



Higher Education Commission
National Computing Education Accreditation Council
(NCEAC)



Tuesday, January 31, 2023

Notification

The National Computing Education Accreditation Council (NCEAC) had approved the new faculty requirements for computing degree program (attached as annexure-A) in its 42nd General Council meeting held on 28-Dec-2022 in Mural Hall, HEC, Islamabad.

The newly approved faculty requirements will be implemented from the date of approval which is 28-Dec-2022. Accreditations of the previous batches will be judged on the requirements of that time.

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Annexure-A

AMENDED POLICY

3.2.7 Criterion 7– Faculty

Faculty requirements is the focus of the accreditation process.

As a general guideline, a faculty member is considered to be relevant to the computing program under accreditation if:

1. *his/ her 16 years qualification is in a computing discipline, Or*
2. *his/ her terminal degree is in a computing discipline, Or*
3. *his/ her terminal degree is in relevant sciences or engineering and has academic or professional computing experience.*

3.2.7.1 Faculty Classification

a. Dedicated/Fulltime

A faculty member is classified as dedicated/ full-time if he / she has been hired as a regular / full-time faculty member for the computing program and carries at least the minimum teaching load in it.

b. Shared

A faculty member is classified as Shared if he/ she is employed full time by the HEI in a program other than the computing program or is employed in the computing program but does not carry the minimum teaching load in it.

c. Visiting

Teachers, who are not employed by the university on full-time basis but are invited from the industry to teach courses in the program under accreditation, are classified as visiting faculty members.

3.2.7.2 Faculty Requirements

Detail about the faculty requirements is given below:

- a. *NCEAC requires at least seven dedicated full-time core computing faculty members excluding shared faculty members including at most two full time Demonstrators/ Teaching Fellows/ Teaching Assistants / Junior Lecturers to teach four batches (1st, 2nd, 3rd and 4th year) with each having a maximum of 50 students.*
- b. *Full-time core computing faculty members must include at least one with a PhD degree and the remaining (excluding demonstrators) must have 18 years or equivalent degree. The Demonstrators/ Teaching Fellows/ Teaching Assistants/ Junior Lectures must have at least 16 years of education.*
- c. *For a brand-new program under a newly established department, there must be at least three full-time core computing faculty members (excluding demonstrators) at the time of zero visit, including at least one with a PhD degree. Already established computing programs offered by one or more departments will apply for a Change of Scope visit in case they plan to induct additional students under a program with a new nomenclature. The new program will not admit more than 50 students in its first batch.*



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- d. *For a new program in an existing department that already offers some computing program(s), the following may be used as a guideline for hiring full-time core computing faculty for a batch of 50 students.*
- *1st year only: Minimum three faculty members*
 - *1st and 2nd year only: Minimum four faculty members*
 - *1st, 2nd and 3rd year only: Minimum six faculty members*
 - *1st, 2nd, 3rd and 4th year: Minimum seven faculty member*
- e. *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.*
- f. *Any member of visiting faculty shall be counted as 0.25 equivalent to full-time faculty member. Maximum permissible cumulative visiting faculty credit is equivalent to one full time faculty member.*
- g. *A computing practitioner with 16-year computing degree and minimum 3-years industry experience from a recognized/registered industry may be hired as a visiting faculty.*

3.2.7.3 Maximum Load of Faculty

Maximum of 9 credit hours of course load per semester.

3.2.7.4 Minimum Faculty Load

Minimum 9 credit hours of course load per year is required for Full Time Faculty. However, minimum 6 credit hours of course load is required from faculty members serving in administrative posts like VC/ Rector/Dean/ Chairpersons/ Directors

3.2.8 Criterion 8– Infrastructure and facilities

Library

- Minimum of 4 computing related books per student should be available.
- At least *photocopies* of 5 IEEE/ACM transactions/proceedings should be available in hard copy.
- At least 10 technical Magazines should be available in hard copy.