

**Minutes of the 36<sup>th</sup> Meeting of General Council of  
National Computing Education Accreditation Council, HEC, Islamabad**

The 36<sup>th</sup> meeting of General Council of National Computing Education Accreditation Council (NCEAC) was held on Friday, 13<sup>th</sup> March 2020 at 11 am in LI video conference Hall, HEC, H-8/1, Islamabad.

The following attended:

1. Dr Ayub Alvi, Chairman NCEAC
2. Dr Shoab A Khan, Vice Chairman, NCEAC
3. Dr Jamil Ahmad, Vice Chancellor, Hazara University, Mansehra
4. Dr Muhammad Ali Maud, Professor, UET, Lahore
5. Dr Manzoor Ilahi Tamimy, Associate Professor, CIIT, Islamabad
6. Dr Muhammad Jamil Sawar, Director, MTBC, Rawalpindi
7. Dr Zartash Afzal Uzmi, Confiz Solution, Lahore
8. Dr Nadia Tahir, Advisor, QAA, HEC
9. Ms Humaira Quddus, DD QAA, HEC
10. Mr Muhammad Taimur Khan, Joint Secretary, Ministry of IT & Telecom. Islamabad
11. Mr Fahad Saeed Warsi, VC Engr., Information Science & Tech. Dept. Sindh
12. Mr Raza Ahmad Sukhera, PM (IT), Ministry of Info. Technology, Islamabad

The following could not attend:

1. Dr Sayeed Ghani, Associate Executive Director, IBA, Karachi
2. Dr Faisal Ahmad Khan Kakar, Pro-Vice Chancellor, BUIITEMS, Quetta
3. Secretary, Ministry of Science & Technology, Islamabad
4. Secretary, Information Technology Department, Quetta
5. Chairman, Punjab IT Board, Lahore
6. MD, Pakistan Software Export Board, Islamabad
7. Secretary, Ministry of Education, Gilgit Baltistan
8. Director IT, Govt. of Khyber Pakhtunkhwa
9. President, PASHA, Karachi

Chairperson NCEAC welcomed and thanked members for attending this meeting.

**Agenda Item no. 1 Approval of Minutes of the 35<sup>th</sup> NCEAC General Council Meeting**

Members of the NCEAC General Council have recommended following two changes in the minutes of the 35<sup>th</sup> NCEAC General Council Meeting of NCEAC held on January 31, 2019 in HEC:

Item # 10(iii): Separate programs may be headed by separate HoD.

Item # 10(v): Ministry of Information Technology, Islamabad may support National Computing Education Accreditation Council (NCEAC) to train its Program Evaluators in accordance with Seoul Accord requirements.

**Agenda Item no. 2 Approval of Minutes of the 31<sup>st</sup> Meeting of Accreditation and Standards Committee (ASC) of NCEAC**

Minutes of the 31<sup>st</sup> meeting of the Accreditation and Standards Committee (ASC) of NCEAC were placed before the General Council. The ASC had met earlier on the same day (March 13, 2020). From the last NCEAC General Council meeting, thirteen computing programs had been evaluated by Program Evaluators of NCEAC. Their evaluation reports were based on their findings about their infrastructure and support to conduct degree program(s) in computing.

*General Council have approved the minutes of 31st Accreditation and Standards Committee meeting held on Friday March 13, 2020.*

*Decision of the General Council on each of these programs is stated in **Annexure-A**. The General Council further decided to put a limit on the number of students admitted in each one of these programs.*

**Agenda Item no. 3 Admission of Pre-Medical Students in Computing Programs**

After considering the options presented before the NCEAC General Council the following was decided:

*“Allow admission to students of Intermediate (Pre-Medical) in all Bachelor computing programs (CS, SE, IT, AI, DS, CySec). All such students must pass deficiency courses of Mathematics of 6 credit hours within one year.”*

**Agenda Item no. 4 Approval of Faculty Requirements for Computing Programs**

The Council discussed this matter in detail, as it is interpreted differently by universities and NCEAC Program Evaluators. To ensure uniform interpretation, the following is explained.

1. NCEAC requires seven faculty members to teach four batches (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year). Each batch can have a maximum of 50 students.
2. In case, the program is in its initial stages, then the faculty requirements will gradually increase. The following may be used as a guideline.
  - a. 1<sup>st</sup> year only Two faculty member
  - b. 1<sup>st</sup> and 2<sup>nd</sup> year only Four faculty members
  - c. 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year only Six faculty members
  - d. 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year Seven faculty members

3. The seven faculty members may be counted in one of the following two manners:

Option-1 (Counting Computing Faculty Members only)

Qualification	Minimum Count
a) PhD	One
b) PhD/MS	Four
c) BS	Two

Option-2 (Counting Both Computing and Non-Computing Faculty Members)

Qualification	Minimum Count
a) PhD	One
b) PhD/MS	Six

A faculty member shall be counted (as ONE), provided he/she is teaching at least 2 courses in a semester, or 3 courses in a year.

A faculty member, who is teaching courses in a non-computing department(s), or a non-computing faculty member who is teaching less than two courses per semester in a Computing department shall be counted as 0.5.

It may also be noted that overloaded faculty members (teaching more than 3 courses in a semester or six courses in a year) shall be taken as a serious matter by NCEAC, and it may affect the number of batches for which accreditation is given by NCEAC.

It is further clarified that faculty course load is determined by counting all the courses taught in BS, MS and PhD programs, taught in computing or other departments. The count also includes courses taught in evening or weekend programs.

#### **Agenda Item no. 5 Discussion on the matter - University violating admission criteria**

NCEAC General Council decided the following:

*“NCEAC will not visit for accreditation to those institutes, who are violating the approved admission criteria mentioned in revised HEC computing curriculum 2017.*

#### **Agenda Item no. 6 Approval of New program Evaluators**

NCEAC General Council decided to form a committee to evaluate applications received for appointment as NCEAC Program Evaluators.

The matter of promoting qualifying Program Evaluators as Conveners shall also be taken up in the next meeting.

It was also decided to prepare an online form for receiving applications from faculty members.

#### **Agenda Item no. 7 Any new matters with the permission of Chairman NCEAC**

The Council acknowledged the services of Dr Mohammad Ayub Alvi. The text of the resolution is given below:

*HEC appointed Dr Mohammad Ayub Alvi as Chairperson of NCEAC on March 16, 2016 for a term of four years.*

*During his tenure (March 17, 2016 to March 16, 2020) Dr Ayub Alvi brought about many positive changes including Online Accreditation System, Registration System for Computing Professionals, increase in Council income, increase in NCEAC Secretariat staff, and country wide recognition of NCEAC.*

*The General Council of NCEAC appreciates the valuable and far-reaching initiatives undertaken under his leadership and guidance.*

*He motivated the universities to seek accreditation from NCEAC, with a view to improve quality of computing education in the country. Due to efforts of his team and his constant guidance, NCEAC is now recognized at all relevant forums.*

*NCEAC will always remember his efforts for the betterment of computing education in Pakistan.*

The Chairman thanked and appreciated the encouragement and support provided by members of the General Council, and wished the Council to continue on its progressive trajectory.

The meeting ended with a vote of thanks.

March 16, 2020

**Zero Visits**

<b>University</b>	<b>Program</b>	<b>Proposed by Visiting Team</b>	<b>Approved by NCEAC General Council</b>	<b>Max Intake Allowed per Batch</b>
1. Ghulam Ishaq Khan Institute of Engineering Science & Technology, Swabi	BS (AI)	Zero Visit	Approved	Max 50 students/Yr (1 Section/Yr)
2. National University of Computer & Emerging Sciences-FAST, Chiniot-Faisalabad Campus	BS (SE)	Zero Visit	Approved	Max 100 students/Yr (2 Sections/Yr)

**Change of Scope Visit**

<b>University</b>	<b>Program</b>	<b>Approved by NCEAC General Council</b>
Lahore Garrison University, Lahore	BS (Comp. Sci)	Previous decision maintained. Change of scope or next Accreditation visit will be undertaken only after already communicated decision have been implemented.

## Accreditation Visits

Name of Institute	Program Name	AIC Recommendation	ASC Recommendation	Students/Yr & Sections/Yr
1. Gift University, Gujranwala	BS (CS)	Three Batches (W)	Fall 2015 Spring 2016 Fall 2016	Max 100 students/Yr (2 Sections/Yr)
2. Gift University, Gujranwala	BS (SE)	Three Batches (W)	Fall 2015 Spring 2016 Fall 2016	Max 100 students/Yr (2 Sections/Yr)
3. IQRA University Karachi, North Campus	BS (CS)	Two Batches (X)	Spring 2016 Fall 2016	Max 200 students/Yr (4 Sections/Yr)
4. National University of Computer & Emerging Sciences-FAST, Chiniot-Faisalabad Campus	BS (CS)		Graduated Batches will not be accredited.	
5. National University of Computer & Emerging Sciences-FAST, Peshawar Campus	BS (CS)	Two Batches (X)	Fall 2015 Fall 2016	Max 100 students/Yr (2 Sections/Yr)
6. Sharif college of engineering, Raiwind	BS (CS)	One Batch (Y)	Fall 2016	Max 50 students/Yr (1 Section/Yr)
7. Sir Syed University of Engineering & Technology, Karachi	BS (SE)	One Batch (Y)	Spring 2014	Max 200 students/Yr (4 Sections/Yr)
8. University of Azad Jammu and Kashmir, Muzaffarabad	BS (CS)	One Batch (Y)	Fall 2015	Max 100 students/Yr (2 Sections/Yr)
9. University of Lahore, Islamabad Campus	BS (CS)	Two Batches (X)	Spring 2016 Fall 2016	No further admission take place until Punjab Higher Education Commission allows new admissions
10. University of Lahore, Islamabad Campus	BS (SE)	Two Batches (X)	Spring 2016 Fall 2016	No further admission take place until Punjab Higher Education Commission allows new admissions