Chairperson's Message

Maj. Gen. (R) Akbar Saeed Awan

There is a dire need to actualize the policy framework for ensuring the synergy of scientists, engineers and technologists for improvement of industrialization culture of the country. The obtaining environment is fraught with lack of mutual trust and team working. Regulatory bodies in the shape of National Technology Council (NTC) and Pakistan Engineering Council (PEC) are mandated to ensure quality of academic pursuits both in public and private sector. Mushroom growth of institutions in the two disciplines has adversely affected the quality of professionalism in the respective domain. There is lack of industrial environment space both in engineering and technological domain for hands on job internship and supervised industrial training which leads to lower level of proficiency and professional potency to confront the challenges posed by the ground realities.

Both engineers and technologists in various disciplines are competing for limited avenues available in the two categories of job opportunities resulting in drainage of potential for contribution towards national development and economy.

National Technology Council will InshaAllah make an endeavor to ensure that technology graduates and professionals are equipped with the right knowledge and skills through maintaining standards of professional ethics, ensuring national and international benchmarks are met, stimulating a culture of entrepreneurship and providing opportunities for Continuing Professional Development (CPD). To this end, Accreditation Inspection Committees (AIC)s will ensure high quality of respective technology programs being offered by the public and private institutions.

Efforts will be made to nurture an ecosystem where stakeholders' needs are met and the council can echo an authoritative voice of technologists in Pakistan. NTC will look forward to pragmatic suggestions and intellectual pearls of wisdom from the technologists' community with profound gratitude.



Statement of Compliance

In accordance with Section II – 18 of the By-laws of the National Technology Council, I submit, for information and presentation to the Controlling Authority, the Annual Report of the National Technology Council for the period 1 July 2017 to 30 June 2018.

Maj Gen (R) Akbar Saeed Awan
Chairperson NTC
Dated August, 2018



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Introduction:

NATIONAL TECHNOLOGY COUNCIL (NTC) www.ntc-hec.org.pk , is the body delegated by HEC with a mandate to carry out Accreditation in six technology disciplines of all 4 year programs leading to technology degrees over a span of 16 years of academic learning. The Accreditation is to be used to ensure that quality technology education programs are run in all the universities and their constituent colleges in the country. The technology programs and respective Higher Education Institutions meet certain defined standards comparable to international standards. The technology education curricula is aligned with guidelines of NTC, having substantial equivalence with international standards & and ensures Continual Quality Improvement culture, in the spirit of Outcome Based Education System in conformance with Sydney Accord. The Secretariat of NTC has been temporarily established in HEC's Sports Block in H-8/1 Sector of Islamabad.

1. VISION, MISSION & OBJECTIVES STATEMENTS:

Vision:
Transform Pakistan through technology by ensuring high quality teaching and training to develop Technologists for the benefit of society.

Mission:
To accredit higher education programs for graduate technologists, stimulate quality, innovation in teaching and training self-evaluation and accountability in higher education. Help higher education institutions (HEI's) to realize their academic objectives to produce high quality professional technologists for the benefit of society and maintain National Register of technologists.

Objectives:
Streamlining and Organizing Technology Education at National level by identifying National and global needs and dovetailing technology professionals into public and private sector projects. Defining and applying accreditation and certification standards for improving quality in Technology Education as well as providing certified Professional Technologists at National and Global level.

2. HIGHLIGHTS AND ACHIEVEMENTS 2017-18:

The NTC became properly functional in July 2017 and 2017-18 was the first financial year in which NTC remained fully functional. However, NTC could manage to achieve as follows:-

a. Third Bi-Annual Meeting

Third bi-annual meeting of the National Technology was held on 21st March 2018 and attended by 23 members, fulfilling the quorum requirements. The members were apprised of the progress of decisions of 2nd bi-annual meeting. The new agenda points were discussed thereafter and following decisions were taken:-

- Approval of Registration Committee comprising of following:-

President ... Dr. Hazrat Hussain
Member ... To be nominated by Chairperson from Members of Council
Secretary ... Secretary NTC as ex-officio member

- Approval of Service Structure for Engineering Technologists as follows:-
- Approval of NTC Manual
- Enhanced revision in Accreditation fees was considered, but not approved
- Approval of NTC Act

b. APPROVAL OF 'PROGRAM ACCREDITATION POLICY AND PROCEDURES MANUAL':

'Program Accreditation Policy and Procedures Manual (PAPPM)' for Engineering Technologies submitted by NTC was approved by competent authority with effect from 15th December 2017 vide No. QAA dated -12-2017 having following salient features: -

- Program Accreditation Policy And Procedures
- Accreditation and Re-accreditation Guidelines
- Zero / Prior approval assessment (to start a new program and verification) visit
- Zero / Prior Approval Assessment Visit Form & Report
- Interim Visit Form & Report
- Change of Scope Form & Report (which includes Increase in Intake, Program Objectives, Scheme of Study, Curriculum, Charter/Affiliation, Relocation of HEI or Campus etc.)
- Confirmatory visit Report
- Accreditation Re-accreditation Form and Report
- Evaluation Criteria for Technology Programs Accreditation
- Visit Schedule itinerary of Accreditation Inspection Committee (AIC), and un-scheduled visit
- Code of Ethics for the Program Evaluators

Accreditation – Qualifying Requirements:

(1) Applicant HEI must satisfy the legal status/requirement of the relevant bodies, specifying the particular legal arrangements as a Charter / Degree Awarding Institution (DAI), Constituent or Affiliated institution, or any other type, etc.

(2) Technology Program course of 4 years duration shall be made up of normally 130 - 136 credit hours as follows:-

Core Technology Subjects ... 70% credit hours
Related Subjects ... 30% credit hours

(3) Last two semesters 7th and 8th consists of Supervised Industrial / Field Training (minimum of 32 Credit Hrs @ 08 Hrs per day and 5 days a week i.e. 1280 contact hrs).

(4) The supervised industrial training may be conducted on the basis of time sharing formula of 60% : 40% i.e. 60% time on hands on training and 40% time will be spent on theoretical aspects of practicals to be conducted.



(5) Full-time Core Technology faculty, minimum of 06 (01 Professor, 01 Associate Professor, 02 Assistant Professors and 02 Lecturers) per program, and matching student-faculty ratio of 20:1 or better.
(6) Progress / Compliance Report on the last AIC visit observations / Technology Accreditation Board (TAB) decision.
(7) Summary of initiatives to adopt Outcome Based Education (Program Learning Objectives and Outcomes).
(8) Duly completed and signed Self-Assessment Report (SAR) as per prescribed format in chapter 4 of the NTC's PAPPM.

Accreditation – Criteria

The accreditation assessment however, involves a review of qualifying requirements and evaluation of a Technology program's conformance to the following accreditation criteria:-

Criterion 1 - Management and Organizational Structure
Criterion 2 - Program Educational Objectives (PEOs)
Criterion 3 - Program Learning Outcomes (PLOs)
Criterion 4 - Curriculum and Learning Process
Criterion 5 - Students
Criterion 6 - Faculty and Support Staff
Criterion 7 - Facilities and Infrastructure
Criterion 8 - Institutional Support and Financial Resources
Criterion 9 - Continuous Quality Improvement
Criterion 10 - Industry Linkages

Accreditation Fees

Zero visit Rs 150,000/-Interim visit
Change of Scope visit
Accreditation / Re-accreditation
Appeal against AIC decision Rs100,000 /- per case

Admission Criteria:

Minimum requirements for admission into any Technology program:

(1) 50% marks in F.Sc. or Equivalent Qualification / ICS / DAE / B.Sc. (Excluding sports and Hafiz-e-Quran)
(2) Qualifying the Entry Test
(3) **Induction Weightage:**
    I. 70% weightage to F. Sc. or Equivalent / ICS / DAE / B.Sc.
    ii. 30% to Entry Test
    iii. The student should have at least 50% overall adjusted / aggregate admission marks computed from above ratios.

Technology Accreditation Board (TAB):

To develop Accreditation, Registration Policies & processes, their implementation and phenomenal updating, Technology Accreditation Board (TAB) comprising of eight members i. Chairperson, Secretary and six Conveners of sub-committees will be formed. The decisions shall be taken by majority votes. Each member of TAB will have one vote, while Chairperson will also have casting vote if number of votes are equal.

Major Functions of Technology Accreditation Board:

(1) To formulate and implement NTC Accreditation & Registration policies and Administrative rules;

(2) To formulate guidelines and procedures for launching of new Technology Program and subsequent Program Accreditation;

(3) To evaluate the programs at regular intervals not exceeding four years with the third-year being the preparatory period for the next accreditation and request for accreditation / re-accreditation on prescribed forms be put up to NTC minimum 6 months before the start of the program;

(4) To appoint Accreditation Inspection Committee (AIC) to accredit each Technology Program;

(5) To receive and review evaluation reports by the AIC and to communicate its findings to the institutions concerned for their rejoinder, if any;

(6) To decide on whether accreditation should be granted or not, as well as the conditions to be imposed, if there is such a need;

(7) To respond to complaints and appeals regarding the accreditation process / decisions;

(8) In case of dispute, an appeal against the recommendation of AIC will be submitted by the HEI within 30 days of such decision with a report to substantiate the request. The Technology Accreditation Board (TAB) will take 30 working days to arrive at final decision against the appeal along with reasons for the decision or a revisit on behest of HEI;

(9) To publish online directory of all accredited programs (First Schedule) periodically;

(10) To represent NTC in mutual recognition agreements on academic qualifications with other countries and international forums;

(11) To report its work periodically to NTC's Controlling Authority;

(12) To prepare and maintain a registry of program evaluators to carry out accreditation of HEI's Technology Programs;

(13) To select and appoint program evaluators from the maintained registry to constitute AICs for carrying out technology programs accreditation. The number of program evaluators shall be specified by TAB as it may deemed appropriate for smooth accreditation process and to adhere with specified timeline;

(14) To Register as “Graduate Technologist” and “Professional Technologist” in the fields of Engineering Technologies;

(15) Revision of Accreditation and Registration policies in keeping with dynamic industrial needs.



Accreditation Inspection Committee (AIC):

Chairperson shall approve Accreditation Inspection Committee (AIC) from Members of sub-committee approved list of "Program Evaluators", for accreditation visitation to evaluate each respective candidate program.

Scope:

The scope of Engineering Technology comprises of Programs as follows and further programs can also be added in the list with the approval of competent authority:-

1. BSc Aeronautical Engineering Technology
2. BSc Agro Industrial Engineering Technology
3. BSc Air Conditioning Engineering Technology
4. BSc Aircraft Maintenance Engineering Technology
5. BSc Architectural Engineering Technology
6. BSc Automotive Engineering Technology
7. BSc Aviation Engineering Technology
8. BSc Bioengineering Technology
9. BSc Biomedical Engineering Technology
10. BSc Chemical, Process, Plant Engineering Technology
11. BSc Civil Engineering Technology
12. BSc Coal Engineering Technology
13. BSc Computer Engineering Technology
14. BSc Construction Engineering Technology
15. BSc Cyber Security Engineering Technology
16. BSc Drafting/Design Engineering Technology (Mechanical)
17. BSc Electrical Engineering Technology
18. BSc Electronic(s) Engineering Technology
19. BSc Electromechanical Engineering Technology
20. BSc Energy Engineering Technology
21. BSc Environmental Engineering Technology
22. BSc Fashion Design and Engineering Technology
23. BSc Fire Protection Engineering Technology
24. BSc Industrial Engineering Technology
25. BSc Garments Engineering Technology
26. BSc Information Engineering Technology
27. BSc Instrumentation and Control Systems Engineering Technology
28. BSc Manufacturing Engineering Technology
29. BSc Materials Engineering Technology
30. BSc Marine Engineering Technology
31. BSc Mechanical Engineering Technology
32. BSc Mechatronics Engineering Technology
33. BSc Metallurgical Engineering Technology

34. BSc Mining Engineering Technology
35. BSc Nuclear Engineering Technology
36. BSc Petroleum Engineering Technology
37. BSc Space Science Engineering Technology
38. BSc Surveying / Geomatics Materials Engineering Technology
39. BSc Telecommunications Engineering Technology
40. BSc Textile Engineering Technology

a. ACCREDITATION OF ENGINEERING TECHNOLOGY PROGRAMS:

Accreditation of Engineering Technology Programs was accordingly launched after 15th December 2017 and following Engineering Technology Programs were accredited or zero visits conducted:-

- **Accredited Programs up-to 30th June 2018:**
  I. BSc Biomedical Engineering Technology of UET Lahore (KSK Campus)
  ii. BSc Chemical Engineering Technology of UET Lahore (KSK Campus)
  iii. BSc Electrical Engineering Technology of UET Lahore (KSK Campus)
  iv. BSc Mechanical Engineering Technology of UET Lahore (KSK Campus)

- **Zero Visits Conducted up-to 30th June 2018:**
  I. BSc Automotive Engineering Technology of UET Taxila
  ii. BSc Biomedical Engineering Technology of UET Taxila
  iii. BSc Cyber Engineering Technology of UET Taxila
  iv. BSc Energy Engineering Technology UET Taxila
  v. BSc Civil Engineering Technology of BBBSUTSD Khairpur Mirs
  vi. BSc Electrical Engineering Technology of BBBSUTSD Khairpur Mirs
  vii. BSc Electronics Engineering Technology of BBBSUTSD Khairpur Mirs
  viii. BSc Mechanical Engineering Technology of BBBSUTSD Khairpur Mirs
  ix. BSc Electronics Engineering Technology of National University of Modern Languages, Islamabad

b. REGISTRATION OF ENGINEERING TECHNOLOGISTS

The Registration Policy was approved by the Competent Authority as follows:-

"NTC will maintain National Register of Technologists (NRT). The registration will be carried out in respect of Graduate Technologists holding 4 years Technology Degrees from HEC's recognized Higher Education Institutions and Technology programs normally consisting of 130-136 credit hours with 16 years of academic learning through F.Sc (Pre Engineering / Pre Medical) or equivalent, ICS, DAE as per following policy:-

The registration will be open to the technology degree programs, which come under the purview of NTC.



The Registration against nominal fee will be open to the following categories:-

(1) Registration as 'Graduate Engineering Technologists' on payment of Rs. 5,000/- for life time registration. The Graduates holding BSc Engineering Technology / B. Tech (Hons) / B. Tech / BS Technology / BE Technology / Bsc Technology Degrees will be registered on production of photocopy of HEC's attested Degree and Transcript. However, the cut out date for their registration would be 31st December 2021, after which only the Graduates permeating through NTC's accredited programs would be eligible for registration by NTC

(2) Registration as 'Professional Engineering Technologist' after acquiring 5 years of experience in the relevant Technology Discipline and on production of photocopy of HEC's attested D e g r e e and Transcript along with experience certificates issued by the competent authority of the concerned organizations / departments. The Registration fee would be Rs. 10,000/- for life time registration.

(3) Foreign degree holders will require HEC's equivalence certificate."

4. STATISTICAL DATA:

In order to ascertain the ground realities and to take rational decisions, the statistical data of technology education in the country was collected in 2017. In order to up-date it, effort was made and HEIs asked to provide figures of 1st January 2018. The response was however disappointing as follows:-

Analysis of Poor Response:

a.

b. NTC's requirement of 50% marks in FSc, etc. for admission with plan to raise it soon to 60 %, while private HEIs are inducting with marks even as low as 40%.

c. Private HEIs are under the impression that financially they will not remain profitable.

d. Only 7 HEIs has so far approached for accreditation, while rest are even having B. Tech (hons) classes in spite of knowing that HEC has stopped them since 2014 and students of their classes started in 2018 and thereafter shall not be eligible for registration after acquiring degree.

e. The Sarhad University of Science and Technology, Peshawar presents a classical study. They have HEC permission of 1,595 students in 10 Programs of 06 Technologies but practically having 69 programs of 06 Technologies with 6,093 students at 13 cities in about 20 campuses (they are having 02 campuses in 07 cities). Interestingly they have 42 programs of B-tech (Honors) with 4,742 students and 27 Programs of B.Sc. Engineering Technology with 1,351 for the same disciplines and running two different Programs of B-tech & B.Sc. of the same discipline in the same campus looks strange.

f. The Private Sector HEIs seems to be minting money by lowering criteria to as low as 40% marks in F.Sc./D.A.E as compared to 60% of Public Sector HEIs. Can a student with such a lower percentage become a good Technologist and does it not compel the HEIs to compromise their degree awarding standards to show / justify good results essential for their survival?

4. Service Structure:

The service structure has been developed by NTC and approved by its Council and its approval Federal Government through HEC sought. The salient features are as follows:-

- Unified cadre or occupational group at national level like Police Services, etc not recommended at this early stage.
- Identification of posts and consequently creation of Technologists cadre in each organization/department. Besides, approval of 'Recruitment, Transfer and Promotion Rules'.
- Appointment of Graduate Technologist in BPS-17 or equivalent in public and private sectors.
- Promotion in public sector as per Federal Govt. Rules for civil servants to BPS 18 - 22 in own cadre of Technologists in each department and those Technologists, who are occupying ex-cadre posts, to get promotion when they join their original cadre.
- Time-scale promotion up to BPS-19 admissible in same post if no sanctioned higher post available according to Promotion Rules, but without prescribed training.
- Higher education/qualification opportunities to be encouraged with incentives like scholarships/special pay or allowance/increments/exemption in qualifying service for promotion/hardship allowance, etc.
- Stipend @ Rs. 20,000/- per month for 7th & 8th Semester students getting industrial training, payable by concerned industrial units and in lieu FBR may give equivalent tax exemption to units on their pre-tax profits, or Govt. may approve special grants.

5. NTC Manual:

Chapter I – General Provisions

- NTC Manual of Functional Rules & Bye-laws' to be called with short name of 'NTC Manual'
- Gazette Notification, vision, mission and objective statements with logo
- Status of NTC, composition and working of Council

Chapter II – Employees Service Rules

- Employees only on contract, initially on 4 years contract, extendable on 2-years basis. However employees inducted with age 50 or more be given initial appointment of 2 years, with yearly extensions.
- TA / DA and leave as per Govt. rules, but leave admissibility at far less duration due to limited number of employees and contract service.
- Conduct as per Govt. rules.
- Disciplinary rules giving fair chance to defend and no contract termination on disciplinary grounds without inquiry and Show Cause.
- Normal service contract termination by either side on one month notice or in lieu pay thereof without intimating any reason, or on death / medical grounds or if contract not extended.



Chapter III – Financial & Accounting Rules

- Derived from Federal Govt. Rules and modified according to our situation, where necessary.
- All NTC's funds to be non-lapsable.
- Chairperson can approve cash payment up to Rs.25,000/- and normal contracts up to Rs. 1.000 Million, while Council the higher amounts.
- Chapter IV – Claims, Recoveries and Contracts derived from Federal Govt. Rules and modified according to our situation, where necessary.

Chapter V – Procurement Rules

- PPRA Rules summarized and given with authorities. Chairman HEC to authorize deviations, if needed in exceptional cases

Chapter VI – Losses & their Regularization

- Inquiry essential for losses exceeding Rs.5,000/-
- Write-off Powers

Chapter VII – Audit Rules

- Internal audit by HEC based on Chartered Accountants report
- External audit by reps of Auditor General of Pakistan

Chapter VIII - Accreditation and Registration

- Accreditation policy, list of programs, procedure, Technology Accreditation Board (TAB) and Accreditation Inspection Committees (AIC)
- Registration policy and procedures

4. Cases sent to NTC for better working, but approval still awaited:-
   Formation of five sub-committees
   Inclusion of the representatives of stakeholders (Ministry of Defence, Ministry of Defence Production, Strategic Planning Division, Planning Division) in Council to make it more representative.
   Removal of programs over-lapping with other Councils.
   Permission to levy fees and charges.
   Deletion of five TEVTA Members from sub-committee of Engineering Technologies.
   Reduction to 50% of Quorum requirements with no by-name nominations of ex-officio members.
   Following additional posts to cater for registration work:-
   Registrar (Equivalent to BPS-19)
   Deputy Registrar(Equivalent to BPS-18)
   Manager IT (Equivalent to BPS-18)

5. Efforts to Promote Ntc's Mission:

a. MEETINGS:

Meetings with following Heads of important Organizations were held for betterment of

Technology Education and Technologists:-

- Establishment Division
- Planning Commission of Pakistan
- Pakistan Engineering Council
- Ministry of Science & Technology
- DG National Health Services and Regulation
- Atomic Energy Commission
- NESCOM

b. Capacity Building Workshops for Evaluators:

Three 2-days' "Capacity Building Workshop" to train Program Evaluators were held at Islamabad (23-24 March 2018 with 35 participants), Karachi (23-24 March 2018 with 35 participants) and at Lahore(23-24 March 2018 with 35 participants) were held at Islamabad (23-24 March 2018 with 35 participants), Karachi (23-24 March 2018 with 35 participants) and at Lahore(23-24 March 2018 with 35 participants). The participants were all senior academicians.

C. Curriculum Improvement:

Curriculum of four major academic engineering degree programs (Electronic, Electrical, Civil and Mechanical) were finalized by Director Acad through NCRC meetings and draft uploaded for comments. This draft was fully modified by NTC to bring it in line with international standards / Sydney Accord and contains the following changes :-

- Three hours practical instead of two will constitute one credit hour.
- Supervised and continuous Industrial / Field training of 32 weeks has been made mandatory during 7th and 8th semesters.
- One week training @ 08 Hrs daily for 05 days a week will be counted as 1 credit hour and accordingly there would be 16 weeks per semester x 5 working days per week x 08 hours per day = 640 contact hour per semester or 1280 contact hours in 7th and 8th semesters.
- Training log book will be maintained duly signed by the Training Supervisor at site, Training Administrator appointed by HEI and the student himself.
- The industrial training assessment will be as follows:-

On the job trainer Report	20%
Training advisor report based on site visits	10%
Industrial training report	50%
Viva- voce	20%

A total of minimal 50 % marks shall be considered as passing marks.

d.



E. Preparation of Service Structure of Engineering Technologists:

The Service Structure for Engineering Technologists comprising of following has been prepared for obtaining approval of the Government:-

6. Budgetary Receipts and Expenditures:

Receipts		
Balance on 01-7-2017	...	Rs.1,873,685/-
Grants from HEC	...	Rs. 5,984,500/-
Accreditation Fees	...	Rs.
Registration Fee	...	Rs.
Total receipts		Rs. 7,580,012/-
Expenditures		
Pay & Allowances	...	Rs. 5,393,467/-
Other Expenditures	...	Rs. 312,860/-
Total Expenditures		Rs. 5,706,327/-
Balance brought forward to 2018-19	...	Rs. 1,873,685/-

In addition to above the following expenditures were met by QAA Department of HEC:-

Capacity Building Workshops	...	Rs. 1,722,093/-
Registration Certificates	...	Rs. 1,340,00/-
Registration Software/Equipment	...	Rs. 2,000,000/-
Total		Rs. 2,211,152/-

7. Annual Audit Report:

M/s Zia Masood Kiani & Co, the Chartered Accountants based in Islamabad, were engaged for annual audit of 2017-18 and their report is attached as Appendix 'A'.

8.5 Accreditation Visits:

a. Each Sub-Committee shall constitute an Accreditation Inspection Committee (AIC) for its relevant discipline, which will be then approved by the Council for purpose of accreditation visit to evaluate each respective candidate program from the approved list of evaluators.
b. Convener of each Sub-Committee shall head the AIC constituted for relevant field.
c. The accreditation process shall be carried on in a manner to evaluate each Technology program offered by Public and Private Sector Institutions.

8.6 Technology Accreditating Board (tab):

To develop Accreditation, Registration Policies & processes, their implementation and phenomenal updating, NTC shall be administered by Technology Accreditation Board (TAB) comprising of 08 members i.e. Chairperson, Secretary, and six Conveners of sub-committees. Council recommended for approval of HEC the following Composition of

Technology Accreditation Board (TAB): -

* The decisions shall be taken by majority votes. Each member of TAB will have one vote, while Chairperson will also have casting vote if number of votes are equal.

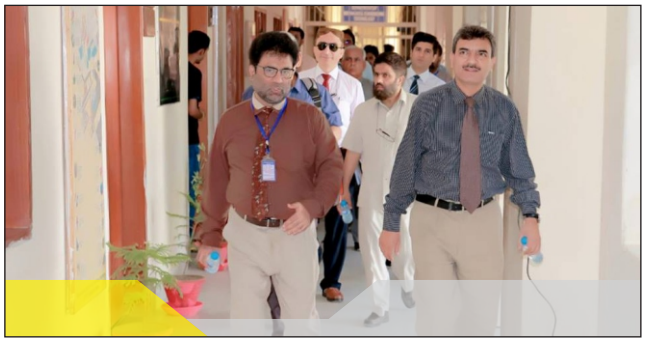
The major Functions of Technology Accreditation Board are as follows:

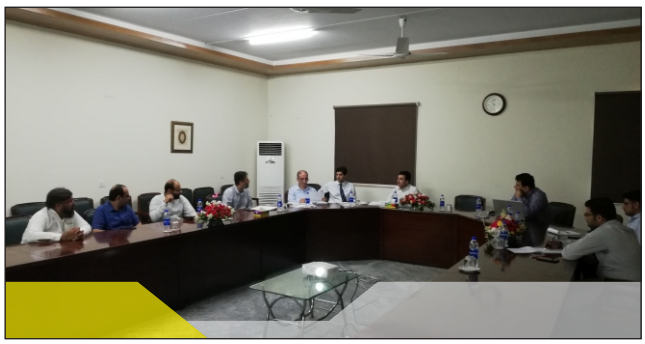
(1) To formulate and implement NTC Accreditation & Registration policies and Administrative rules.
(2) To formulate guidelines and procedures for launching of new Technology Program and subsequent Program Accreditation.
(3) To evaluate the programs at regular intervals not exceeding four years with the third-year being the preparatory period for the next accreditation and request for accreditation / re- accreditation on prescribed forms be put up to NTC minimum six months before the start of the program.
(4) To appoint Accreditation Inspection Committee (AIC) to accredit each Technology Program.
(5) To receive and review evaluation reports by the AIC and to communicate its findings to the institutions concerned for their rejoinder, if any.
(6) To decide on whether accreditation should be granted or not, as well as the conditions to be imposed, if there is such a need.
(7) To respond to complaints and appeals regarding the accreditation process / decisions.
(8) In case of dispute, an appeal against the recommendation of AIC will be submitted by the HEI within 30 days of such decision with a report to substantiate the request. The Technology Accreditation Board (TAB) will take 30 working days to arrive at final decision against the appeal along with reasons for the decision or a revisit on behest of HEI.
(9) To publish online directory of all accredited programs (First Schedule) periodically.
(10) To represent NTC in mutual recognition agreements on academic qualifications with other countries and international forums.
(11 To report its work periodically to NTC's Controlling Authority.
(12) To prepare and maintain a registry of program evaluators to carry out accreditation of HEI's Technology Programs.
(13) To select and appoint program evaluators from the maintained registry to constitute AICs for carrying out technology programs accreditation. The number of program evaluators shall be specified by TAB as it may deemed appropriate for smooth accreditation process and to adhere with specified timeline.

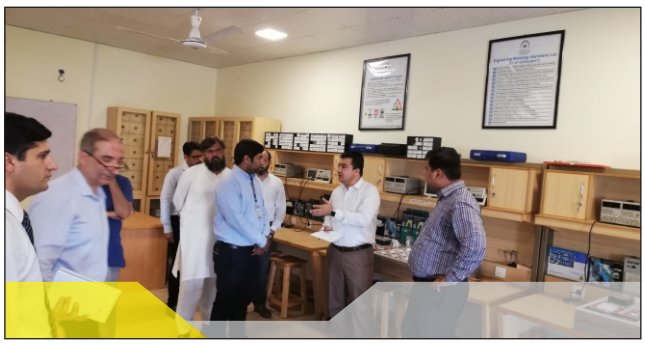


Picture Gallery

Inspection Visit



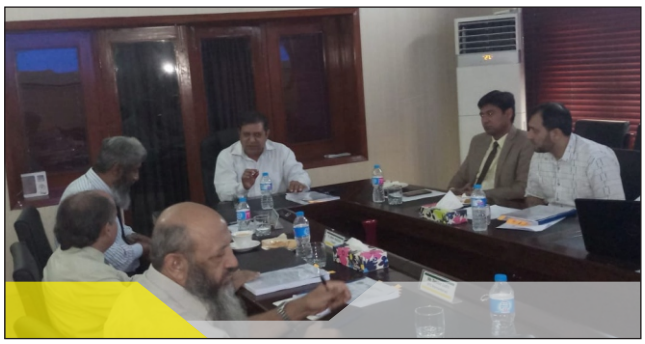
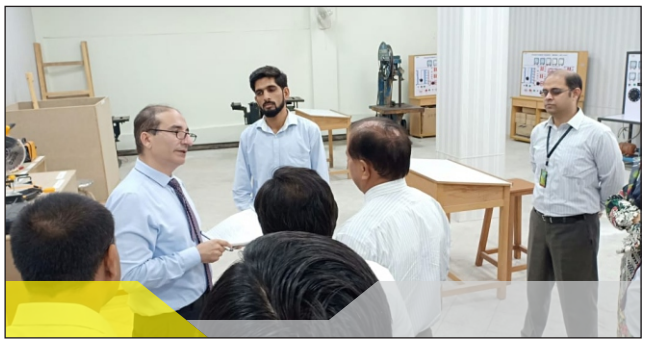


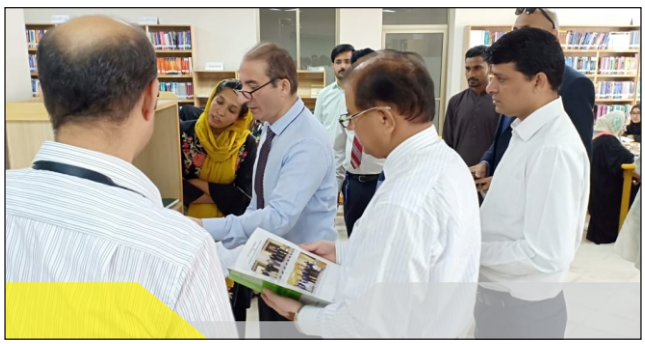




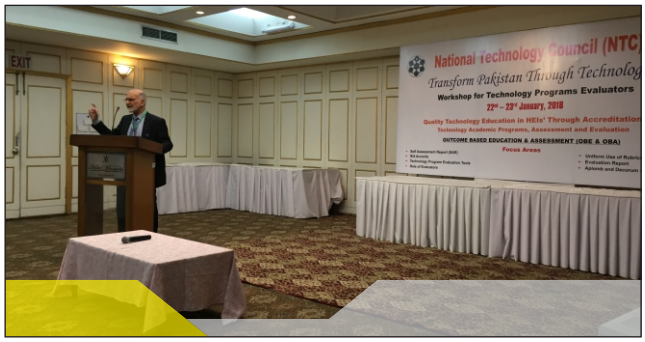
Inspection Visit

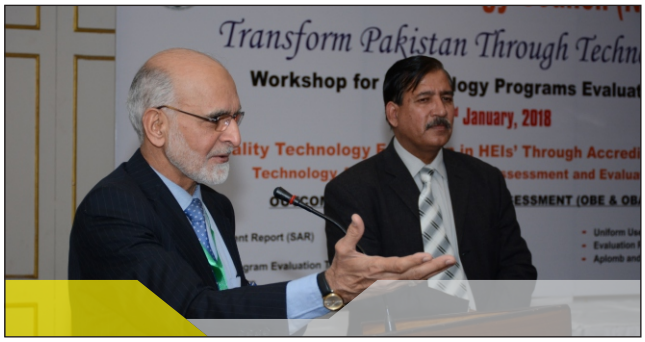


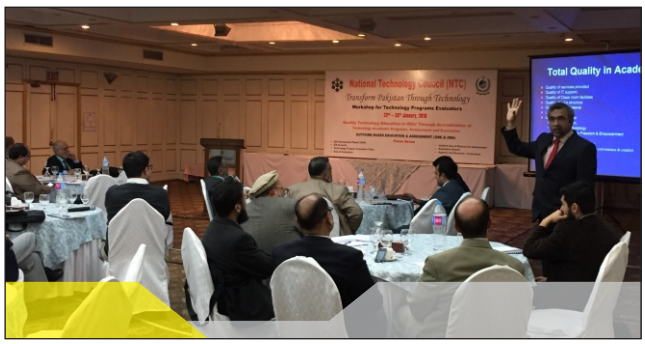






Capacity Building Workshop Islamabad



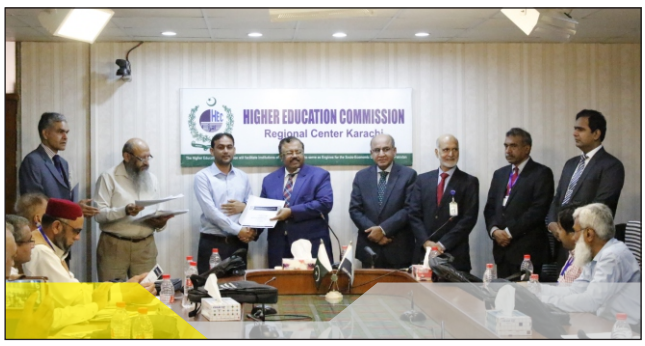


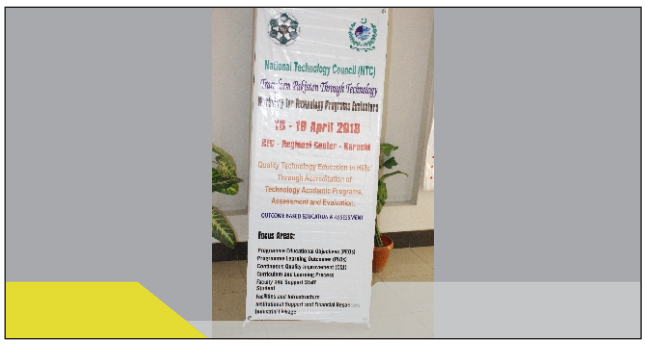




Capacity Building Workshop Karachi

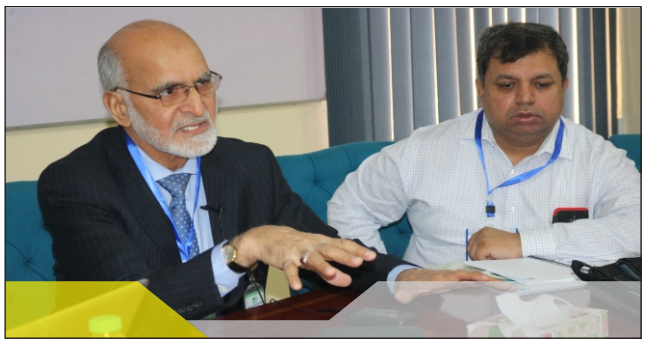
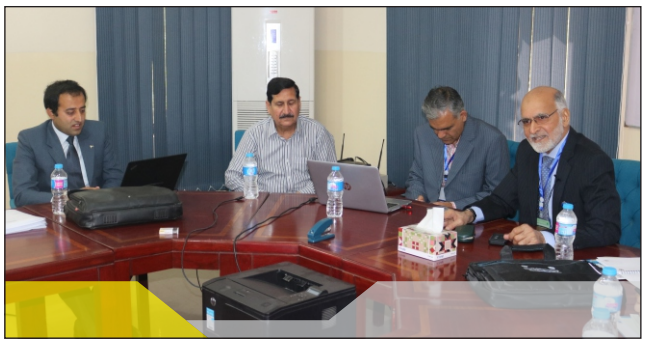


Capacity Building Workshop Lahore







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