ANNUAL REPORT

2019-20

National Technology Council (NTC) Islamabad

Chairman's Message

NTC is four years old and still in institutional infancy. However, the initial birth-pangs and teething problems have abated, and we can now chart a clear direction that bolsters technology, strengthens technologists, and benefits Pakistan. It is fortunate that over the last 5 years there is a sudden pivot towards technology as a trade, and technologists as professionals. The sharper focus has brought to surface many festering issues and generated a rational discussion at multiple levels that shall be the harbinger of much needed reforms and course-correction.

Currently engineers and technologists (now recognized by International Engineering Alliance as Engineering Technologists) are vying for the same higher BPS posts, often becoming confrontational and adversarial. With the boost new "technology" universities will give this field, it is essential that policies iron out areas of conflict so that engineers and engineering technologists can work seamlessly as essential, and necessary, parts of the engineering profession. Engineers, engineering technologists and engineering technicians are 3 parts of a whole -- albeit with different skills-sets – and become effective when working in tandem. Engineers cannot perform their functions without engineering technologists, and engineering technologists without engineering technicians are incomplete.

Engineers and engineering technologists have different skills-sets that are not replaceable, but as far as employment and upward mobility are concerned, they must have "equivalent" opportunities. A clearly defined career path needs to be developed for engineering technologists, with the same entry-point scale, and similar promotions in a parallel service structure. To actualize this HEC and NTC are working closely with the government for a sustainable policy framework.

For engineering technologists already in the field, we shall endeavor to create a mechanism where their skills-sets are enhanced. Similarly, HEC and NTC shall try to create opportunities for engineering technologists for higher education, after filtering them through an assessment protocol. NTC is working with HEC to offers 200 overseas scholarships for MS and PhD programs in Engineering Technology. Simultaneously, we shall work closely with universities running undergraduate Engineering Technology programs to start MS and PhD Engineering Technology programs after meeting HEC and NTC criteria.

Universities are "factories" where skilled manpower is produced under the vigilant regulatory framework set by HEC and NTC. Touchstone of our success is measured by the quality of the graduates. NTC is focusing on developing curriculum that is in close conformity with standards set by the Sydney Accord, an international regulatory framework for engineering technologists. Becoming a signatory member of the Sydney Accord will take time, but we can benefit from good practices of member countries in designing our programs so that the engineering technologists we produce are of international standards.

And finally, to the engineering technologists, let me say this: NTC was created by HEC for the express purpose of strengthening the engineering technology sector, and look after the welfare of engineering technologists. Together we shall work our way through the historic debris and, by the grace of God, clear the path that puts you -- and socio-economic development of Pakistan -- on a desirable and sustainable upward trajectory. For this I need your support.

Kind regards and God bless you all.

Imtiaz H. Gilani

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 2019 to 30 June 2020.

Imtiaz Hussain Gilani
Chairman NTC
Dated: *23rd October, 2020*

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National Technology Council
Annual Report (2019-2020)

1. 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 presently established in HEC's Sports Block in H-8/1 Sector of Islamabad.

2. Vision, Mission & Objectives Statement:

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 Statements:

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.

3. Code Of Ethics For Engineering Technologists

The following code of ethics is promulgated and incumbent upon the Engineering Technologists registered with NTC to subscribe to individually and collectively, and to up-hold the honor and dignity of the Engineering Technology Profession:-

"And it is He who has made you successors upon the earth and has raised some of you above others in degrees *[of rank]* that He may try you through what He has given you. Indeed, your Lord is swift in penalty; but indeed, He is Forgiving and Merciful." *6:165*

وَهُوَ ٱلَّذِي جَعَلَكُمْ خَلَٰئِفَ ٱلْأَرْضِ وَرَفَعَ بَعْضَكُمْ فَوْقَ بَعْضٍ دَرَجَٰتٍ لِّيَبْلُوَكُمْ فِي مَآ ءَاتَىٰكُمْ إِنَّ رَبَّكَ سَرِيعُ ٱلْعِقَابِ وَإِنَّهُ لَغَفُورٌ رَّحِيمٌ ﴿١٦٥﴾

"And do not mix the truth with falsehood or conceal the truth while you know." *2:42*

وَلَا تَلْبِسُوا۟ ٱلْحَقَّ بِٱلْبَٰطِلِ وَتَكْتُمُوا۟ ٱلْحَقَّ وَأَنتُمْ تَعْلَمُونَ ﴿٤٢﴾

"O you who have believed, avoid much *[negative]* assumption. Indeed, some assumption is sin. And do not spy or backbite each other. Would one of you like to eat the flesh of his brother when dead? You would detest it. And fear Allah; indeed, Allah is Accepting of repentance and Merciful." *49:12*

يَٰٓأَيُّهَا ٱلَّذِينَ ءَامَنُوا۟ ٱجْتَنِبُوا۟ كَثِيرًا مِّنَ ٱلظَّنِّ إِنَّ بَعْضَ ٱلظَّنِّ إِثْمٌ وَلَا تَجَسَّسُوا۟ وَلَا يَغْتَب بَّعْضُكُم بَعْضًا أَيُحِبُّ أَحَدُكُمْ أَن يَأْكُلَ لَحْمَ أَخِيهِ مَيْتًا فَكَرِهْتُمُوهُ وَٱتَّقُوا۟ ٱللَّهَ إِنَّ ٱللَّهَ تَوَّابٌ رَّحِيمٌ ﴿١٢﴾

"The repentance accepted by Allah is only for those who do wrong in ignorance *[or carelessness]* and then repent soon after. It is those to whom Allah will turn in forgiveness, and Allah is ever Knowing and Wise." *4:17*

إِنَّمَا ٱلتَّوْبَةُ عَلَى ٱللَّهِ لِلَّذِينَ يَعْمَلُونَ ٱلسُّوٓءَ بِجَهَٰلَةٍ ثُمَّ يَتُوبُونَ مِن قَرِيبٍ فَأُو۟لَٰٓئِكَ يَتُوبُ ٱللَّهُ عَلَيْهِمْ وَكَانَ ٱللَّهُ عَلِيمًا حَكِيمًا ﴿١٧﴾

"O you who have believed, fulfill *[all]* obligations." *5:1*

يَٰٓأَيُّهَا ٱلَّذِينَ ءَامَنُوٓا۟ أَوْفُوا۟ بِٱلْعُقُودِ ﴿١﴾

And the retribution for an evil act is an evil one like it, but whoever pardons and makes reconciliation - his reward is *[due]* from Allah. Indeed, He does not like wrongdoers. *42:40*

فَبِمَا رَحْمَةٍ مِّنَ ٱللَّهِ لِنتَ لَهُمْ وَلَوْ كُنتَ فَظًّا غَلِيظَ ٱلْقَلْبِ لَٱنفَضُّوا۟ مِنْ حَوْلِكَ فَٱعْفُ عَنْهُمْ وَٱسْتَغْفِرْ لَهُمْ وَشَاوِرْهُمْ فِي ٱلْأَمْرِ فَإِذَا عَزَمْتَ فَتَوَكَّلْ عَلَى ٱللَّهِ إِنَّ ٱللَّهَ يُحِبُّ ٱلْمُتَوَكِّلِينَ ﴿١٥٩﴾

And whoever saves one - it is as if he had saved mankind entirely. *5:32*

فَكَأَنَّمَآ أَحْيَا ٱلنَّاسَ جَمِيعًا

And cooperate in righteousness and piety, but do not cooperate in sin and aggression. And fear Allah ; indeed, Allah is severe in penalty. *5:4*

وَتَعَاوَنُوا۟ عَلَى ٱلْبِرِّ وَٱلتَّقْوَىٰ وَلَا تَعَاوَنُوا۟ عَلَى ٱلْإِثْمِ وَٱلْعُدْوَٰنِ وَٱتَّقُوا۟ ٱللَّهَ إِنَّ ٱللَّهَ شَدِيدُ ٱلْعِقَابِ ﴿٢﴾

But if you do good and fear Allah - then indeed Allah is ever, with what you do, Acquainted. *4:128*

وَإِن تُحْسِنُوا۟ وَتَتَّقُوا۟ فَإِنَّ ٱللَّهَ كَانَ بِمَا تَعْمَلُونَ خَبِيرًا ﴿١٢٨﴾

3.2 The Engineering Technologists shall uphold honor and integrity and advance the dignity of the engineering technology profession by:

- ✓ Using their knowledge and skill for the enhancement of human welfare, health and safety;
- ✓ Being honest and impartial and serving with fidelity the public, their employees; and
- ✓ Striving to increase the competence and prestige of the engineering technology profession and supporting the professional and technical societies of their disciplines.

3.3 The Engineering Technologists, in the fulfillment of their professional duties, shall:

- ✓ Hold paramount of the safety, health and welfare of the public;
- ✓ Perform services only in areas of their competence;
- ✓ Issue public statements only in an objective and truthful manner;
- ✓ Act for each employer or client as faithful agents or trusties;
- ✓ Avoid deceptive acts;
- ✓ Conduct themselves honorably, responsibly, ethically and lawfully so as to enhance the honor, reputation and usefulness of the profession;
- ✓ Give the utmost of performance;
- ✓ Participate in none but honest enterprise;
- ✓ Live and work according to the divine and universally acceptable laws and the highest standards of professional conduct; and
- ✓ Place service before profit, the honor and standing of the profession before personal advantage and the public welfare above all other considerations.

4. Activities During 2019-2020:

The NTC became properly functional in July 2016. Major activities of NTC during 2019-2020 were as follows:-

4.1 Fifth Council Meeting

(1) The 5th Meeting of National Technology Council (NTC) was held on 23rd January 2020 at 10:30 Hrs in Lecture Hall of HEC Headquarter H-9/1, Islamabad. The first session was presided by Dr. Fateh Muhammad, Acting Executive Director - HEC, while the second session was presided by Maj Gen Akbar Saeed Awan (Retd.), Chairman NTC. The Meeting started with recitation from Holy Quran. Dr. Fateh Muhammad, Acting Executive Director expressed that everyone in HEC shared one objective of promoting the technology education in the country. He appreciated Chairperson-NTC for contributing a lot for technology education by successfully launching the accreditation and registration programs and promoting cause of technologists. Some of the issues encountered in this regard have been addressed, while others are also being looked into for proper settlement. Everybody now realizes that Technology is very important for the economic development of the country.

(2) The second session started with Maj Gen Akbar Saeed Awan (Retd.) in chair. He welcomed the participants and appreciated the cooperation and support of Dr. Nadia Tahir, MD-QAA.

(3) The participants were informed that the following would be the sequence of the proceedings:-

    a. Confirmation of the Minutes of 4th Council Meeting held on 2ist April 2019.

    b. Progress of actionable points of 4th Council Meeting.

    c. Agenda points:

        i. NCRC Meetings

        ii. Ethics for Evaluators and Rubrics

        iii. Degree Title

    iv. Code of Ethics for Engineering Technologists

    v. Ex-post-facto approvals for regularization of engaging IT Consultant wef 13-3-2019 and grant of Project Pay Scales to NTC Employees wef August 2019.

(4) The Minutes of 4th Council Meeting were presented and confirmed by the Members.

(5) Progress on the actionable points of the 4th Council Meeting was presented by Mr. Tanveer Lodhi, Program Manager NTC as follows:-

    i. The notification of members of five Sub-committees other than 'All Engineering Technologies' was still under consideration of QAA and therefore the sub-committees continued to remain non-functional.

    ii. Accreditation/Zero visits of Engineering Technology Programs till date are following:

    - Accredited 11 programs of 4 universities

    - Provisionally Permitted 64 programs of 23 universities / affiliated colleges through Zero Visit

    - Zero visits of 3 HEIs for 5 programs are being planned shortly

    iii. Registration of Engineering Technologists from 15-03-2018 till date:

        Graduate Engineering Technologists   ….. 1850

        Professional Engineering Technologists …..   750

              Total   **2600**

    iv. NCRC Meetings: Holding of NCRC Meetings under the arrangements of NTC in respect of 14 disciplines with probable expenditure of Rs.10 Million from NTC f u n d s were approved.

    v. Following cases submitted by NTC are still under process at various levels:

    - NTCP Act

    - Service Structure for Engineering Technologists

    - The review of equivalency of undergraduate engineering technology degree with BE/BSc Engineering Degree.

    - Shortage of manpower & office space still persists, however, advertisement for induction has been sent for inviting applications.

    - The need for Life Health Science Technology with recognized services structure HEC is contemplating to make separate Council for them.

    vi. Budgetary Position (as it stood on 20 - 02 -2020):

<div align="right">(Rupees in Million)</div>

Financial Year	Allocations From HEC	Registration Fee	Accreditation Fee	Total Income (A)	Expenditures (B)	Balance (A-B)
2015-16	2.0000	-	-	2.0000	-	2.0000
2016-17	5.9845	-	-	5.9845	6.1177	4.4379
2017-18	6.0000	2.6000	3.7500	12.3500	7.9121	4.4379
2018-19	0.5441	9.4699	6.7500	16.7641	12.2333	4.5308
2019-20	4.0000	6.2362	4.7500	14.9862	5.6314	9.3558
Total	**18.5286**	**18.3061**	**15.2500**	**52.0848**	**31.8945**	**20.1903**

vii. **Agenda Points**

No.1 Holding of NCRC Meetings under the arrangements of NTC in respect of 14 disciplines with probable expenditure of Rs.10 Million from NTC funds was approved.

No.2 The change of title of 'BSc Engineering Technology' degree to 'BS Engineering Technology' was approved for recommendations to HEC.

4.2 MD-QAA appreciated the good jobs being done by NTC and termed their biggest achievement to acquiring financial self-sufficiency. She suggested NTC to develop SOP for holding workshops and QAA would have to be just formally informed of such workshops. Prof. Younus, Javed, VC HITECH Taxila suggested that Accreditation section & Registration offices of NTC needs to be strengthened to make them highly efficient and competent.

5. Accreditation Of Engineering Technology Programs:

Accreditation of Engineering Technology Programs was accordingly carried out between 1st July 2019 to 30th June 2020 and following BSc Engineering Technology Programs were accredited or permitted to be offered after zero visits:-

Sr #	Higher Education Institution	Dates of Visit	BSc Eng Tech Program disciplines	Status/Nature of Visit
1	Foundation University, Rawalpindi	2-3 July 2019	Information=1	Permitted after Zero Visit
2	Nazeer Hussain University, Karachi	10-11 July 2019	Civil, Electrical, Electronics, Mechanical=4	Permitted after Zero Visit
3	Hamdard University, Karachi	11-12 July 2019	Electronics=1	Permitted after Zero Visit
4	Mirpur University of Science & Technology	12-13 Jul 2019	Civil, Electrical=2	Accredited
5	University of Agriculture, Faisalabad	30-31 Aug 2019	Textile=1	Permitted after Zero Visit
6	Northren University, Nowshehra	13-14-Sep 2019	Information=1	Permitted after Zero Visit
7	NFC Institute of Engineering & Technology, Multan	14-15 Oct 2019	Biomedical, Civil, Chemical, Electrical, Mechanical=5	Permitted after Zero Visit
8	UET, Taxila	16-17 Oct 2019	Biomedical, Automotive, Energy=3	Interim Visit conducted
9	Foundation University, Sialkot	18-19 Oct 2019	Information=1	Permitted after Zero Visit
10	Alhamd Islamic University, Quetta	21-22 Oct 2019	Civil=1	Permitted after Zero Visit
11	Hamdard University, Karachi	24-25 Oct 2019	Electrical=1	Permitted after Zero Visit
12	Foundation University, Rawalpindi	29-30 Oct 2019	Biomedical=1	Permitted after Zero Visit

13	Hamdard University, Karachi	21-22 Dec 2019	Mechanical=1	Permitted after Zero Visit
14	Hyderabad College of Science & Technology, Hyderabad	23-24 Dec 2019	Civil, Electrical, Mechanical=3	Permitted after Zero Visit
15	IST, Islamabad	3-4 Mar 2020	Aircraft Maintenance=1	Permitted after Zero Visit
16	National Textile University, Faisalabad	11-12 Mar 2020	Textile=1	Interim Visit conducted
17	Ripah International University, Faisalbad	13-14Mar 2020	Electrical=1	
18	UET, Kala Shah Kaku	Planned visit disrupted by lockdown	Biomedical, Electrical=2	Planned Interim Visit
19	University of Southren Punjab, Multan	Planned visit disrupted by lockdown	Civil, Electrical, Mechanical=3	
20	MNSUET, Multan	Planned visit disrupted by lockdown	Electrical=1	
21	UMT, Lahore	Planned visit disrupted by lockdown	Aircraft Maintenance=1	
22	Superior College, Lahore	Planned visit disrupted by lockdown	Aviation=1	
23	Korakram International University, Gilgat	Planned visit disrupted by lockdown	Civil=1	Planned Zero Visit
24	Alhamd Islamic University, Islamabad	Planned visit disrupted by lockdown	Civil=1	
25	Balochistan UET, Khuzdar i. Kuzdar Campus ii. Turbat Campus iii. Uthal Campus	Planned visits disrupted by lockdown	Civil, Computer, Electrical & Mechanical in each=12	
26	Govt. College of Technology, Hyderabad	Planned visit disrupted by lockdown	Civil, Computer, Electrical, Mechanical=3	
27	Sarhad University DEC (Comwave Institute of Science & IT, Islamabad)	Pending for HEC's policy announcement for Distance Education Centers (DECs)	Civil, Electrical Electronics, Mechanical=4	Zero Visit Pending due to delay in announcement of HEC's revised policy for DECs.
28	Sarhad University DEC (Alnoor College of Engineering & Technology, Kohat)		Civil, Electrical=2	

Summary of Visits

✓ One accreditation visit for 2 programs conducted.

✓ Three interim visits conducted of 5 programs and 5 visits of 8 programs could not be conducted due to lockdown.

✓ 13 Zero visits conducted of 22 programs, while 6 visits of 17 programs could not be conducted due to lockdown.

✓ Two zero visits of 6 programs of two DECs could not be conducted for want of HEC's policy Announcement regarding DECs.

6. Degree Awarding Institutions /higher Education Institutions Offering Permitted Engineering Technology Programs:

The names of Degree Awarding Institutions (DAIs) /Higher Education Institutions (HEIs) and their affiliated colleges with latest status of their accreditation/permission accorded by NTC to offer their OBE based Engineering Technology Programs, are as under:-

Province	City	Degree Awarding Institution	Sr.#	BSc Engineering Technology Programs	Permitted From
Islamabad Capital Territory	Islamabad	NUML	1	Electronics	Fall 2018
		Hamdard University Islamabad Campus	2	Computer	Fall 2019
			3	Industrial	
		Institute of Space Technology	4	Aircraft Maintenance	Fall 2020
			5	Aviation	Zero visit planned in Nov 2020
		Alhamd Islamic University	6	Civil	Fall 2020
		Sarhad University of Sc & IT Peshawar in Comwave Institute of Science & IT	7	Civil	Applied, but Zero visit delayed till HEC's policy for DECs is announced
			8	Electrical	
			9	Electronics	
			10	Mechanical	
Punjab	Rawalpindi	Foundation University	11	Information	Fall 2019
			12	Bio-medical	
	Taxila	University of Engineering & Technology	13	Automotive	Only one batch was given admission for Fall 2017 (Interim visits conducted in October 2019, except of Cyber, which they did not apply). Programs will be phased out in 2021.
			14	Energy	
			15	Bio-medical	
			16	Cyber	
	Wah Cantt	(University of Wah affiliated) Wah Engineering College	17	Mechanical	Fall 2018 (Further admissions discontinued from Fall 2019 & existing programs being phased out)

	Faisalabad	National Textile University	18	Textile	Fall 2018 (Interim visit conducted)
		Ripah International University, Faisalabad Campus	19	Electrical	Fall 2018 (Interim visit conducted)
		University of Agriculture	20	Textile	Fall 2019
	Sialkot	Foundation University Sialkot Campus	21	Information	Fall 2018
		University of Sialkot	22	Civil	Fall 2018
			23	Electrical	
			24	Mechanical	
	Gujranwala	(UET Lahore Affiliate) Chenab College of Eng. & Tech. Gujranwala	25	Civil	Fall 2018 (Abandoned classes and closed the college)
			26	Mechanical	
			27	Electrical	
	Gujrat	University of Lahore Gujrat Campus	28	Civil	Fall 2018
	Lahore	UET, KSK Campus	29	Biomedical	Fall 2018 (Accreditation visit planned for Electrical & Biomedical) Admissions stopped from Fall 2019
			30	Electrical	
			31	Mechanical	
			32	Chemistry	
		The Superior College	33	Aviation	Fall 2018 (Interim visit planned for Nov 2020)
		University of Management and Technology	34	Aircraft Maintenance	Fall 2018 (Interim visit planned for Nov 2020)
		University of Central Punjab	35	Civil	Fall 2018 (Inducted session abandoned in 2019 with no further admissions)
			36	Electrical	
			37	Mechanical	
		Ripah International University, Lahore Campus	38	Electrical	Fall 2018
	Multan	Muhammad Nawaz Sharif University of Science & Technology	39	Civil	Fall 2018 (Applied for Electrical, only, which is planned in Nov 2020)
			40	Electrical	
			41	Mechanical	
			42	Chemical	
		Muhammad Nawaz Sharif University of Agriculture	43	Agro Industrial	Fall 2018 (Interim visit planned in Nov 2020)
		University of Southren Punjab	44	Civil	Fall 2018 (Interim visit planned in Nov 2020)
			45	Electrical	
			46	Mechanical	

		NFC Institute of Engineering & Technology	47	Civil	Fall 2018
			48	Electrical	
			49	Mechanical	
			50	Chemical	
			51	Bio-medical	
	Rahim Yar Khan	Khawaja Fareed University of Engineering & IT	52	Electrical	Fall 2018 Zero visit planned in Nov 2020
			53	Mechanical	
Khyber Pakhtun Khawa	Nowshehra	University of Technology (APS)	54	Energy	Fall 2018
			55	Information	
		Northren University	56	Information	Fall 2018
	Peshawar	Sarhad University of Science & Information Technology	57	Computer	Spring 2019
			58	Civil	Fall 2018
			59	Electronics	
			60	Electrical	
			61	Mechanical	
		City University	62	Civil	Fall 2018
			63	Electrical	
	Kohat	(Sarhad University of Sc. & IT Peshawar DEC)	64	Civil	Zero visit delayed till HEC's policy for DECs is announced
		Alnoor College of Engineering and Technology	65	Electrical	
Sindh	Khairpur Mirs	BB Shaheed University of Technology & Skills Development	66	Civil	Spring 2018
			67	Electrical	
			68	Electronics	
			69	Mechanical	
	Karachi	Hamdard University	70	Electronics	Fall 2019
			71	Electrical	
			72	Mechanical	
			73	Civil	Fall 2020
		Sindh Institute of Management & Technology	74	Electrical	Spring 2019
			75	Mechanical	
		Sir Syed University	76	Civil	Spring 2018
			77	Electrical	
			78	Electronics	Fall 2019
		Zia Ud Din University	79	Bio-medical	Fall 2019

		Karachi Institute of Economics & Technology	80	Computer	Fall 2019
			81	Electronics	
		Nazeer Hussain University	82	Civil	Fall 2019
			83	Electrical	
			84	Electronics	
			85	Mechanical	
	Hyderabad	(Mehran University jamshoro affiliate) -Hyderabad College of Science & Technology	86	Civil	Fall 2018
			87	Electrical	
		(Mehran University Jamshoro affiliate) Govt. College of Technology	88	Civil	Fall 2020
			89	Electrical	
			90	Mechanical	
	Nawabshah	[Quaid e-Awam University of Science, Engineering & Technology (QUSET) affiliate] Govt. Habib College of Technology	91	Civil	Fall 2020
			92	Electrical	
			93	Mechanical	
	Larkana	(QUASET affiliate) Govt. College of Technology	94	Civil	Fall 2020
			95	Electrical	
			96	Mechanical	
Baluchistan	Quetta	Alhamad Islamic University	97	Civil	Fall 2018
	Khuzdar, Uthal and Turbat Campuses	Balochistan University of Science & Technology Khuzdar	98 to 109	Following in each Campus: i. Civil ii. Electrical iii. Mechanical iv. Computer System	Fall 2020
Gilgit Baltistan	Gilgit	Korakrum International University	110	Civil	Fall 2019
AJ & K	Mirpur	Mirpur University of Science & Technology	111	Civil	Fall 2018
			112	Electrical	

SUMMARY

Total Visits… 4 Accreditation, 3 Interim 47 Zero visits conducted (1 zero visit & 6 interim visits pending)

Total Visits Conducted … 54

No. of Programs Permitted after Zero Visits/under visit … 112

Programs of DECs for which HEC's policy awaited … 6 Programs offered by 2 DECs

b. Degree Awarding Institutions whose 4-years Bachelor Level Technology Programs Offered after 15th December 2017, if any, have NO Permission of National Technology Council and are NOT YET offered for Zero Visit:

Province	Sr. #	Degree Awarding Institution	Probable Engineering Technology Programs
Islamabad	1	NUTECH, Islamabad	Planned __Civil, Electrical, Mechanical, Electronics= 4
	2	Skills University, Islamabad	Planned from Spring 2021 Construction Management, Electronics, Automotive, Cyber Security, Artificial Intelligence = 5
	3	Isra University Islamabad	Electrical, Electronics, Civil =3
Punjab	4	GCU Faisalabad - Faisalabad Campus - Sahiwal campus - Layyah Campus	i. Civil, Electrical, Mechanical, Chemical = 4 in Faisalabad, whie Civil, Electrical, Mech =3 each in other two campuses (Total 10 programs)
	5	University of Sargodha	Civil, Electrical, Mech =3
	6	University of Lahore Lahore campus	Civil, Electrical, Mechanical, Electronics = 4
	7	Punjab Tiangtin University, Lahore	Civil, Electrical, Mechanical, Automobile = 4
	8	Punjab University Lahore	Still in Planning stage __ Textile = 1
	9	(UET Lahore Affiliate) GCT Railway Road Lahore	Mechanical, Chemical, Electrical, Civil =3
	10	(UET Lahore Affiliate) NFC IET Faisalabad	Civil. Electrical, Mech = 3
	11	(UET Lahore Affiliate) GCT Bahawalpur	Electrical, Electronics, Mech, Information = 4
	12	(UET Lahore Affiliate) Quaid-e-Azam College of Eng. & Technology Sahiwal	Civil = 1
	13	(UET Lahore Affiliate) Quaid-e-Azam College of Eng. & Technology, Pattoki	Civil, Chemical, Electrical, Mech = 4
	14	UET Lahore Narowal Campus	Civil = 1
	15	(UET Lahore Affiliate) GCT Rasul	Civil = 1
	16	(UET Lahore Affiliate) Lahore College of Eng. & Tech, Kasur	Civil = 1
	17	(UET Lahore Affiliate) AQ Khan Inst of Sc. & Technology Mianwali	Civil, Electrical, Mech, Chemical = 4
	18	(UET Lahore Affiliate) Swedish College of Eng. & Technology Rahim Yar Khan	Civil = 1

	19	[Islamia University Bahawalpur (IUB)] (IUB Affiliate] Azeem College of Tech Bahawalpur	Electrical = 1
	20	(IUB Affiliate] Royal College of Sc. & Technology Bahawalpur	Civil, Mech, Chemical=3
	21	(IUB Affiliate] Asian College of Technology Bahawalpur	Civil. Electrical, Electronics = 3
	22	(IUB Affiliate] Ali College of Eng. & Technology Bahawalpur	Civil = 1
	23	Mir Chakir Khan Rind University of Technology	Civil, Electrical, Information, Chemical, Gas and Petroleum = 5
Khyber Pakhtun Khawa	24	(UET Peshawar affiliate) GCT Abbottabad	Mechanical = 1
	25	(UET Peshawar affiliate) GCT DI Khan	Electrical = 1
	26	(UET Peshawar affiliate) GCT Nowshehra	Civil =1
	27	(UET Peshawar affiliate) GCT Mingora	Electrical = 1
	28	CECOS University of IT & Emerging Sciences Peshawar	Civil. Electrical, Mech = 3
	29	Abasyn University Peshawar	Civil, Electrical, Mech = 3
	30	14 Distance Education Centers (DECs) of Sarhad University of Sc. & IT, Peshawar	Civil, Electrical, Mechanical & Electronics Programs ranging from 2-4 in each DEC (HEC has stopped induction from Fall 2019 till announcement of policy for DECs)
	31	Qurtaba University DI Khan	Civil, Electrical = 2
	32	Preston University (i) Kohat Main Campus (ii) Peshawar Campus (iii) Islamabad Campus	Civil. Electrical, Mechanical, Electronics = 4 in each (Total 12 programs)
Sindh	33	Indus University, Karachi	Mechanical = 1
	34	PIMSAT, Karachi Main Campus	Civil, Electrical, Mechanical, Electronics, Chemical = 5

SUMMARY

No. of HELs … 13 + 4 campuses + 18 Affiliated colleges

No. of Probable Programs … 85 (Programs of 14 DECs not included)

No. of Programs in Planning Stage … 11 in 3 universities

7. **Registration Of Engineering Technologists:**

The total registration carried out up to 30th June 2020 was as under:

Technology	Applications			Registered			Cases Closed	Under Verification/ Rectification
	PET	GET	Total	PET	GET	Total		
Civil	465	1016	1481	411	999	1410	13	58
Electrical	259	576	835	208	556	764	17	54
Mechanical	153	347	500	129	335	464	4	32
Electronics	76	87	163	62	82	144	5	14
Chemical	12	25	37	10	24	34	-	3
Biomedical	1	14	15	1	14	15	-	-
Petroleum	1	2	3	1	2	3	-	-
Telecom	-	2	2	-	2	2	-	-
Textile	-	2	2	-	2	2	-	-
Aircraft Maintenance	-	2	2	-	2	2	-	-
Aviation	-	11	11	-	11	11	-	-
Total	967	2084	3051	822	2029	2851	39	161

8. NCRC Meetings:

NCRC Meetings are still pending for revised policy announcement by HEC. However, Curriculum Development Committees were planned and first 3-days session of following technologies were scheduled for the month of February-March 2020:-

- Computing Engineering Technologies

- Aircraft Maintenance & Aviation Engineering Technologies

- Textile Engineering Technologies

However, only one 3-days session of Computing Technologies was held, while further progress/holding of meetings were not possible due to Corona lockdown.

9. Budgetary Receipts And Expenditures:

Balance Brought Forward on 01-7-2019   … Rs. 10.8424 Million

Receipts during 2019-2020

Accreditation Fees   … Rs. 7.9000 Million

Registration Fee   … Rs. 8.6082 Million

Other Sources   … Rs. 4.000 Million

Total receipts   … Rs. 20.5082 Million

      Expenditures during 2019-2020   **… Rs. 10.3718 Million**

      Balance brought forward to 2020-2021   **... Rs. 20.9788 Million**

10. Annual Audit Report:

M/s Zia Masood Kiani & Co, the Chartered Accountants based in Islamabad, were engaged for annual audit of 2019-2020 and their report is attached as Appendix-'A'.
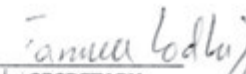
Annexure 'A'

Annual Audit Report 2019-2020

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NATIONAL TECHNOLOGY COUNCIL

AUDIT FOR THE YEAR
ENDED JUNE 30, 2020

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NATIONAL TECHNOLOGY COUNCIL
RECEIPTS AND EXPENDITURE STATEMENT
FOR THE YEAR ENDED JUNE 30, 2020

	Note	2020 (Rupees)
Receipts	5	20,508,200
Expenditure		
Establishment costs		7,730,040
Printing and stationery		319,920
Repair & maintenance		-
Publicity and advertisement		48,500
TA/DA		1,936,278
Meeting and seminars		116,475
Bank charges		5,064
Miscellaneous expenses	6	99,287
Audit fee		30,360
Communication expenses		66,898
Legal and professional fee		-
Computer and office equipment	8	19,000
		10,371,822
Excess of Receipts over Expenditure		10,136,378

The annexed notes from 1 to 11 and annexure A form an integral part of these financial statements.

Samuel Lodhi 6/8/2020
Acting **SECRETARY**

06/8/2020
ACCOUNTS OFFICER

NATIONAL TECHNOLOGY COUNCIL
NOTES TO THE RECEIPTS AND EXPENDITURE STATEMENT
FOR THE YEAR ENDED JUNE 30, 2020

Note 1
Council and its Operations

National Technology Council (hereby referred to as 'Council') was established by Higher Education Commission (HEC) via notification No.19-3 /HEC/HRM/2015/9721 dated 7th September 2015, published in the Gazette of Pakistan on October 2, 2015. The objective of Council is to accredit Higher Education Institutions Programs for graduate technologists by stimulating quality, innovation in teaching and training, self-evaluation & accountability and helping Higher Education Institutions (HEI's) to realize their academic objectives to produce high quality professional technologists for the benefit of society.

Note 2
Statement of Compliance

The Receipts and Expenditures Account has been prepared in accordance with the basis of accounting as described in Note 3.

Note 3
Basis Of Preparation

The Receipts and Expenditure Account has been prepared under the cash basis. In cash basis of accounting revenue is recognized when received rather than when earned and expenses are recognized when payments are made rather than when incurred.

Note 4
SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Significant accounting policies applied in the preparation of these financial statements are setout below. These policies have been consistently applied to all the years presented.

4.1 **Income Recognition**
Income/Receipts are recognized when cash and cash equivalent is received.

4.2 **Functional and presentation currency**
The Receipts and expenditure statement is presented in Pakistani Rupees, which is the Council' functional and presentation currency.

4.3 **Cash and cash equivalents**
Cash and cash equivalents comprises of cash in hand and cash at bank.

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NATIONAL TECHNOLOGY COUNCIL
Notes to the Financial Statements

Note 5
Receipts

	Note	2020 Rupees
Income from accreditation fee		7,900,000
Income from registration fee		8,608,200
Support income from HEC		4,000,000
		20,508,200

Note 6
Miscellaneous Expenses

	Note	2020 Rupees
Office support expense		90,167
Water consumption expenses		9,120
		99,287

Note 7
Variance Analysis

	Budgeted Rupees	Actual Rupees	Variance Rupees	Percentage
Establishment costs	9,900,000	7,730,040	2,169,960	22%
Printing and stationery	550,000	319,920	230,080	42%
Repair & maintenance	110,000	-	110,000	100%
Publicity and advertisement	110,000	48,500	61,500	56%
TA/DA	3,300,000	1,936,278	1,363,722	41%
Training & orientation	110,000	-	110,000	100%
Publication & Printing	55,000	-	55,000	100%
Meetings / seminars	440,000	116,475	323,525	74%
Audit expenses	38,500	30,360	8,140	21%
Legal & professional	110,000	-	110,000	100%
Bank charges	165,000	5,064	159,936	97%
Vehicle running & maintenance expenses	220,000	-	220,000	100%
Miscellaneous expenses	220,000	99,287	120,713	55%
Communication expenses	110,000	66,898	43,102	39%
Computer and office equipment	2,200,000	19,000	2,181,000	99%
Furniture and fixtures	220,000	-	220,000	100%
Vehicle	2,750,000	-	2,750,000	100%
	20,608,500	10,371,822		

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NATIONAL TECHNOLOGY COUNCIL
Notes to the Financial Statements

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Note 8
Computer and Office Equipment

	Note	2020 Rupees
Computer equipment		19,000
		19,000

Note 9
General Fund

	Note	2020 Rupees
Balance at the beginning of the year		10,842,396
Surplus/(Deficit) for the year		10,136,378
Balance at the year end		20,978,774

General Fund is being represented by Cash and Cash equivalents at the year end June 30, 2020

Note 10
Cash and cash equivalents

	Note	2020 Rupees
Cash in hand		-
Cash at bank		
- Balance as per current a/c (PKR)		21,131,386
Less: Unpresented cheques		(152,612)
		20,978,774
Total Cash and cash equivalents		20,978,774

Note 11
General

11.1 Figures in these financial statements have been rounded off to the nearest rupee.
11.2 These financial statements were authorized for issue by the Council on __6/8/20__ .

ammen todli
Acting **SECRETARY**

__06/8/2020__
ACCOUNTS OFFICER

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NATIONAL TECHNOLOGY COUNCIL

FIXED ASSET MEMORANDUM ACCOUNT*

Sr. No	Item Description	Quantity	Cost (Rs.)	Date of Purchase	Stock Register Page No.	Depreciation Rate/WDV	Book Value As On 2020
A	Category: Computer & Accessories						
1	HP Laptops Core i5,Probook with Bags	3	202,500	25/01/2019	1	20%	162,000
2	Printer (Epson L-805)	1	45,927	25/01/2019	1	20%	36,742
3	External Hard Drives	2	19,000	31/01/2020	1	20%	15,200
	Total Items & Cost (A)	6	267,427				213,942

Sr. No	Item Description	Quantity	Cost (Rs.)	Date of Purchase	Stock Register Page No.	Depreciation Rate	Book Value As On 2020
B	Category: Furniture & Fixture						
1	Table Writing Stand	1	3,550	20/02/2017	2	20%	2,130
	Total Items & Cost (C)	1	3,550				2,130

TOTAL ITEMS & COST (A+B)　　7　　270,977　　　　　　216,072

* Fixed asset memorandum account represents the assets owned by National Technology Council at their book value as on June 30, 2020.

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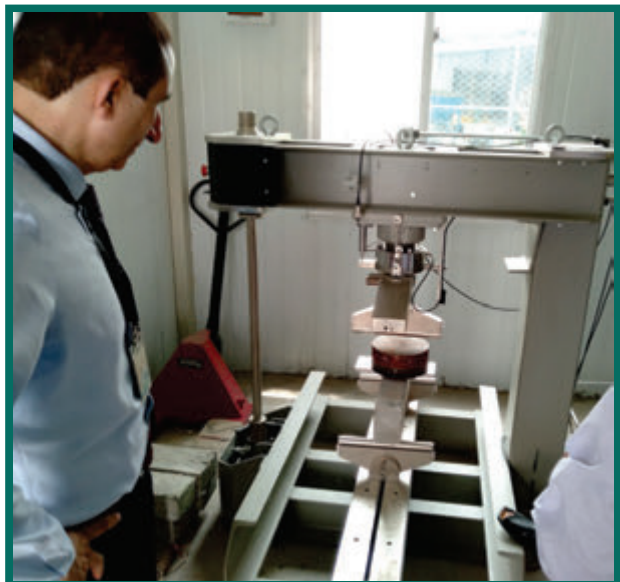
Picture Gallery

NATIONAL TECHNOLOGY COUNCIL (NTC)