ACADEMIC YEAR 2017-18

Analysis on Feedback from Alumni : Action Taken Report

Date: 31.08.18

A. Feedback received from alumni viz. during annual convocation and meetings of statutory bodies such as Board of studies and School level advisory committee (December 2017 & June – July 2018) were analysed and following points were recommended for action taken:

- o A1 : Revision in Curriculum & syllabi based on industry needs.
- o A2 : Offering additional electives in different specialization
- o A3 : Bolstering courses with entrepreneurial focus
- o A4 : Encouraging students to pursue MOOC courses
- o A5: Offering value added certificate courses focussing on employability.
- o A6 : Job oriented training in software in laboratories.
- o A7 : Introduction of variety of professional electives / general elective courses in the curriculum

B. A1 was considered as agenda item 11.7.1 & 11.8.1 of 11th Meeting of Academic Council held on 18.01.2018 (Page no. 14 & 15 of Minutes of meeting).

C. A2 was considered as agenda item 11.11.3 & 11.12.2 of 11th Meeting of Academic Council held on 18.01.2018 (Page no. 20,21 & 22 of Minutes of meeting).

D. A3 was considered as agenda item 12.2.6 of 12th Meeting of Academic Council held on 29.08.18 (Page no. 10 & 11 of Minutes of meeting).

E. A4 was considered as agenda item 12.2.9 of 12th Meeting of Academic Council held on 29.08.18 (Page no. 13 & 14 of Minutes of meeting).

F. A7 was considered as agenda item 12.7.1 of 12th Meeting of Academic Council held on 29.08.18 (Page no. 21 & 22 of Minutes of meeting).

G. A6 was considered as agenda item 12.8.1 of 12th Meeting of Academic Council held on 29.08.18 (Page no. 23 of Minutes of meeting).

H. A5 was considered as agenda item 12.21.2 of 12th Meeting of Academic Council held on 29.08.18 (Page no. 40 of Minutes of meeting).

Annexure: **Highlighted pages of 11th & 12th Academic Council Meeting Minutes.**

Dean (AA) 31/08/18

Dean, Academic Affairs

Minutes of Eleventh Meeting
of the Academic Council (Senate)
B.S. Abdur Rahman Crescent Institute
of Science & Technology,
Venue: Seminar Hall- III, Convention Centre
January 18, 2018

Note on Agenda

The syllabi of eight Professional Elective courses offered by the Department of Information Technology for B.Tech. Electrical and Electronics Engineering were revised. These revisions were discussed in the Board of Studies of the department of Information Technology and the board has recommended the same for approval.

The revised syllabi of Professional Elective courses offered to B.Tech. Electrical and Electronics Engineering are given in Annexure **11.6.2**.

The Academic Council may consider and approve the same.

Resolution :

After discussions the above item was approved.

DEPARTMENT OF COMPUTER APPLICATIONS

Item 11.7

To consider and approve the recommendations of the Board of Studies of the Department of Computer Applications.

Item 11.7.1

To consider and approve the revised curriculum and syllabi of B.C.A with specialization in Cloud Technology & Information Security (CTIS), Mobile Application and Information Security (MAIS) and Data Science and B.Sc. Computer Science.

Note on Agenda

As per the directions of UGC, the course Environmental Studies is made mandatory for all the programmes viz. BCA programme with specializations in Cloud Technology & Information Security, Mobile Application & Information Security and Data Science and B.Sc. Computer Science.

Same course code is provided for all common courses in BCA Programme with specializations in Cloud Technology & Information Security, Mobile Application &

Information Security and Data Science. The existing course codes in BCA with specialization Cloud Technology & Information Security are also revised.

To maintain uniformity among the specializations, the syllabi of all courses were revised with five modules. These revisions were discussed in the Board of Studies of the department of Computer Applications and the board has recommended the same for approval.

These revised curricula and syllabi are to be implemented from the Academic Year 2017-18 onwards.

The curricula and syllabi for the BCA Programme with specializations in CTIS, MAIS, Data Science and B.Sc. Computer Science are given in Annexure 11.7.1.(A), 11.7.1(B), 11.7.1.(C), 11.7.1(D)

The Academic Council may consider and approve the same.

Resolution :

After discussions the above item was approved.

<h2 style="color:red; text-align:center">SCHOOL OF ELECTRICAL AND COMMUNICATION SCIENCES</h2>

<h2 style="color:blue; text-align:center">DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING</h2>

Item 11.8

To consider and approve the recommendations of the Board of Studies of the Department of Electrical and Electronics Engineering.

Item 11.8.1

To consider and approve the revision of curriculum & syllabi of the B.Tech., Electrical and Electronics Engineering under Regulations 2017.

Note on Agenda

The curriculum and syllabi of B.Tech EEE, Regulations 2017 were formulated and approved in the 10th meeting of the Academic Council. Now the syllabi of III and IV semester of B.Tech. EEE were revised. In addition, the syllabi of the programme

The curriculum and the detailed syllabi of the third and fourth semesters are given in Annexure **11.11.1.**

The Academic Council may consider and approve the same.

Resolution :

The above item was approved.

Item 11.11.2

To consider and approve the inclusion of additional elective courses in M.Tech. Structural Engineering and Construction Engineering & Project Management, Regulations 2016.

Note on Agenda

To cater to the need of the industry, additional one credit elective courses were included in the curriculum of M. Tech. Structural Engineering and M. Tech. Construction Engineering and Project Management programme under Regulations 2016. These revisions were discussed in the Board of Studies of the Department of Civil Engineering and the board has recommended the same for approval.

These revisions are to be implemented from the Academic Year 2017-18 onwards.

The detailed syllabi of the one credit elective courses are given in Annexure **11.11.2.**

The Academic Council may consider and approve the same.

Resolution :

The above item was approved.

Item 11.11.3

To ratify the courses which were offered as electives in M.Tech. Construction Engineering and Project Management for Ph.D. scholars.

Note on Agenda

The following Ph.D. level courses were recommended by the Doctoral Committees of various research scholars of the Department of Civil Engineering:

CECY132 **–** Air Quality Modelling

CECY133 **–** RS and GIS for Environmental Engineering

The syllabi of the courses were discussed in the Board of Studies of the Department of Civil Engineering and the board has recommended the same for approval.

The syllabi for the above courses are given in Annexure **11.11.3**.

The Academic Council may consider and ratify the same.

Resolution :

The above item was approved.

Item 11.11.4

To consider and approve the syllabus of the course Environmental Studies for BCA Programme, Regulations 2016

The syllabus of Environmental Studies was formulated for the BCA and B.Sc. Programmes. After detailed discussions, the syllabus was recommended for approval by the Board of Studies of the department of Civil Engineering.

The syllabus for the above course is given in Annexure **11.11.4**.

The Academic Council may consider and approve the same.

Resolution :

The above item was approved.

<div align="center">

SCHOOL OF MECHANICAL SCIENCES

DEPARTMENT OF AEROSPACE ENGINEERING

</div>

Item 11.12

To consider and approve the recommendation of Board of Studies of the Department of Aerospace Engineering.

Item 11.12.1

To consider and approve the revised syllabi of B.Tech. Aeronautical Engineering under Regulations 2017.

Note on Agenda

The curriculum and syllabi of B.Tech. Aeronautical Engineering, Regulations 2017 were formulated and approved in the 10th meeting of the Academic Council. Now the syllabi of III and IV semesters of B.Tech. Aeronautical Engineering were revised and discussed in the Board of Studies of the Department of Aerospace Engineering. The board has recommended the same for approval.

These revisions are to be implemented from the Academic Year 2017-18 onwards.

The curriculum and the detailed syllabi of the third and fourth semesters are given in Annexure **11.12.1**.

The Academic Council may consider and approve the same.

Resolution :

The above item was approved.

Item 11.12.2

To consider and approve the inclusion of electives in the B.Tech. Aeronautical Engineering under Regulations 2013.

Elective Courses like Design of UAV/MAV Systems, Flow Diagnostics, Grid Generation, Structural Analysis Tools (NASTRAN and PATRAN), Hyper mesh, Mathematical Modeling & Simulation (MATLAB) are included in the Regulations 2013. These revisions were discussed in the Board of Studies of the Department of Aerospace Engineering and the board has recommended the same for approval.

These revisions will be implemented from the Academic Year 2017-18 onwards.

B.S. Abdur Rahman

Crescent

Institute of Science & Technology

Deemed to be University u/s 3 of the UGC Act, 1956

Minutes of the Twelfth Meeting of the Academic Council (Senate)
B.S. Abdur Rahman Crescent Institute of Science & Technology,
Venue: Seminar Hall- III, Convention Centre

August 29, 2018

period of seven years, which ended by July 2018. He has one redo course and 9 arrear papers. To facilitate him to clear the pending ten papers, an extension of one year of study is recommended based on his request.

The student M. Sheik Sultan (RRN: 110041101047) was admitted in the year 2011 and he should have completed the programme within a maximum period of seven years, which ended by July 2018. He has 27 arrear papers. To facilitate him to clear the pending 27 papers, an extension of one year of study is recommended based on his request.

The student S.Thariq Aziz Khan (RRN: 110041101050) was admitted in the year 2011 and he should have completed the program within a maximum period of seven years, which ended by July 2018. He has 3 arrear papers. To facilitate him to clear the pending 3 papers, an extension of one year of study is recommended based on his request.

The Academic Council may consider and approve the above item.

Discussion:

Prof C. Thangamuthu expressed that Vice Chancellor has the power to give approvals for extension of study and need not be brought in to academic council. This was endorsed by other members.

Resolution:

Vice Chancellor shall approve the request of extension of study by students based on recommendation from Dean, Academic Affairs

Item 12.2.6

To consider and ratify the changes in syllabus of the course "Social Entrepreneurship" in the B.Tech. Regulations 2013 & 2017 for implementation from the academic year 2018-19.

Note on Agenda

The courses "Social Entrepreneurship" and "Leadership and CEO Training" was introduced in the curriculum of B.Tech. Regulations 2013 & 2017 from the academic year 2017-18.

As a part of strengthening entrepreneurial activities, BSACIST has signed an MOU with Wadhwani Foundation (WF-NEN) during June 2018. It was also decided to offer the course "Social Entrepreneurship" by following the syllabus of Wadhwani Foundation from the academic year 2018-19.

Accordingly seven faculty members were offered specialized training by Wadhwani Foundation for a period of 2 weeks at Bangalore during May – June 2018. The modified syllabus of Social Entrepreneurship course was deliberated in the BOS of Department of Management Studies and obtained their endorsement.

The revised syllabus of the course is given as **Annexure 12.2.6**

The Academic Council may consider and ratify the same.

Discussion:

Expert members appreciated the efforts by the Institution in promoting Entrepreneurship culture among the students. Mr. B. Suresh suggested to introduce a module on Family Business in the Entrepreneurial courses. It can also be added as an elective course in future.

Resolution:

After detailed discussion the above item was ratified.

Item 12.2.7

To consider and approve the inclusion of new elective course "Advanced Social Entrepreneurship" in the B.Tech. Regulations 2013 & 2017 for implementation from the academic year 2018-19.

Note on Agenda

All the expert members appreciated the creation of CIIC for the benefit of students and faculty members. Mr. B. Suresh suggested that the faculty members who have completed their Ph.D. can be encouraged to incubate their ideas into process/products so as to emulate as start-ups. The CEO of CIIC was recommended to refer to the working model of other premier institutions such as IIT Bombay, IIT Madras, Cambridge and Stanford University in this regard.

Resolution:

After detailed discussion the above item was ratified.

Item 12.2.9

To consider and ratify the completion of online MOOC courses by students and subsequent credit transfer in the even semester 2017-18.

Note on Agenda

The Institution encourages students and faculty members to pursue MOOC courses viz SWAYAM, NPTEL etc. The B.Tech. R 2013 & 2017, M.Tech. MCA, M.Sc. R 2016 also facilitates the students to undergo online courses up to six credits and subsequent credit transfer.

In the even semester 2017-18, 146 students successfully completed 66 online courses. The following are the details of the students who have requested for credit transfer in the even semester 2017-18:

Sl. No.	Branch	RRN	Name of the Student	Course Completed through NPTEL	Grade
1	ECE	170843707001	Md.Wajid Khan (Research scholar)	Biomedical Signal Processing	C
2	Mech.	140021601125	Mohammed Affan. A.R.	Total Quality Management – 1	S
3	Mech.	140021601232	Ziegen Baig	Total Quality Management – 1	C
4	Mech.	140021601196	Sheik Mohammed Zubair	Total Quality Management – 1	S
5	CSE	140071601050	Nivedha. L	cloud computing	A
				Distributed systems	A

These contents of the courses and the grades awarded were also deliberated and endorsed in the respective Board of studies of the departments/Schools.

The Academic Council may consider and ratify the item.

Discussion:

Prof.C.Thangamuthu suggested that students shall be made available the details of online courses which are relevant to the courses offered in the particular semester. This will encourage the students to register for more MOOC courses and subsequently lead to increased number of students applying for transfer of credits.

Resolution:

After detailed discussion the above item was ratified.

Item 12.2.10

To consider and approve the fee for extension of maximum period of study.

Note on Agenda

Every year certain number of students request for extension of maximum period of study of the programme**.** These applications are considered and processed based on the genuineness and the feasibility of the students to complete the programme. The requests from students are approved through Academic Council.

At present these requests were processed without any fees. To create more awareness and seriousness among the students, it is proposed to charge a nominal amount of Rs.10,000/- as study extension fees.

The Academic Council may consider and approve the item.

Resolution:

After deliberations, the committee approved the above item and the amount of fees to be collected shall also be discussed in other statutory bodies for further endorsement.

Resolution:

After discussion the above item was noted.

<div align="center">**ITEMS MOVED BY DIRECTOR, HR**</div>

Item 12.6.1

To consider and ratify the appointment of teaching and non-teaching faculty with various qualification during January – August 2018.

Note on Agenda

To maintain the staff-student ratio in various programmes offered by different departments / schools, and also to fill the vacancies created due to resignation of faculty members necessitates appointment of new teaching and non teaching faculty.

The list of faculty appointed during January - August 2018 is given in **Annexure 12.6.1.**

The Academic Council may consider and ratify the same.

Resolution:

After discussion the above item was ratified.

<div align="center">**Items moved by Chairman, Board of studies**</div>

<div align="center">**SCHOOL OF COMPUTER, INFORMATION AND MATHEMATICAL SCIENCES**</div>

<div align="center">**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**</div>

Item 12.7

To consider and approve the recommendations of the Board of Studies of the Department of Computer Science and Engineering.

Item 12.7.1

To consider and approve the inclusion of new elective courses in B.Tech. (Computer Science & Engineering) R 2013 and M.Tech. (Computer Science and Engineering) R 2016.

Note on Agenda

The growing technology and change in the trends in IT field necessitates inclusion of new elective courses in the curriculum and syllabi of B.Tech. Computer Science & Engineering R 2013; and M.Tech. Computer Science and Engineering R 2016. The following elective courses are deliberated in the BOS of department of Computer Science and Engineering and the board has recommended the same for approval.

B.Tech (Computer Science & Engineering)

- CSBX15 - Internet of Things
- CSBX51 - Network security and cryptography
- CSBX52 - Python programming

M.Tech (Computer Science and Engineering)

- CSCY112 - Software Design and Architecture

These revisions are to be implemented from the Academic Year 2018-19 onwards.

The detailed syllabus is given in **Annexure 12.7.1.**

The Academic Council may consider and approve the same.

Resolution:

After detailed discussion, the above item was approved.

DEPARTMENT OF INFORMATION TECHNOLOGY

Item 12.8

To consider and approve the recommendations of the Board of Studies of the Department of Information Technology.

Item 12.8.1

To consider and approve the inclusion of Elective courses in B.Tech. Information Technology under Regulations 2013.

Note on Agenda

The syllabi of elective courses of VI, VII, VIII semesters were revised and new elective courses were added considering the latest technologies in the industry. These revisions were discussed in the Board of Studies of the Department of Information Technology and the board has recommended the same for approval.

These revisions are to be implemented from the Academic Year 2018-19 onwards.

The curriculum and the detailed syllabi are given in **Annexure 12.8.1.**

The Academic Council may consider and approve the same.

Resolution:

After deliberation the above item was approved.

Item 12.8.2

To consider and approve the revision of curriculum and syllabi of B.Tech Information Technology under Regulations 2017.

Note on Agenda

The course 'ITC2105 Fundamentals of Digital Signal Processing' was removed from the third semester and a three credit course 'Signals and Systems' was introduced in the fourth semester. Also the fourth semester course 'ITC2211 Unix and Shell Programming' was merged with 'ITC2213 Operating System'.

Further the syllabi of V to VII semesters of B.Tech. Information Technology were thoroughly revised. The elective course ITCX102 Oracle Database Programming was added in the V semester and ITCX120 Mongo DB for Java Developers was added in VII semester.

Item 12.21.1

To consider and approve the revised curriculum and syllabi of B.A. Islamic Studies (Arabic Medium and English medium) under Regulations 2018.

Note on Agenda:

The curriculum and syllabi were revised thoroughly with an addition of eight elective courses. The syllabi of first and second semesters were already approved in the 10th meeting of the Academic Council. The syllabi of elective courses were discussed in the Board of Studies of the School of Islamic Studies and the board has recommended the approval.

These revisions are to be implemented from the Academic Year 2018-19 onwards.

The revised syllabi of elective courses of B.A. Islamic Studies (English and Arabic medium) are given in **Annexure 12.21.1.A, Annexure 12.21.1.B**

The Academic Council may consider and approve the same.

Resolution:

After deliberations the above item was approved.

Item 12.21.2

To consider and approve the syllabi of two value-added courses.

Note on Agenda:

The syllabi of the value-added courses 'Arabic Typing in Computer and Arabic Composition', 'Communication and Presentation Skills' were discussed in the Board of Studies of the School of Islamic Studies and the board has recommended the approval.

These revisions are to be implemented from the Academic Year 2018-19 onwards.

The syllabi of the courses are given in Annexure **12.21.2.**