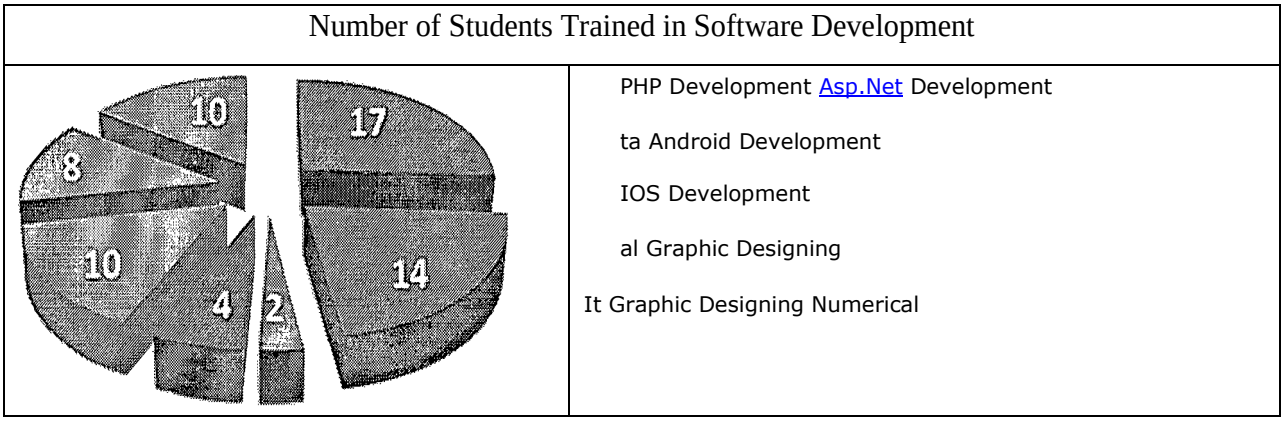




3) TRAINING ON SOFTWARE DEVELOPMENT UNDER PUBLIC-PRIVATE PARTNERSHIP

Sr.#	Name of Course/Trade	Duration		Duration
		From	To	
1	PHP Development	17-07-2017	17-09-2017	17
2	Asp.Net Development	17-07-2017	17-09-2017	14
3	Android Development	24-07-2017	24-09-2017	2
4	IOS Development	24-07-2017	24-09-2017	4
5	Graphic Designing	15-05-2017	15-07-2017	10
6	Graphic Designing	24-07-2017	24-09-2017	8
7	Numerical	24-07-2017	24-09-2017	10
			Total	**65**

Figure-5: Students trained in Software Development through PPP

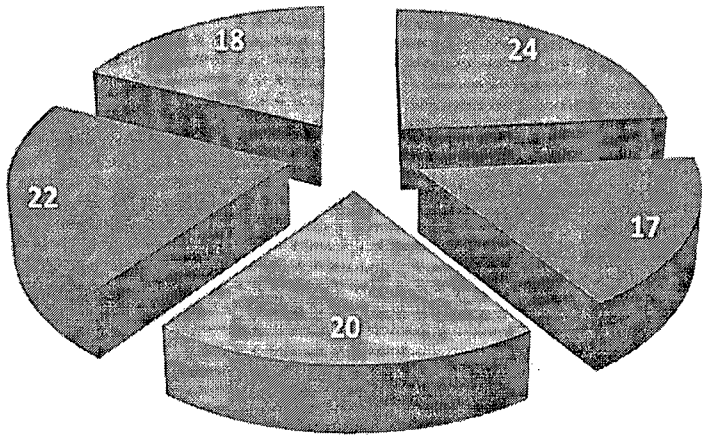


4. **PROGRAM UNDER PROCESS**

Six-month Vocational Training Courses under Prime Minister Youth Skills Development Program through NAVTTC (Phase-IV Batch-02) is under process from 14-05-2018:

S.#	Name of Course/Trade	Number of Students to be trained
1.	Social Media Marketing Specialist	24
2.	Auto Mechanic	17
3.	Industrial Electrician	20
4 .	Photography and Short Film Making	
5 .	Air-Conditioning Mechanic	
Total		**101**

Number of Students under training in Prime Minister's Youth Skill Development Program



Social Media Marketing Specialist Ei Industrial Electrician CI Refrigeration and Air-Conditioning Mechanic	Auto Mechanic P2 Professional Photography and Short Film Making

Figure-6: Students, getting training under Prime Minister's Youth Skill Development

NATIONAL COLLEGE OF ARTS

National College of Arts is the premier institution of art, design and architecture education in Pakistan, providing training and research to internationally recognized standards in:

- Painting,
- Print-making,
- Sculpture,
- Miniature painting,
- Ceramics design
- Textile design,
- Visual Communication design,
- Product design,
- Musicology,
- Architecture,
- Interior design,
- Art History,
- Communication and Cultural Studies, and
- Cultural Heritage Conservation and Management.

Building on its foundations laid in 1875, and in line with its charter as a national centre of excellence, it enrolls students from all provinces and regions of Pakistan,(including Federally Administered Tribal Areas (FATA), Gilgit Baltistan and the State of Azad Jammu and Kashmir and Foreign Students) promoting deeper national integration and fusion of rich and diverse cultural traditions. Together with overseas students and visiting teachers from abroad, it offers a unique learning environment and greater opportunities for cultural and social understanding. The NCA has been the cradle for nurturing creativity and encouraging innovation and remains at the cutting edge of professionalism, breaking new ground and exploring further avenues in the search for academic excellence.

Responding to the need of industry in particular and society in general, the College has over the past fifty years diversified and expanded, adding the newly emerging arts to the well-established programs offered by the College and instituting departments and programs in areas of research and practice that focus on the heritage and culture of our region.

The Higher Education Commission – HEC has ranked NCA as the top Art university of Pakistan. NCA has established International linkages with institutions outside Pakistan. As a result MOUs have

been signed with international universities of France, Iran, China, UK, USA and Istanbul. This has opened many doors of opportunity for NCA in the form of scholarships such as the VITA scholarship under the Charles Wallace Trust at Princess School of Traditional Arts, UK. NCA becomes a member of the International Council of museums (ICOM).

Foreign Languages Diploma courses have been initiated for NCA students in order to make them multi lingual. French & Persian Language Courses have been initiated for NCA Students and faculty An Artist Residency Program has been initiated. Residencies are offered to international practicing artists, during which they also conduct workshops and lectures at NCA. This gives students a chance to learn new techniques and understand the ever-changing global art scene.

The infrastructure of the institution has undergone massive development and a new Product Design building has been constructed at NCA, Lahore Campus. As a result, there is tremendous improvement in students applying for the Product Design Degree. At present NCA has started producing the most creative Product Designers. Consequently, the gap is being filled for the enhancement of Design and Quality of Products for local and export industry.

A Chai Khanna established for alumni is used for meetings eminent artists and alumni while an Art shop has been added to the Zahoor-ul- Akhlaq Gallery at NCA. A new girl's hostel has been constructed to facilitate the growing number of female students studying at the institution.

Alumni dinners are also becoming a regular feature of NCA traditions. There is a great focus to promote Cultural activity and artistic endeavors, therefore monthly Cultural Nights for alumni and NCA students, foreign film festivals that include French and Irani films have been organized to promote creative activity at NCA. Other measures include holding an Annual Sports Festival, Solo and Group exhibitions by artists at the Zahoorul Akhlaq Gallery which took place throughout the year and appointment of gallery space for the permanent gallery collection of NCA publication. Lecture and workshops have been held regularly at NCA where eminent guest speakers were invited to speak and enrich students as well as faculty with their knowledge. The publication of the Quarterly NCA Newsletter is an effort to provide information on the events and activities that regularly take place on Campus. Students' writing corner is introduced in the newsletter to publish their view and connect to the world.

To facilitate and also to ensure the well-being and safety of everyone, a centralized admission office, student coordinator office and state of the art biometric system has been introduced at NCA. A New Design Centre has been established while a New Mac Lab for Non- Linear Editing has been added to the Department of Film and Television. In order to conserve energy and as part of its "Going Green" strategy, the College has installed solar panels. A new water filtration plant has also been added. Internal restoration has also taken place on campus

NCA has launched a new Undergraduate Program in Cultural Studies as well as introducing the Community Outreach Program where the youth has been encouraged to demonstrate their creative ability by enrolling in art classes conducted by faculty members of NCA. As part of the Public Outreach Program, NCA has also introduced Drama & Theatre performances in schools run by Auqaf to increase public involvement in art.

On the administrative and operational side, NCA is in the process of system review and analyses for the purpose of developing state of the art standards of doing different jobs as per best market practices. At present, NCA has documented its Admission Manual and the Procurement & Administrative Expense Manual.

Admission tests and interviews were held in Lahore, Rawalpindi, Peshawar, Quetta and Karachi against seats reserved for candidates of all provinces and areas of Pakistan including Gilgit Baltistan, AJK and federally administered tribal areas, as per schedule given in the newspaper. Other curricular / co-curricular and administrative activities for the F.Y 2017–2018 were carried out as per schedule and time table. The Promotion results for all classes of the College for academic session 2017-18 were announced which shows excellent performance by the students. The juries for the final year thesis projects of graduating students of all the departments were carried out by external jurors who are highly qualified experts and professionals of the field.

The Promotion results for all classes of the College for academic session 2017 were announced with the following pass percentages.

- 1st Year 96.56 %,
- 2nd Year: 91.11 %,
- 3rd Year: 95.19%,
- 4th Year Architecture: 88 %

The juries for the final year thesis projects of graduating students of all the departments were carried out by external jurors who are highly qualified experts and professionals of the field.

The pass percentage thesis result of the graduating classes of Academic year 2017 was as follows:

- Department of Fine Art: 100 % with 07 Distinctions and 08 Honors
- Department of Architecture: 100 % with 10 Distinctions and 17 Honors
- Department of Visual Communication Design: 100% with 07 Distinctions and 11 Honors
- Department of Textile Design: 100% with 04 Distinctions and 06 Honors
- Department of Ceramic Design; 100% with 01 Distinction and 01 Honor
- Department of Product Design; 100% with 03 Distinctions and 05 Honors
- Department of Film & Television: 100% with 02 Distinctions and 07 Honors

- Department of Musicology: 100% with 04 Distinctions and 03 Honors

Admissions to the new First Year (Foundation Course) were held smoothly and as per schedule during August- September 2017-18 for the seats reserved for different provinces/areas of the country. A total of 244 students were enrolled for new first year, and the classes for the first year (F.C.) will commence w.e.f. February 2018.

NCA offers following Masters/MPhil Programmes. Masters in Interior Design - initiated in 1999, MA (Hons.) Visual Art was launched in 2000, MPhil in Cultural Studies leading to a PhD in Communication and Cultural Studies commenced from 1999 and Masters in Multimedia Art - acknowledging the importance of information technology in the creative fields, was launched in 2001. All these graduate programmes emphasize on the refinement in research-based approach, which is evident in the final thesis show presented by our graduating students annually. A total of 138 students have been enrolled in Master Programs in the department of Interior Design, Multimedia Arts, Visual Arts and Cultural Studies.

Teaching activities in all departments were held as per schedule. Workshops and Seminars were held by different departments for the students. The Faculty members of different Departments held exhibitions of their work at renowned arts galleries in the country as well as overseas. An archive has been set up in the department of Fine Art for the benefit of the students and Faculty. NCA Archives is a repository of the non-current records of the institution. The Archive Department in 2017-18, audited 1120 files, portfolios and maps. These records have an enduring historical and research value. They have been accessed by scholars from University of the Punjab, Home Economics College, Government College University, Lahore, as well as by international scholars from Universities of Oxford and Cambridge, UK, State University of New York, George Washington University and Oklahoma State University, USA, University of Bonn, Germany, and King Mongkut's University, Thailand. The department facilitated renowned USA based senior artist and Mayo School alumnus Mr. Rashid Arshad in providing research for his memoir. This year the Cultural Studies Department, NCA has included an innovative unit on archival research, culminating in a curatorial exercise. The department is active participant of the International Committee for Museums and Collections of Ethnography, which is a sub- committee of the International Council of Museums. The Archives Department in collaboration with NCA Gallery has put up the Independence Day Exhibition, Pakistan Day Exhibition, Archives Exhibition, Kasb-e-Kamal-Kun and Mayo School Show at the Zahoor- Ul-Akhlaq Gallery, NCA.

The long awaited appointment of NCA permanent teaching Faculty, non-Teaching Officers and lower staff also took place during 2017-18. As a result of a successful and transparent recruitment process the long awaited appointment of NCA permanent teaching Faculty (41), non-Teaching Officers (1),

Contractual (3) and lower staff (13) is fulfilled. The College expects that with this induction quality of teaching will improve manifold. Moreover, a Quality Enhancement Cell (QEC) of the College along with staff has been placed on permanent footings which helps ensure maintaining the standards of teaching at the College at an international level.

The Department of Architecture was selected for pairing with University of Texas, Austin and Boston Architectural College respectively. Under ongoing partnership with Boston Architectural College (BAC) USA, following activities were conducted between January to June 2018. Fourteen (14) faculty members from NCA, participated in two courses which were conducted online for 16 weeks starting from February 2018. The courses continued further with one week on site workshop in Boston, for which six faculty members travelled to Boston in June 2018 while five were selected for travel in November 2018. In addition to above, 20 students participated in four online courses from the departments of Architecture and Cultural Studies. In March 2018, six faculty members from BAC visited NCA and conducted various workshops and lectures. The Architecture Laser Scanning Workshop was specially conducted at NCA for which BAC faculty arranged specialized equipment.

The Department of Cultural Studies is an emphatically interdisciplinary area of inquiry that intersects the humanities, science studies, the social sciences and the arts. In line with its objectives this year, the department organized lectures by Dr. Till Ansgar Baumhauer (Post-Doctoral Fellow at Bauhaus University, Weimar) on *Violence and Its Effigy in Long-Term Conflicts* and a lecture by Dr. Ross Burns (Former Australian Diplomat & Adjunct Faculty Member of Ancient History, Macquaric University, Australia) titled *From Temples to Mosques*. The faculty of the Department of Cultural Studies moderated a *Afkar-e-Taza* – Panel: Contesting Body and Shifting Borders in the Arts of Pakistan as a part of the Think Fest organized by Information Technology University.

The Department of Film and Television was selected by the US Embassy for University Partnership Program for pairing with University of Austin, Texas's South Asia Institute (SAI) in collaboration with Department of Radio-Television-Film (RTF) in the Moody College of Communication, UT Austin. The program includes Curriculum Development, Collaborative Research, Long Distance Teaching, via internet/DVC, Sharing of Resources, Professional Development for faculty of by US Counterparts, abroad and locally, Faculty and Student Exchange Programs. In collaboration with South Asian Institute, University of Texas participated in various Film Festivals held in the country and abroad. Famous film directors and actors visited the Department of Film and Television during the year 2017-18. The number of awards won by students at different film festivals has also increased.

The department of Visual Communication Design-VCD constantly works towards promoting positive changes, modernization and enhancement of its infrastructure. The Photography studio was recently revamped and refurbished with more space and latest equipment. A new lecture theatre has been

added in the department with the capacity to accommodate fifty (50) students. Currently the department is working on establishing a new Mac Lab to facilitate students working on their projects using sophisticated machines. The department is proud to present the final thesis shows 2017-18 which involved interaction design, animation, installation and space design and created experiential spaces along with a significant project on augmented reality, the first of its kind. VCD continues to encourage socially and environmentally responsible design outcomes and recently did two poster campaigns, one on the current water crises and the second to raise awareness against drugs. The Department runs short certificate evening courses in Digital Photography/Digital Imaging and Graphic Design/Computer Graphics, which have been well received.

The Department of Textile Design envisages individuals with well-developed skills in the field of Textile Design. By the end of this four year degree program, individuals are able to acquire skills and techniques in the various fields of Textile including Weaving, Knitting, Printing, Fabric Manipulation & Digital Print Design along with an understanding of Textile Marketing & Merchandising, Fashion Design & Research Methodology. Besides these skill enhancement courses, students attend several workshops on Traditional & Contemporary Techniques which enable them in reviving their cultural heritage as to present it locally as well as internationally in most creative forms. We are able to provide best human resource to fill the gap, prevalent in the Textile industry and thus contribute positively in the economy of Pakistan.

Study tours are an integral part of the course of study at NCA. Study tours for the students were carried out to different areas of the country by the various teaching departments of the College.

The library of National College of Arts houses the biggest collection of books on visual arts in the country. The number of books and periodicals at present is above 4, 8571 in number, excluding digital books. The NCA Library also subscribes a large number of national and international journals. NCA always support visiting scholars conducting researches in the field of Art and Design by providing them access to its Library's special collections and its Archives unique resources.

Regular exhibitions were held at the Zahoor-ul-Akhalq Gallery-NCA. A large number of events were held under the auspicious of the Gallery which included art exhibitions of national and international painters in collaboration with the Embassy of France, Finland and Australian High Commission, Islamabad. It showcased the project "Drone Vision: Warfare, Surveillance and Protest" in partnership with Hasselblad Center and Valand Academy, in Gothenburg, Sweden; Nicosia Municipal Arts Centre, Cyprus. At the national and college level, the gallery exhibited the degree shows of the graduates of the College at undergraduate, graduate and post graduate level. The Gallery encouraged Students' participation by organizing exhibitions such as the 14th Lifestyle Expo 18 on the theme of Women Chamber of Commerce & Industry, exhibition on Independence Day, Defense Day and

Posters Competition on Anti-Drug Campaign. The opening event of the 7th Season of Art Beat – National Child Art Competition & Exhibition was also held at the gallery.]

NCA always extends hand and collaborates with other institutions for community uplift and betterment let it be a project to paint Children's Ward at Children's Hospital or a campaign to promote public awareness with City Traffic Police, NCA students and faculty participate zealously considering it their social responsibility.[NCA works in close collaboration with HEC on its various project such as "Bridging the Job Market Skill Gap Program for General Post Graduate Degree Holders" Project to offer training courses based on best market practices to enable the youth to get better job opportunities.

NCA has introduced a "Student Handbook". It is an official NCA guide to student services and nonacademic programs. Contained herein is information on many of the college policies and regulations. Additionally, standards of conduct, rules and regulations, and students' rights and responsibilities are an integral part of the handbook to keep them focused on their academic performance and prepare them for success. The College code and procedures are designed to determine whether students' behaviors violate the standards and expectations of the College educational community. There are Committees to evaluate students conduct and provide structured responses as much for guidance and correction of behavior as for invoking fair and appropriate sanction.

Regular workshops and seminars are arranged to promote an awareness of the health and legal issues associated with drugs, alcohol and substance misuse to make students aware of support and guidance which is available both internally and externally for students who may have problems with alcohol and /or drug. NCA works with organizations like Drugs Advisory Training Hub (DATH) and Youth Council for Anti-Narcotics (YOCFAN) for the establishment of Educational and Counseling Centers.

Way Forward:

NCA has grown in recent years and the Vision 2025 and its ensuing strategy envisages further growth in coming years. NCA is about to become a high quality University of Art in Pakistan for that it must meet the international standards of other such universities.

The NCA is in the final stages of acquiring university status. The following tasks are envisioned towards this end:

1. Strengthening existing courses and providing learning opportunities in emerging or ignored areas as per national need.
2. Expanding higher/terminal degree programs in selected fields in accordance with national needs. NCA Academic Development Program includes the following:
    - Masters in Conservation & Restoration at Lahore Campus

- PHD Program in Art History at Lahore Campus
- Master in Game Design at Lahore Campus
- One year diploma in Calligraphy at Lahore Campus
- One Year diploma in Fresco Painting at Lahore Campus
- One Year diploma in Classical Dance at Lahore Campus
- MMA Department at Rawalpindi Campus
- Design Department at Rawalpindi Campus
- Under Graduate degree in Fashion Design at Lahore
- Master's Degree in Arts Management at Lahore Campus
- Under Graduate degree in Fashion Design at Lahore Campus

3. In relevance to the Academic Development Program as mentioned above, NCA aims
    - Capacity building of existing and newly hired faculty and staff
    - Strengthening research
    - Providing adequate physical resources to enable a conducive learning environment
    - Providing adequate student facilities and services
    - To have a full-fledged Centre for planning and reconstruction in disaster affected areas offering degree courses in the very discipline that will be based upon field work and research.
    - Conservation and adaptive reuse of the old Boys' Hostel Block for academic programs.
    - Conservation of Bhai Ram Singh Quadrangle
    - To bring the Cultural Complex Islamabad and Aiwan-e-Quaid, F9 park Islamabad under the umbrella of NCA

To date, NCA has been working with minimal institutional support and lacks skilled personnel in key areas. NCA bill vetted by Finance Ministry, HEC, Law Division and Ministry of Education has been forwarded through the Cabinet Division to the Prime Minister for approval. These gaps are covered in first instance through the provision of adequate recurring grants to cover shortfalls.

The major constraint for additional academic programs has been the paucity of land available for development in NCA's Lahore campus. NCA was successful in obtaining an additional 7 (Kanals) from the Pakistan Army and has now a land holding of 28 (Kanals) on the Mall Campus.

The avenues for financing currently available to NCA are as follows:

Government Grant in Aid:

- ✓ Earnings of NCA through student fees & professional work
- ✓ Endowment Fund
- ✓ Donations through the year for specific activities.

- ✓ Short courses and skills development programs.
- ✓ These will continue to be the mainstay of resources, augmented by involving the corporate sector in clearly delineated financial inputs under management of the NCA Endowment Fund Trust. Student tuition fees cannot be raised beyond a reasonable figure and will continue to be raised only marginally every year. Further avenues which can be explored are through strengthening research capabilities to increase potential of employability by public and private sector organizations.
- ✓ In the past few years NCA has taken two major initiatives to procure alternate financing of academic functions
- ✓ Public/Private partnership in setting up the Department of Musicology
- ✓ Self-Supporting Programs under financial management of Endowment Fund Trust

A number of activities in the form of Seminars, Workshops and Cultural Nights have been conducted to expose students and faculty with the latest teaching and learning experiences in the field of Art and Design. The details of which are annexed:

MAJOR NCA ACHIEVMENTS (till date) - ANNEXURE

- Initiated 23 New Diplomas in all departments under "Public Outreach"
- Restoration of New Block of Punjab Assembly.
- Initiated and Completion of New Building Construction in NCA –Pindi Campus
- Initiated Community Outreach Program (Summer Camp Courses during summer)
- Film and Television Commonwealth Documentary. A Successful Story.
- NCA Quarterly Newsletter .(As Ambassador of Peace)
- Principal, NCA, Prof. Dr. Murtaza Jafri Received Excellency Award from Chief Justice of Pakistan Mr. Zaheer Anwar Jamali on the occasion of 150th year celebration of Lahore High Court
- Appointment of Long Vacant posts of NCA Faculty
- Appointment of Non-Teaching Officers and Lower staff
- Constructed New Product Design Building, equipped with latest machinery for the department
- Enhance Security Measures with Biometric System
- Installation of Solar Panels for uninterrupted power supply to lecture theater and labs at college
- Installation of Solar Panels for uninterrupted power supply to at Hostels Girls and Boys
- Established NEW ART SHOP in NCA-Gallery
- Signed No. of MOUs with International Universities of France, Iran, China, USA
- Initiated Post Graduate Youth Internship Program
- Started One Year Diploma Programs in Fine Art and Traditional Art (a Public Outreach Programme)
- Regularized BOG Meetings was the efforts of Principal, NCA
- Monthly Cultural Evenings Started for the Alumni and NCA students

- Established a Design Centre to Design the Government Projects i.e. Interior Designing Design/Architecture
- Initiated and Completed NCA Internal Restoration Works
- Created the Galleries Space for NCA Permanent Collection
- Centralized Admission Office and Student Coordinator Office
- Regularized Sports Festivals
- NCA Alumni Dinner
- After long time Degree Awarding Convocation conducted by Principal, NCA
- Offered Residencies to Foreigner Artists through NCA
- Community works such as Restoration of Sir Ganga Ram Hospital, Children Hospital and many others done by under Supervision of Principal NCA
- NCA Undertook a project to provide employability skill launched with the collaboration of HEC

EXCHANGE PROGRAMS/MOUS

- Principal NCA Prof. Dr. Murtaza Jafri Participated in 2018 Presidents' Forum in China
- Principal, National College of Arts, Prof. Dr. Murtaza Jafri, toured to France Signed MOU with Different International Universities.
- Principal, NCA, Prof. Dr. Murtaza Jafri, Toured to Iran Signed MOU with Iranian Universities for exchange program
- MOU signed for exchange program between National College of Arts and Xingyang Normal University
- A fellowship program between NCA and Boston Architectural College
- Student Exchange Program between National College Arts and University of Texas, Austin
- A partnership progress meeting held between NCA and University of Texas, Austin. Chaired by Prof. Dr. Murtaza Jafri, Principal, National College of Arts
- MA (HONS) Visual Arts alumnus attended PSTA under CWT scholarship
- Asst. Professor Mr. R.M Naeem tours Middlesex University, London on Erasmus Plus teaching program
- NCA participated in Staff Training Program at Middlesex University London

GUESTS AND DELEGATIONS

- Anchor, Columist, Mr.Hamid Mir Visited NCA for a lecture.
- Writer, Host Mr. Iftikhar Ahmed Visited NCA delivered lecture.
- Mr. Sohail Lashari president of LCCI Visited NCA and inaugurated Exhibition.
- Foreign Diplomats from different Countries visited NCA
- Delegation from Command and Staff College, Quetta visited NCA
- Austrian Ambassador Dr. Brigitta Blaha Visited NCA
- Delegation from Command and Staff College, Quetta visited National College of Arts
- Delegation of Cabinet Standing Committee Members visited NCA

- HEC chairman, Prof. Dr. Mukhtar Ahmad Inaugurated Undergraduate Degree Show NCA Pindi Campus
- Delegation of the Participants of 30th Batch of MT-FPDP visited NCA
- Representatives from PSTA visited NCA
- Delegation of French Professors of Different Universities visited NCA
- Delegation from Harvard University visited NCA.
- US Consulate General visited NCA
- Former Attorney General of Pakistan Mr. Ashtar Ausaf graced the event of MA (Hons.) Degree Show 2017 with his presence.
- Delegation from Shanghai Art University came to NCA for an official visit
- Foreign diplomats visited NCA
- Swiss Ambassador Mr. Thomas Kolly visited NCA
- A delegation from Harvard University visited NCA
- Command and staff College Quetta came to NCA for a regular visit in 2017
- Cast and Crew of Pakistani movie CAKE visited NCA
- Delegation of VC's from Italian Universities came to NCA
- Indian Filmmakers visited NCA
- Visual Artist Mathew Roberts visited NCA
- Students from London Business School came to NCA on an official tour
- A delegation from Cornell University honored NCA with their visit
- Media members and Journalists came to NCA to endorse The efforts of NCA in promoting Education
- Delegates from International Committee of Ethnography visited NCA
- Chairman HEC Dr. Tariq Banuri's visit to NCA
- Dr. Laura Tedesco's Visit to NCA
- Federal Minister for Education and National Heritage Mr. Shafqat Mehmood visited NCA
- Former Education Minister M. Yusaf Sheikh inaugurated an exhibition at NCA Auditorium, Islamabad
- Media Delegation from Thailand visited NCA
- NCA received Principal Aitcheson with warmth
- Former Education Minister Mr. M. Yusaf Sheikh came to NCA Lahore
- Former Chief Secretary Punjab Mr. Akbar Hussain Durani visited NCA
- Mr. Kamran Lashari (Member Board of Trustees NCA) inaugurated an Exhibition by Archives Department
- Renowned Scholar Dr. Riffat Hassan visited NCA to inaugurate an Exhibition on Defense Day

SHOWS / FESTIVALS/ EXHIBITIONS

- Sports Festival. 2017
- Traditional and Fine Art Diploma Show
- Screening of Sharmeen Obaid's Chinoy Oscar Winning Documentary
- Flag Hosting Ceremony and Exhibition of Archival Pictures on Occasion of 14th August 2017
- Poster and Painting Competition held at NCA on the occasion of 14th August

- Actress Ms. Samia Mumtaz Visited NCA
- Bachelors Degree show held at NCA
- Traditional and Fine Art Diploma show Arranged at NCA
- Furniture Design Diploma
- Exhibition of Students of PSDF Inaugurated by Prof. Dr. Murtaza Jafri
- Farewell Dinner for Passed Out Bachelor Students
- Exhibition of Iranian Handi Crafts and Miniature Paintings
- MA Multimedia Program Alumnus won award for Short Films at LUMS Film Festival
- Dinner Arranged for Hostel Students
- Conducted the Event of Holi – The day of Happiness
- Solo Show opened by Mr. Abdullah Qureshi
- Student of MA (Hons) Visual Art exhibits at India Art Fair
- Bachelor's Degree Show 2017 inaugurated by Former Governor Punjab Mr. Rafique Rajwana
- NCA hosted Alumni Dinner 2017
- Former HEC chairman Dr. Mukhtar Ahmed inaugurated the Bachelor Degree Show Pindi Campus
- MA (Hons.) Visual Arts Degree Show 2017 inaugurated by former Excise and Taxation Mr. Shuja-ur-Rehman
- Traditional and Fine Arts Diploma Show 2017 inaugurated by French Ambassador, Honourable Marc Barety
- Farewell festival 2017 held at NCA
- Dr. Ejaz Anwer exhibited his works at Zahoor-ul-Akhlaq Gallery
- Exhibition held at NCA Gallery, commemorating Quaid-e-Azam M. Ali Jinnah at the occasion of his 142nd birth anniversary
- Czech Republican Exhibition held at NCA
- NCA celebrated Italian Design Day
- Future Debris an exhibition by Murree Museum Artist Residency held at Zahoor-ul-Akhlaq Gallery
- NCA hosted 7th ARTBEAT Children Art competition and exhibition in collaboration with The Little Art
- Kasbe Kamal Kun Keh Aziz e Jahan Shavi, an exhibition held at Zahoor-ul-Akhlaq Gallery
- Dinner held for Hostel students 2018
- An Exhibition comprising of works by Famous stamp designer Mr. Adil Salahuddin was held at Zahoor-ul-Akhlaq Gallery.
- Drone Vision: Warfare, Surveillance and Protest, an exhibition held at NCA.
- Welcome Festival 2018 was celebrated at NCA
- French National Day Celebration; Exhibition and Award Distribution Ceremony of the Exhibition "Real and it's Double" at Serena Hotel Islamabad
- "Transition in Time" Exhibition held at Zahoor ul Akhlaq Gallery NCA
- An Exhibition on Baghat Singh was held by NCA in collaboration with Punjab Archives (Government of Punjab)
- "Mayo School of Arts in 1947" an exhibition by Archives Department NCA

LECTURES/ WORKSHOPS/ SEMINARS

- Dr. Till ANsgar Baumhauer (Post-Doctoral Fellow at Bauhaus University, Weimar. He delivered a lecture titled Wartifacts: Violence and Its Effect in Long-Term Conflicts on 19th November 2017.
- Dr. Ross Burns (Former Australian Diplomat & Adjunct Faculty Member of Ancient History, Macquarie University, Australia.) delivered a lecture titled From Temples to Mosques on 24th October 2017.
- Lecture by renowned Dr. Arifa Syeda.
- Strategies for success a Workshop Arranged by Cultural Studies Department.
- Teacher Training workshop Conducted by Cultural Studies Department
- MA (HONS) Visual Arts Alumnus attended Art Conservation workshop
- Prominent Artist Ms. Molly Crabapple Delivered lecture at NCA
- NCA Faculty members attended AIPS Sponsored Workshop at Third AIPS workshop
- NCA Shines at International Design Conference
- Ceramics Workshop Conducted by Mr. Gopal Das Shrestha
- NCA Visiting Faculty Member Presented papers in Berlin
- NCA Alumna won Blooom Award 2017 by Warsteiner held at Art Dusseldorf, Germany
- An Informative talk by madam Zahra Nigah at NCA auditorium
- Five days Training workshop conducted by Higher Education Commission in collaboration with NCA
- NCA hosted a seminar and poster exhibition on drug awareness for the students of NCA
- Eminent Journalist Hamid Mir came to NCA for a talk
- A lecture by Shahzia Sikander was held at the NCA auditorium
- Four days Music Workshop by Ustad Ashraf Sharif Khan conducted by Musicology Department
- Eminent Kathak performer Ms. Naheed Siddiqui delivered a lecture and workshop at NCA Auditorium
- Iftikahr Dadi gave an insightful talk in 2018 at NCA
- Samiya Mumtaz and Sardmad Khoosat with their crew delivered a seminar on Theatre as an Artform
- Design Workshop was conducted by Annemarie Schimmel Haus from Goethe Institute
- Suhaee Abro a famous dancer conducted a dance workshop at NCA
- Lecture given renowned Scholar by Mrs. Dr. Riffat Hassan.
- NCA Students and Faculty Attended 05 Days Convention in India 2018
- Fashion Design Workshop conducted by Textiles Department was held at NCA
- A lecture by Renowned Journalist Mr. Mujeeb-ur-Rehman Shami and Mr. Orya Maqbool Jan held College auditorium
- An informative lecture my Mr. Orya Maqbool Jan at NCA
- Lecture by Renowned Journalist Mr. Iftikhar Ahmed for Journalism Class Students.

- A seminar on Dr. Allama Iqbal was held at NCA where renowned speakers including Dr. Riffat Hassan, Justice Nasira Javed and Former Education Minister M. Yusaf Sheikh shared their insights
- A lecture by Mr. Shoaib Khan organized by Textile Department at NCA

CULTURAL ACTIVITIES

- Started a Regular Cultural Evening for Students and NCA Alumnis.
- ARI Roland Jazz Quartet Concert held by Film and TV Department
- Tremendous Performance of oudh Sitar Tabla by Iranian Musicians
- Concert held by Latin American Music Group – Group of Fantasma
- A Regular Cultural Night – Sham-e-Qalander
- A Cultural Night for Awareness of Pink Ribbon Cause.
- Concert held on Tango Music by Musicology Department.
- A Musical Cultural Night with Ustaad Mazhar Hussain Shagan.
- A Musical Concert by Amikaeyla Mike and Del Ferro Tiro, collaboration with the U.S Consulate
- A Musical Cultural Night with Ustaad Ashraf Khan
- Monthly Cultural evening
- A Musical evening commemorating famous Musician Ustad Mian Shaukat Hussain held at NCA
- Musicians from Czech Republic played violins in their performance at NCA
- 3rd Year Architecture Students enjoyed Luncheon with Principal NCA
- German musicians along-with Ustad Ashraf Shreef Khan performed in a Musical evening held NCA
- Musical Evening was organized for paying tribute to martyred soldiers on Defense Day

COMMUNITY WORK

- Blood donation Camp Arranged by Red Cross in NCA
- Lecture on Cancer for Awareness of Students and Faculty by Prof. Dr. Muhammad Arshad Cheema
- NCA students participated to Design for Aids Awareness Campaign
- NCA Students Exhibit their work to welcome Istanbul Mayor
- Wall Painting by NCA students on the Occasion of 23rd March
- Community Outreach Program held Summer Camp Level I & II
- NAB rewarded NCA Students for their Creative efforts, Colour Books were designed by NCA Students Awareness of Corruption
- Arts Festival Arranged by Ansaar Burni Trust in NCA.
- HIV Aids Poster Designing Competition and Exhibition at NCA
- Water Color Certificate Course Conducted by NCA in old city under the Supervision of CCRS and Principal, NCA.
- Principal NCA -Prof.Dr. Murtaza Jafri and NCA Students received highly Acknowledgment Award From President of Pakistan for Designing of Colouring Books on Awareness of

Corruption NCA Hope society visited Alam Bibi Trust and Altaf Mehmood Foundation for community support

- NCA participated Caravanserai Festival at Kabul
- A two days Blood Camp by *Hilal-e-Ahmer* was organized at NCA
- Hope Society NCA spent their Eid with severely ill Children at Children Hospital

NATIONAL CURRICULUM COUNCIL

PROGRESS REPORT & WAY FORWARD OF NATIONAL CURRICULUM COUNCIL, SECRETARIAT

FY 2016-17:

a. Minimum Standards of Quality Education is developed and approved by Inter Provincial Ministers Conference (IPEMC). This document has been printed and disseminated to all provinces/areas to guide them in revision of school curricula and development of teaching and learning materials.
b. National Curriculum Framework (NCF) as a policy document is developed on 25th July, 2017 after several consultative meeting in which representative of all provinces were involved.
c. National Curriculum 2006 was revised from class pre-primary, I-V of all core subjects (ECCE, English, Urdu, Math, General Science, Social Studies, Islamiat and General Knowledge) for school of Islamabad Capital Territory. This revision took place under the supervision of subject experts from private and public sector.
d. A meeting of National Curriculum Council (NCC) was arranged in which all provincial members of NCC attended the meeting in Ministry of Federal Education & Professional Development. In this meeting, success stories were shared by each provincial representative of NCC and revised curriculum was presented to all members for their critique and feedback.
e. Supplementary document on Values Education is developed first time in the history of Pakistan which points out the location of value based themes through school teaching in different subjects and classes.
f. National Curriculum Council initiated the process of Textbook development through open bidding process in which publishers were assigned to develop textbook for class pre-primary, I-V after evaluation process. Textbooks of all subjects were developed on revised curriculum.

FY 2017-18:

a. National Curriculum Council (NCC) in the second phase of curriculum revision completed the revision of subject curriculum of all core subjects i.e. English, Urdu, Islamiat, Mathematics, General Science, History, Geography and Computer education from class VI-VIII.
b. For the development of textbook from class VI-VIII, selection of textbook publishers has been carried out through tender notice in the news papers. All the submitted textbooks by publishers was evaluated and marked by subject experts.
c. In this financial year, it is aimed to revise all core subjects curriculum of class IX-X.

FY 2018-19

Proposal and way forward:

1. It is proposed that from the platform of NCC to conduct National Curriculum Council meeting in the month of November to share the National Curriculum Framework and discuss its implementation process in all provinces/areas. Furthermore, discuss the adoption of revised curriculum in provinces/areas.

2. It is proposed that from the platform of NCC a seminar needs to be conducted in Islamabad to showcase textbooks on revised curriculum 2017. It is further proposed to invite all provincial representatives of NCC members, subject experts and relevant technical experts to review/feedback the textbooks based on revised curriculum 2017 for the Federal Directorate of Education.

Work Plan

Major Items (as per PC-1)	**Proposed activity**	**Tentative date**	**Estimated Cost**
2 Seminar	Conduct a seminar to showcase textbooks (I-V)	Jan, 2019	1.5 M
NCC meeting	To share National Curriculum Framework with provinces/areas	Nov, 2018	3.0 M
Provincial visit of Technical experts as required	Conduct a survey in each province/areas to monitor the curriculum & textbook development process	Feb, 2019-April, 2019	2.0 M

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