SENATE SECRETARIAT

EIGHTEEN PARLIAMENTARY YEAR 2020-2021

REPORT NO. 35

REPORT OF THE SENATE STANDING COMMITTEEE ON FEDERAL EDUCATION, PROFESSIONAL TRAINING, NATIONAL HISTORY & LITERARY HERITAGE

ON

"Requirement of Service Structure for Technologists in the Country" Point of Public Importance raised by Senator Mushtaq Ahmed in the Senate sitting held on 14th January, 2020 referred to the Committee by the House.

PRESENTED BY

SENATOR RAHILA MAGSI

Chairperson SSC on Federal Education, Professional Training, National History & Literary Heritage

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I Senator Dr. Rahila Magsi, Chairperson of the Standing Committee on Federal Education, Professional Training, National History & Literary Heritage have the honour to present a report on Point of Public Importance regarding, **"Requirement of Service Structure for Technologists in the Country"** raised by Senator Mushtaq Ahmed in the Senate sitting held on 14th January, 2020 in the House and referred to the Standing Committee for consideration and report.

2.   The following is the composition of the Committee.

1.	Senator Rahila Magsi	Chairperson
2.	Senator Mushahid Hussain Syed	Member
3.	Senator Rana Maqbool Ahmed	Member
4.	Senator Molvi Faiz Muhammad	Member
5.	Senator Gul Bashra	Member
6.	Senator Najma Hameed	Member
7.	Senator Hilal ur Rehman	Member
8.	Senator Engr. Rukhsana Zuberi	Member
9.	Senator Behramand Khan Tangi	Member
10.	Senator Dr. Sikandar Mandhro	Member
11.	Senator Prof. Dr. Mehr Taj Roghani	Member
12.	Senator Manzoor Ahmed Kakar	Member
13.	Minister for Federal Education and Professional Training	Ex-Officio Member

3.   The Committee considered the Point of Public Importance in its meeting held on 3rd February, 2021 at Committee Room No.4 Parliament House, Islamabad. Meeting was attended by the following Members:-

1	Senator Engr. Rukhsana Zuberi	Chairperson
2.	Senator Hilal-ur-Rehman	Member
3.	Senator Prof. Dr. Mehr Taj Roghani	Member
4.	Senator Mushahid Hussain Sayed	Member
5.	Senator Rana Maqbool Ahmed	Member
6.	Senator Molvi Faiz Muhammad	Member
7.	Senator Mushtaq Ahmed	Mover
8.	Senator Barrister Muhammad Ali Khan Saif	Mover
9.	Senator Seemi Ezdi	Mover

4.   Ministry of Education presented the draft of Service Structure for Technologist. The B. Tech (Hons) degree was introduced by the Federal Government in 1973 and declared at "par" with Bachelor in Engineering degree by an Education Ministry notification. Immediately a debate ensured whether B. Tech and B. Engineering were equal, equivalent and/or replaceable? This issue was cleared by University Grant Commission (UGC) in 1998 and later Higher Education Commission (HEC) in 2014, both positing that: "The degree of B. Tech (Hons) is not equivalent to BE/BSc Engineering. The degrees of BE/BSc Engineering and B. Tech (Hons) must be considered as two distinct disciplines of knowledge in the field of engineering and technology and should run parallel to each other. However, B. Tech (Hons) may be treated at par and compatible with BE/BSc Engineering degree holders as far as grades, pay and promotions and other benefits are concerned".

5.   Pakistan Engineering Council (PEC) contends that as per PEC Act 1976, ' Engineering Professional Works' does not define functions for technologists, therefore no technology degree holder can hold or be appointed on technical post of BPS-17 and above. This has led to countrywide resentment among technologists, who are eligible for BPS-17 posts since they have 16 years of education.

6. NTC proposes the following draft 'Service Track (Structure) for Technologists.

B. Service Track (Structure) for Technologists

1. Public sector organizations having their own Service Rules shall separate Technical cadre posts of BPS-17 and above into two sub-service cadres, one for Engineers and one for Technologists, with clearly mapped posts i.e. identified and notified for each. Mapping would in principle ensure that R&D and design related posts of BPS17 are for Engineers, whereas installation, testing, execution, production and maintenance related posts shall be for Technologists.

2. A 16-year Bachelors or equivalent degree holder in Technology shall be eligible for induction in BPS17.

3. BPS-17 posts are filled 80% by direct induction, with 20% quota for promotion from BPS 16, while BPS-18 posts and above shall be 100 % by promotion.

4. Normally Government rules given below in the table for promotion to BPS-18 and above shall be followed. If, however, special rules exist in some organizations, these shall be duly modified to accommodate Technologists.

Promotion from:	Eligibility Requirements
BPS-17 to BPS-18	- Minimum 5 years in BPS-17 - Seniority-cum-fitness
BPS-18 to BPS-19	- Minimum 12 years in BPS – 17 and above, or 07 years if first appointment is in BPS – 18 - BPS – 19 is a selection post and fitness will be on merit basis. - Mid-Career Management Course (MCMC) will be essential.
BPS-19 to BPS-20	- Minimum 17 years in BPS -17 and above or 12 years if first appointment is in BPS -18 or 05 years if first appointment is in BPS-19 - It is a selection post and fitness will be on merit basis. - Qualified Course from National Institute of Management (NMC)
BPS-20 to BPS 21	- Minimum 22 years in BPS -17 and above or 17 years if first appointment is in BPS-18 or 12 years if first appointment is in BPS -19 or 05 years if first appointment is in BPS-20. - It is selection post and fitness will be on merit basis. - Qualified NMC/NDU Course.
BPS-21 to BPS-22	- 25 years in BPS-17 or above, which is accordingly reducible for first lowest appointment in higher grades, with 02 years in BPS-21 - Selection is on merit basis

7. After detailed discussion committee approved the first draft of the Ministry. Senator Engr. Rukhsana Zuberi said that technologists should also be given foreign scholarships. She suggested that in order to formulate final service structure for technologist, assistance may be sought from the Technical Arms/Technologists of Pakistan Army. She directed that after settling the most important issue under discussion, a final report should be submitted to the committee within two months which should include complete and comprehensive service structure of technologist.

Faiqa Abdulhaye
(Faiqa Abdulhaye)
Secretary Committee

(SENATOR Dr. RAHILA MAGSI)
Chairperson Committee