National Computing Education Accreditation Council
Minutes of 23rd Meeting of NCEAC

The 23rd Meeting of NCEAC (National Computing Education Accreditation Council) was held on Monday, 25th April 2016 in Mural Hall, HEC, H-9, Islamabad.

The following attended:

1. Dr M. Ayub Alvi, Chairperson, NCEAC
2. Dr Muhammad Ali Maud, Chairman CS & E Department, UET, Lahore
3. Dr M. Abid Khan, Dept. of CS, University of Peshawar
4. Dr S. M. Aqil Burney, College of CS & IS, IoBM, Karachi
5. Dr Faisal Ahmad Khan Kakar, Dean, Faculty of Sciences, BUITEMS, Quetta
6. Dr Arshad Ali Shahid, HoD CS Dept., FAST-NU, Islamabad
7. Dr Farhana Jabeen, Asst. Prof. CIIT Islamabad
8. Dr Rafiq Baloch, DG, QAA, HEC
9. Mr Abdul Haleem Asghar, JEA, MOST, Islamabad
10. Mr Khurram Mahmood, Sr. Manager, MOIT, Islamabad
11. Mr Athar Hussain Baloch, Dy. Dir., IST Dept., Govt. of Sindh, Karachi
12. Mr Sultan Mahmood, IT Dept., Govt. of Balochistan, Quetta
13. Mr Aslam Lashari, Director, National IT Board, Islamabad
14. Mr Zahid Nawaz, Directorate of IT, Peshawar, KPK

The following could not attend:

1. Dr S. Mansoor Sarwar, Principal PUCIT, Lahore
2. Dr Zartash Afzal Uzmi, Confiz Solution, Lahore
3. Dr S.M. Zia Uddin, Streaming Networks, Islamabad
4. Punjab IT Board, Lahore
5. Managing Director, PSEB, Islamabad
6. President PASHA, Karachi
7. Director General, IT Board, AJK

The meeting started with recitation of verses from Holy Koran by Dr Aqil Burney.

Chairperson said that it has been one month since he assumed this new additional responsibility. He informed that Computing Council had two full-time employees (Mr Muhammad Jawad, Coordinator and Ms Sumaira Hafeez, Office Secretary. He placed on record his appreciation for their dedication and responsible conduct of Council affairs, prior to the appointment of new Chairperson.

The members welcomed the new Chairperson of NCEAC, and assured him full support in furthering the objectives of the Council. The Chairperson thanked the members for their best wishes and support.

Agenda Item no. 1   Acknowledgement of services of ex-chairman

The Council acknowledged the services of its ex-chairman Dr. Aftab Ahmed. The text of the resolution is given below:

National Computing Education Accreditation Council (NCEAC) was established by Higher Education Commission (HEC) in 2005. Dr Aftab Ahmad was appointed by HEC as its first Chairperson for a term of four years. His appointment was extended for another term of four years in 2009 and then again in 2013. Although his term had not expired, but due to his health problems, he resigned from this position on 13th October 2015.

NCEAC was the first such council established by the HEC. Hence there was no role model which could be followed. Everything had to be conceived and developed from scratch. Dr Aftab and his colleagues in the NCEAC worked tirelessly to come up with a working model, which is not only being followed to date, but was also a role model for other councils, which were established afterwards by the HEC.

The Council would like to record its appreciation for the valuable and unforgettable services rendered by Dr Aftab Ahmad, the former Chairperson of NCEAC.

Dr. Aftab Ahmad 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 has so far accredited 214 computing programs, while 16 more are in the pipeline.

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

Agenda Item no. 2   Approval of Minutes of the 22nd Meeting

There was no observation and **minutes of the 22nd Meeting of NCEAC were approved**.

Agenda Item no. 3   Implementation status of the decision of the 22nd NCEAC

Implementation status of the decisions of the 22nd meeting of NCEAC was discussed and the following observations/decisions were made:

Agenda Item	Decision in 22nd meeting	Observation/ Decision in 23rd meeting
8. Organization of National /International workshop for program evaluators	Workshop of program Evaluators is to be organized at Islamabad by the HEC in collaboration with NCEAC at a convenient date to be decided by the chairman	Date could not be decided as the Council was without a chairperson for the last many months. Hence the same would be done soon.
9. Accreditation of AIOU Programs (Distance leading based Computing programs)- A presentation by HoD(CS), AIOU	On the basis of the request of Allama Iqbal Open University the matter was postponed until next council meeting.	It was agreed that distance learning programs should be accredited. It was suggested to adopt a different model for such programs. Accreditation process of similar programs will be studied for guidance.

		10. Organization of Regional Meetings	QAA, HEC is requested to organize Regional Meetings	Awareness meeting with Deans /Heads of Computing programs should be held.

Agenda Item no. 4   NECAC Progress report (2007-2016)

Latest information about accreditation of computing programs offered by universities was presented. The members appreciated the progress of the council, even with resource constraints.

Agenda Item no. 5   Accreditation/Re-accreditation

A report of the 27 programs that were inspected after the previous (22nd) meeting of the Council was presented along with the recommendations of the 18th meeting of ASC (Accreditation and Standards Committee), which was held earlier on the same day. **The recommendations of the ASC were approved**:

List of these programs is given below:

	Program(s)	University	Admission Year	Category
1.	BS (Computer Science)	Bahria University, Karachi Campus	2012 & 2013	X
2.	BS (Bioinformatics)	Baqai Medical University, Karachi	2012	Y
3.	BS (Software Engineering)	Beaconhouse National Univ., Lahore	2012	Y
4.	BS (Computer Science)	COMSATS, Abbottabad	2012, 2013 & 2014	W
5.	BS (Computer Science)	COMSATS, Attock	2012 & 2013	X
6.	BS (Computer Science)	DHA Suffa University, Karachi	2012 & 2013	X
7.	BS (Computer Science)	NUCES-FAST, Karachi	2012, 2013 & 2014	W
8.	BS (Computer Science)	HITEC University, Taxila	2012, 2013 & 2014	W
9.	BS (Computer Science)	Indus University, Karachi	2012	Y
10.	BS (Computer Science)	Institute of Bus. & Management, Karachi	2012 & 2013	X
11.	BS (Computer Science)	Institute of Business & Tech., Karachi	2012	Y
12.	BS (Software Engineering)	Institute of Business & Tech., Karachi	2012	Y
13.	BS (Software Engineering)	NUML, Islamabad	2012 & 2013	X
14.	BS (Computer Science)	NUML, Islamabad	2012 & 2013	X
15.	BS (Computer Science)	Preston University, Islamabad	2012 & 2013	X
16.	BS (Bioinformatics)	SBB Women University, Peshawar	2012 & 2013	X
17.	BS (Computer Science)	Sindh M. Islam University, Karachi	2012 & 2013	X
18.	BS (Computer Science)	The Women University, Multan	2012 & 2013	X
19.	BS (Info. Technology)	The Women University, Multan	2012	Y
20.	BS (Computer Science)	University of AJ&K, Muzaffarabad	2012 & 2013	X
21.	BS (Software Engineering)	University of AJ&K, Muzaffarabad	2012 & 2013	X
22.	BS (Computer Science)	Abasyn University, Peshawar Campus	2012 & 2013	X
23.	BS (Software Engineering)	Abasyn University, Peshawar Campus	2012 & 2013	X
24.	BS (Computer Science)	ISRA University, Hyderabad	2012 & 2013	X
25.	BS (Software Engineering)	ISRA University, Hyderabad	2012 & 2013	X
26.	BS (Computer Science)	Usman Institute of Technology, Karachi	2012, 2013 & 2014	W
27.	BS (Computer Science)	SZABIST, Hyderabad Campus	2011	Y

Agenda Item no. 6   Registration of IT Professionals

The Council noted that this matter has been pending for quite some time with little or no progress. After appointment of a new Chairperson of the Council, **it was decided to re-constitute the committee with the following members**:

1. **Dr Arshad Ali Shahid**
2. **Dr Mansoor Sarwar**
3. **Dr M. Ayub Alvi**

The committee shall present its progress in the next meeting of the Council. Following were proposed regarding registration of IT students and professionals:

1. If required, a working paper should be prepared and submitted to HEC for approval.
2. Propose an appropriate name for this body (e.g. Computing Professionals body)
3. Each University requesting accreditation of its computing program shall be required to submit list of **ALL** students registered in that program (Student Name, Father Name, CNIC number, batch, semester, and program of study). Thus a database of all students registered in computing degree programs shall be developed.
4. Similarly, each University shall be asked to provide information about the faculty involved in teaching computing related courses (Name of Faculty, Father's Name, CNIC number, etc.). This should help create database of all computing faculty.
5. All students enrolled in an accredited program shall be registered as Student Members of Computing Professionals Body
6. Graduates of Accredited programs shall be admitted as Members of the Computing Professionals Body.
7. A scheme should be proposed to induct current computing professionals to become members of this body.
8. Propose categories of memberships, and specify criteria for becoming member in each category

Agenda Item no. 7   Software to manage Accreditation and Evaluation of Programs

Members agreed that software should be developed in-house for managing accreditation and evaluation of computing programs. It should be generic so that it could also be useful for other Councils. **This may be started by hiring one computing professional, who can prepare software requirements and also take care of the website of NCEAC**.

Agenda Item no. 8   Renaming of Program from BS (IT) to BS (CS) by KICSIT

The council did not approve change of name of the already visited BS (IT) program of KICSIT, because the program evaluation was conducted on the basis of it being BS (Information Technology) program and not as BS (Computer Science) Program.

Agenda Item no. 9   Purchasing of Accounting Software

Purchasing of accounting software for use by the Council secretariat was approved; at minimum available cost/price.

Agenda Item no. 10   Approval of new Program Evaluators

The following committee was constituted to approve additional Program Evaluators:

1. Dr. M. Ayub Alvi, Chairperson, NCEAC
2. Dr. Arshad Ali Shahid, FAST-NU, Islamabad
3. Dr. Naveed Ikram, RIU, Islamabad

The Council suggested the following process/criteria guideline:

a) An application form should be developed, to be filled by each candidate. The filled form should be submitted to NCEAC along with a brief CV.
b) Opinion of existing Program Evaluators working in the same city may be obtained to assess applicant's reputation as a computing professional
c) Minimum Qualifications must be a PhD degree in relevant field
d) At least five years post-PhD experience, and at least three years teaching experience.