

**ACADEMIC YEAR: 2018 - 19**


## **Analysis on Students Feedback: Action Taken Report**

**Date : 20.09.19**

- I. Feedback are received from students viz. Exit feedback survey from the 2018-19 passing out students which were collected during April - May 2018, Online feedback received in a structured format in the Institution website and Level II feedback obtained from students (about the course) during November 2018 & April 2019.
- II. The exit feedback analysis clearly indicates that more than 90% of students are very much satisfied with attainment of programme outcomes, flexibility on curriculum, teaching-learning process, provision for self study, coverage of cutting edge technology courses, courses emphasizing on skill development, design & problem solving skills, teaching infrastructure, library facilities, Internet facilities etc. offered by the Institution. Therefore does not warrant any action taken measures.
- III. Online student feedback analysis revealed that more than 70% of the students satisfied with attainment of programme outcomes, course outcomes, quality of teaching learning process, laboratory facilities, industrial visits / field trips, students support mechanism etc. offered by the Institution. This statistics also shows that there is no need for further action.
- IV. The salient suggestions / modifications / views by students which are shortlisted for further action taken are:
  - ❖ S1 : Offering programmes emphasizing on entrepreneurship
  - ❖ S2 : Opportunity to study more MOOC courses and facilitate the same in regulations.
  - ❖ S3 : There is a suggestion / request for change in curriculum and syllabi of courses across all the departments.
  - ❖ S4 : Offering more skill based software courses in cutting edge areas

- ❖ S5 : Compulsory internship, value added course, lab-oriented courses for PG students.
- V. The point S1 was considered through agenda item 13.2.1 of Thirteenth meeting of Academic Council which was held on 06.03.2019.  
(Page no. 14 of Minutes of 13th Academic Council meeting)
- VI. The point S2 was ensured through agenda item 13.2.4 of Thirteenth meeting of Academic Council which was held on 06.03.2019.  
(Page No. 15 & 16 of Minutes of 13th Academic Council meeting)
- VII. The point S3 was considered through agenda item 13.2.6 of Thirteenth meeting of Academic Council which was held on 06.03.2019.  
(Page Nos. 18 & 19 of Minutes of 13th Academic Council meeting)
- VIII. The point S4 was considered through agenda item 13.17.1 of Thirteenth meeting of Academic Council (page no. 38 of minutes) which was held on 29.08. 2018 & agenda items 14.2.4 & 14.8.1 of Fourteenth meeting of Academic Council which was held on 17.09.19 (page nos. 15, 23 & 24 of 14th Academic Council minutes).
- IX. The point S5 was considered through agenda item 14.2.2 of Fourteenth meeting of Academic Council held on 17.09.19 (page no. 14 of minutes of meeting)

**Annexure: Highlighted pages of 13th and 14th Academic Council Meeting Minutes.**



20/09/19

**Dean, Academic Affairs**

**Annexure: 13<sup>th</sup> Academic Council Meeting**



**Minutes of Thirteenth Meeting of the  
Academic Council (Senate)  
B.S. Abdur Rahman Crescent Institute of  
Science & Technology  
held on March 6, 2019**

### **PG Programme**

- MBA (Innovation, Entrepreneurship & Venture Development)

### **PG Diploma Programme**

- Post Graduate Diploma in Management (PGDM) (2 years)

This was also deliberated in the IQAC meeting held on 29.01.2019 and also in the Planning & Monitoring Board meeting held on 02.02.19 and obtained its approval.

The Academic Council (Senate) may consider and approve the same.

### **Discussion:**

Prof. Thangamuthu suggested to offer programmes in cutting edge areas such as Artificial Intelligence, Nano Science etc.

Registrar mentioned that AICTE has given a model curriculum and Syllabi for the MBA (Innovation, Entrepreneurship & Venture Development) Programme and have identified BSACIST as one of the Institutions to offer this programme from the academic year 2019-20.

He also explained the salient features of the 2 year PGDM programme and mentioned that many courses in this programme will be handled by affiliate faculty members from academia / industry to enhance the employment prospects of students pursuing this programme.

### **Resolution:**

After detailed discussion the above item was approved.

### **Item 13.2.2**

### **To consider and ratify the M. Arch. (General) Regulations 2018**

### **Note on Agenda:**

The Regulations of M. Arch. was deliberated in the Board of Studies of Crescent School of Architecture and framed in the Academic year 2018 -19.

The Regulations of M. Arch. R2018 is given in Annexure 13.2.2.

The starting of M. Arch. (General) programme was informed in the 12<sup>th</sup> Academic Council and was approved.

The Academic Council (Senate) may consider and ratify the M. Arch. (General) Regulations 2018 with effect from academic year 2018-19.

**Resolution:**

After detailed discussion the above item was ratified.

**Item 13.2.3**

**To consider and approve the amendment to M. Arch. (General) Regulations 2018.**

**Note on Agenda**

- The clause 12.1 of M. Arch. (General) R 2018 is modified as shown in Annexure 13.2.3.

The Academic Council (Senate) may consider and approve the above mentioned amendments in M. Arch (General) Regulations 2018.

**Resolution:**

After detailed discussion the above item was approved.

**Item 13.2.4**

**To consider and approve the amendment to Clauses 18.2 of B.Tech. Regulations, 2017 & 18.3 of R2013; 13.6 of M.Tech./MCA/ M.Sc. R2016; 18.0 of MBA R2018 and 17.2 of B.Des. R2017.**

### **Note on Agenda**

The Institution encourages students and faculty members to pursue MOOC under SWAYAM and NPTEL. The Institute has already facilitated the students of B.Tech. R 2013 & 2017; M.Tech./MCA/ M.Sc. R 2016; MBA R2018 and B.Des. R2017 to undergo online courses up to six credits and subsequently apply for credit transfer. Now AICTE has permitted the students to earn up to 20% of the credits by study through SWAYAM, NPTEL online courses. This was deliberated in the IQAC meeting held on 29.01.19 and also in the HODs and Deans meeting.

Considering the significance of MOOC courses, it is suggested to increase the number of credits to 12 from the present 6 credits.

The amendment to Clause 18.2 of B.Tech. Regulations, R 2017 & Clause 18.3 of R2013; Clause 13.6 of M.Tech./ MCA/ M.Sc. R 2016; and Clause 18.0 of MBA Regulations R 2018 and 17.2 of B.Des. R2017 are given in Annexure 13.2.4.

The Academic Council (Senate) may consider and approve the item.

### **Resolution:**

After detailed deliberations the above item was approved.

### **Item 13.2.5**

**To consider and ratify the structure of feedback adopted for evaluation of teacher, course syllabus; and stakeholder's feedback on academic, administrative and infrastructure facilities**

### **Note on Agenda**

In every semester, feedback is taken from the students in two levels:

Level I- Feedback on course teacher

(15 -20 working days from the commencement of semester)

Level II A- Feedback on course teacher

(within 15 working days after the Continuous Assessment Test 1)

Dr. Khurram Mustafa mentioned that the integrity of students towards feedback measurement is questionable and suggested that feedback not to be considered for appraisal.

Dr. V. Jagadeesh Kumar suggested that students and faculty members can jointly develop a mobile app to collect feedback from students.

Prof. Thangamuthu emphasized the significance of exit feedback and alumni feedback; and subsequent action taken on the same.

Vice Chancellor informed the Director, Data Centre to develop an app for obtaining students feedback. He also informed the Dean, AA to present a progress report in this regard in the next academic council meeting.

**Resolution:**

After detailed deliberations the above item was ratified.

**Item 13.2.6**

**To consider and ratify the skill based value added courses on industry specific software and Robotics**

**Note on Agenda**

**IIT Bombay- Spoken Tutorial**

- Our institute has signed an MOU with IIT Bombay- Spoken Tutorial(ST).This program is about teaching and learning a particular FOSS (Free and Open Source Software) like Linux, Scilab, LaTeX, PHP & MySQL, Java, C/C++, LibreOffice etc. via an easy Video tool - Spoken Tutorials. This software has been developed by IIT Bombay in line with current industry needs.
- The Institute has registered for 14 courses namely C/C++, Java, Netbeans and Python, PHP & MySQL, Arduino, Oscad - now eSIM, Scilab, Linux-Ubuntu, LaTeX, Python, QCAD, LaTeX & Xfig, LibreOffice, Impress, Q-CAD,FRONT ACCOUNTING in the even semester 2018-19. Totally 1241 students have enrolled for various courses. The students pursue the courses by registering in the IIT Bombay (ST) portal under the monitoring of course coordinator and Institute Faculty Organizer. After successful completion of the course, the institute facilitate issue of certificate by IIT Bombay (ST).

## **Robotics Lab**

- Exclusive Robotics Lab is being established in the Institute premises. The following skill based courses are offered to the students in association with M/S. Prag Robotics pvt Ltd, Chennai. The prototype industry Robot will be made available in the laboratory to enhance the teaching - learning process.
  - Internet of Things
  - Data Science
  - Artificial Intelligence
  - Service Robotics
  - Industrial Robotics
  - Deep Learning

This was also deliberated and noted in the IQAC meeting held on 29.01.19 and Planning and Monitoring and Board meeting held on 02.02.19.

The Academic Council (Senate) may consider and ratify the same.

## **Discussion:**

Vice Chancellor informed that value added programmes such as Students Pilot License, Diploma in Assistant Flight Dispatcher, Diploma in Cabin Crew management and Diploma in Ground Handling are also offered to the students.

Prof. Thangamuthu suggested printing of value added courses pursued by the students during the period of study in the consolidated mark sheet issued by the Institution. He told that this practice is in existence in some Universities like Bharthidasan University etc. Prof. Raju was also endorsed this view.

Prof. Thangamuthu also mentioned that this new initiative by the Institution will increase the employment opportunity of students.

Vice Chancellor informed the Controller of Examinations to explore the possible implementation of this initiative at the earliest.

## **Resolution:**

After detailed discussion the above item was ratified.



### **Item 13.16.3**

#### **To consider and approve the inclusion of elective courses for Ph.D. Scholars**

##### **Note on Agenda**

The course **MECZ01 Energy Resources and Conversion Technique** is to be offered for the Ph.D. Scholars based on the recommendation of the doctoral committee and is included in the elective courses. This was discussed in the Board of Studies of the Department of Mechanical Engineering and the board has recommended the same for approval.

The detailed syllabi are given in **Annexure 13.16.3.**

The Academic Council (Senate) may consider and approve the same.

##### **Resolution:**

After deliberations the above item was approved.

## **DEPARTMENT OF POLYMER ENGINEERING**

### **Item 13.17**

#### **To consider and approve the recommendations of the Board of Studies of the Department of Polymer Engineering**

##### **Item 13.17.1**

#### **To consider and approve the revision in the syllabi of B.Tech. Polymer Engineering under Regulations 2017**

##### **Note on Agenda**

The industrial experts suggested to revise the syllabus of the following courses of B.Tech. Polymer Engineering:

- PEC 2101 - Chemistry of Macromolecules
- PEC 2213 - Rubber and Plastic compounding
- PEC 3101 - Plastic Processing Engineering
- PEC 4101 - Mould and Die Design

**Annexure: 14<sup>th</sup> Academic Council Meeting**



**Minutes of Fourteenth Meeting of the  
Academic Council (Senate)  
B.S. Abdur Rahman Crescent Institute of  
Science & Technology,  
held on September 17, 2019**

### **Item 14.2.2**

#### **To consider and approve the M.Tech. / MCA / M.Sc. Regulations, 2019.**

##### **Note on Agenda:**

As a part of major revision in curriculum & syllabi of potential M.Tech. / MCA / M.Sc. programmes, Regulations of M.Tech. / MCA / M.Sc. R 2019 have been framed for implementation from the academic year 2019-20.

The salient features of the M.Tech. / MCA / M.Sc. R 2019 are given below:

- Enrollment in project related MOOC course is made mandatory.
- Enrollment in value added course is made mandatory as non credit course
- Compulsory Internship in Industry / Eminent academic institution / R & D labs during the summer vacation of second semester.
- Lab oriented theory courses
- Departments have been given flexibility to select core courses from pooled up group.
- More emphasize on MOOC related courses and credit limit for transfer is increased to 12.
- Introduction of more one / two credit course to facilitate course delivery by affiliate faculty from eminent institutions in India / abroad or from Industry.

M.Tech. / MCA / M.Sc. Regulations 2019 is attached in [Annexure 14.2.2](#)

The Academic Council may consider and approve the same.

##### **Discussions:**

The Dean, AA explained the salient features of the M.Tech. / MCA / M.Sc. Regulations 2019 and the process exercised to arrive at the same.

Dr. B. Suresh insisted that a list of approved industry / academia can be uploaded in the website under department portal for the information of students to obtain quality internships. In addition, departments also shall support the students to get internship in reputed firms / elite research institutions.

##### **Resolution:**

After deliberations the agenda item was approved for implementation from the Academic Year 2019 - 20.

### **Item 14.2.3**

**To consider and approve the amendment in the Clause 14.3 of B.Tech. Regulations, 2013; Clause 19.0 of B.Tech. Regulations 2017 and Clause 21.0 of M.Tech. / MCA / M.Sc. Regulations 2016 and Clause 19 of MBA Regulations 2018, Clause 18 of B.Des R 2017 and Clause 16 of M.Arch R 2018 with respect to offering supplementary examinations to students in the ODD semester.**

#### **Note on Agenda:**

As a student support measure, supplementary examinations were offered to facilitate the passed out students to complete the programme in time, during July every year (after Even semester) in two courses. Now it is proposed to offer the supplementary examination in both EVEN and ODD semesters for 3 courses.

The amendment to the above clause is given in [Annexure 14.2.3](#).

The Academic Council may consider and approve the same.

#### **Resolution:**

After deliberations the agenda item was approved for implementation from the Academic Year 2019 - 20.

### **Item 14.2.4**

**To consider and approve the revised syllabus for the courses; MSB 4182 – Social Entrepreneurship and GEBX 219 – Advanced Entrepreneurship (under B. Tech. Regulations, R 2013) and MSC 3182 – Social Entrepreneurship and MSC 3182 - Social Entrepreneurship and GECX 219 – Advanced Entrepreneurship (under B. Tech. Regulations, R 2017).**

#### **Note on Agenda:**

The Institution gives more emphasis on Entrepreneurial activities and accordingly incorporated the course; Social Entrepreneurship as core course; and Advanced Entrepreneurship as General Elective and offered to students studying B.Tech. Programme under Regulations, R 2013 & 2017. These courses were offered to students in collaboration with M/S. Wadhvani Foundation, Bangalore.

To make the teaching – learning process effective; more online component of learning viz. live projects, quizzes, report preparation on case studies etc. were

## Note on Agenda

The annual report of the Office of Accreditation, Ranking and International Affairs is presented in [Annexure 14.7](#) for deliberation and further approval.

The Academic Council may consider and approve the same with effect from Academic Year 2019 - 20.

### Discussion:

The Director, ARIA informed that, as per the directions of Vice Chancellor, departments / schools were insisted to identify (globally) reputed academic institutions as bench mark to adopt the best practices followed by them in their respective domain. Even departments were encouraged to sign MoU with the bench mark institutions.

### Resolution:

After deliberations, the agenda item was noted and approved.

## Items moved by Chairman, Board of studies

### SCHOOL OF COMPUTER, INFORMATION AND MATHEMATICAL SCIENCES

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

#### Item 14.8

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

#### Item 14.8.1

To consider and approve the revised curriculum and syllabi of B.Tech (Computer Science & Engineering), R 2017

## Note on Agenda

Based on the feedback from the students and staff members, the syllabus of the following courses were modified:

CSC 3121	Essentials of Software Engineering using IBM RSA
CSC 2211	Computer Architecture and Micro Processor
CSB 4102	Data Mining and Warehousing

The course CSC3123 IBM Design Thinking, Agile Software Development and DevOps is introduced in place of CSC3121 Essentials of Software Engineering using IBM RSA as per the feedback from IBM.

The syllabus of the revised courses and the newly introduced course is enclosed in [Annexure 14.8.1](#).

The Academic Council may consider and approve the same.

#### **Resolution:**

After deliberations, the agenda item was approved for implementation from the Academic Year 2019 - 20.

#### **Item 14.8.2**

**To consider and approve the revised curriculum and syllabi of M.Tech (Computer Science & Engineering) under Regulations 2019.**

#### **Note on Agenda**

As part of major revision in the curriculum of all M.Tech. Programmes of the Institution, the curriculum and syllabus of M.Tech. Computer Science and Engineering was thoroughly revised.

The following courses were revised as per the feedback of faculty members:

CSCY107 Statistical Natural Language Processing

CSCY113 Wireless Networks

CSCY115 Data Science with Python

The following courses were introduced to increase the employability of students:

DevOps in Agile Software Development

Wireless Networks

DevOps tools,

TDD (Test Driven Development) ,

Artifactory and selenium testing softwares

These revisions were discussed in the Board of Studies of the Department of Computer Science and Engineering and the board has recommended for approval.

The curriculum and the detailed syllabi are given in [Annexure 14.8.2](#).

The Academic Council may consider and approve the same.