

ACADEMIC YEAR 2018-19

Analysis on Feedback from Employees: Action Taken Report

Date: 20.09.19

- I. Feedback received through Institution website and Feedback received from faculty members through department level faculty meetings was collected during the academic year 2018-19 and were thoroughly analysed.

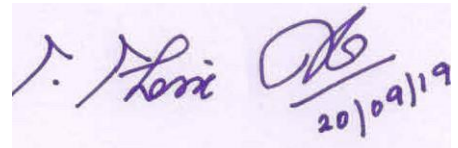
- II. **The important points taken for further action taken are:**
 - F1 : Revamping Mission & Vision statement of the Institution
 - F2 : Starting of new programmes based on market demand
 - F3: Facilitating more MOOC courses / compulsory industry internship / enrolment in value added courses etc. in the M.Tech. Regulations
 - F4: Revision in curriculum & syllabi considering the industry trend and emerging areas.
 - F5 : Introduction of new courses to enhance employability

- III. The point F1 was considered through agenda item 13.1.3 of Thirteenth meeting of Academic Council (page no. 10 of minutes of meeting) which was held on 06.03.19 and approved.

- IV. The point F2 was considered through agenda item 13.2.1 & any other item of Thirteenth meeting of Academic Council (page no. 14 & 44 of minutes of meeting) which was held on 06.03.19 and approved.

- V. The point F3 was considered through agenda item 13.2.4 of Thirteenth meeting of Academic Council (page no. 15 & 16 of minutes of meeting) which was held on 06.03.19 and agenda item 14.2.2 of 14th meeting of academic council (page no. 14 of minutes of meeting) which was held on 17.09.19 and are approved.

- VI. The point F4 was considered through agenda item 13.13.1 & 13.18.1 of Thirteenth meeting of Academic Council (page no. 33, 39 & 40 of minutes of meeting) which was held on 06.03.19 and approved.
- VII. The point F5 was considered through agenda item 14.9.1, 14.13.1 & 14.13.2 of 14th meeting of academic council (page nos. 24, 25, 35-37 of minutes of meeting) which was held on 17.09.19 and got approved.



Dean, Academic Affairs

Annexure: 13th 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**

in that particular stream. A curriculum can be framed in such a way that it offers flexibility to students to undergo courses of their interest.

Resolution:

After discussion the Action Taken Report of the Twelfth Meeting of Academic Council was noted.

Item 13.1.3

To consider and approve the revised Vision and Mission statements of the Institution

Note on Agenda

From the academic year 2017-18, the institute broadened its ambit by offering new programmes on Law, Pharmacy and Arts streams. This necessitated the revision of vision and mission. As discussed in the previous Academic Council meeting, the vision and mission statements were framed by receiving inputs from various stakeholders. The vision and mission statements were discussed at department level meeting with students and faculty members and also deliberated in the Deans, Directors and HoDs meeting.

The revised Vision and Mission of the Institute are given in Annexure 13.1.3.

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

Discussion:

Prof. Thangamuthu emphasized that the vision and mission statements are very important and shall be in orientation with the perspective plan of the Institution.

Dr. A. Azad, Registrar mentioned that revision in vision and mission statement of the Institute was done after rigorous exercise by obtaining views and suggestions from stakeholder's viz. faculty members, parents, alumni, students, industry etc.

Resolution:

After deliberations, the revised Vision and Mission statement of the Institute was approved.

Resolution:

After detailed discussion the above item was approved.

Item 13.1.6

To consider and ratify the establishment of Centre for Innovation in Teaching and Learning (CITL)

Note on Agenda

Centre for Innovation in Teaching and Learning has been created in December 2018 to encourage creation of innovative teaching pedagogies & facilitate faculty members to record video lectures for uploading in the Institution website for the benefit of students. 25 short video lectures have been recorded in the last two months using this facility.

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

Discussion:

The members appreciated the efforts of the Institution in establishing Centre for Innovation in Teaching and Learning and suggested to utilize this facility for enhancing the Teaching – Learning process.

Resolution:

After deliberations the above item was ratified.

ITEMS MOVED BY THE DEAN ACADEMIC AFFAIRS

Approvals and Ratifications

Item 13.2.1

To consider and approve the start of new programmes from the academic year 2019-20

Note on Agenda

As a part of diversification and to cater to the needs of the society and industry, it is proposed to start the following programmes from the academic year 2019-20:

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 12th 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)

SCHOOL OF INFRASTRUCTURE
DEPARTMENT OF CIVIL ENGINEERING

Item 13.13

To consider and approve the recommendations of the Board of Studies of the Department of Civil Engineering

Item 13.13.1

To consider and approve the revision in the curriculum and syllabi of B.Tech. Civil Engineering (VII & VIII Semester) under Regulations 2017

Note on Agenda

The syllabi of VII and VIII semester courses of B.Tech. Civil Engineering were thoroughly revised. These revisions were discussed in the Board of Studies of the Department of Civil Engineering and the board has recommended the same for approval.

The curriculum and the detailed syllabi of the seventh and eighth semesters are given in **Annexure 13.13.1.**

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

Resolution:

After discussion the above item was approved.

Item 13.13.2

To consider and ratify the NPTEL course as elective course for M.Tech Structural Engineering and Construction Engineering & Project Management under Regulations 2016.

Note on Agenda

- PECX008 - High Performance Polymers
- PECX018 - Extrusion Moulding Technology
- PECX 030- Rapid Proto typing – 3D Printing
- PECX002 - Thermoplastic Elastomers
- PECX 004 - Heat resistant Polymers

These courses were revised as per the suggestions of experts and the board has recommended the same for approval.

The curriculum and the syllabi of the revised courses are given in **Annexure 13.17.1.**

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

Resolution:

After discussion the above item was approved.

SCHOOL OF SOCIAL SCIENCE AND HUMANITIES
DEPARTMENT OF COMMERCE

Item 13.18

To consider and approve the recommendations of the Board of Studies of the Department of Commerce

Item 13.18.1

To consider and approve the curricula and syllabi of B.Com. (Hons), BBA (General), BBA (Family Business) and M.Com

Note on Agenda

The curricula and syllabi of the programmes B.Com. (Hons), BBA (General), BBA (Family Business) and M.Com were framed and deliberated in the Board of Studies of the Department of Commerce and the board has recommended the same for approval.

The curricula and syllabi of B.Com. (Hons), BBA (General), BBA (Family Business) and M.Com are given in Annexure 13.18.1., Annexure 13.18.2., Annexure 13.18.3. , Annexure 13.18.4.

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

Resolution:

After discussion the above item was approved.

CRESCENT SCHOOL OF ARCHITECTURE

Item 13.19

To consider and approve the recommendations of Board of Studies of Crescent School of Architecture

Item 13.19.1

To consider and ratify the revision of the curriculum & syllabi of M. Arch. (General), Regulations 2018.

Note on Agenda

The Curriculum and Syllabi of M. Arch (General) were revised thoroughly. The salient revisions are as follows:

- Changes in course code
- Revision of syllabi of second semester courses and elective courses

These revisions were discussed in the Board of Studies of Crescent School of Architecture and the board has recommended the same for ratification with effect from the academic year 2018-19.

The detailed curriculum and syllabi are given in **Annexure 13.19.1.**

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

Resolution:

After discussion the above item was ratified.

Annexure: 14th 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.

Resolution:

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

DEPARTMENT OF INFORMATION TECHNOLOGY

Item 14.9

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

Item 14.9.1

To approve the revised curriculum and syllabi of M.Tech Information Technology, 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. Information Technology was thoroughly revised.

Based on the feedback obtained from Alumni, Industry Experts, Students and Faculty, the entire curriculum and syllabi of the programme M.Tech – Information Technology, 2016 regulations were revamped to cater to the needs of Industries.

The details of discussion in the meeting are given below.

The following courses are newly introduced:

| | |
|---------|---------------------------------------|
| ITD6202 | Machine Learning |
| ITDY105 | Internetworking with TCP/IP |
| ITDY209 | Soft Computing |
| ITDY111 | Deep Learning |
| ITDY113 | Big Data Computing |
| ITDY116 | Data Science Analytics |
| ITDY117 | Green Computing Technology |
| ITDY118 | Blockchain Architecture and Use Cases |
| ITDY119 | Big Data Analytics for IoT |

The syllabus is updated for the following courses:

| | |
|---------|--------------------------------------|
| ITD6101 | Advanced Data Structures |
| ITD6102 | Software Development Methodologies |
| ITD6103 | Software Development and Testing Lab |
| ITD6201 | Cloud Computing Technology |

The detailed syllabus is given in [Annexure 14.12.3.](#)

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 14.12.4

To consider and approve the introduction of new courses Electro Optic system for Avionic Engineers and MATLAB and SimuLink Laboratory for M.Tech Avionics under Regulations, 2019.

Note on Agenda

The syllabi of courses Electro Optic system for Avionic Engineers and MATLAB and SimuLink Laboratory were discussed in the the Board of Studies of Department of Electronics and Communication Engineering and the board has recommended the same for approval.

These courses will be offered from the Academic Year 2019-20 onwards.

The detailed syllabi are given in [Annexure 14.12.4.](#)

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.

SCHOOL OF INFRASTRUCTURE
DEPARTMENT OF CIVIL ENGINEERING

Item 14.13

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

Item 14.13.1

To consider and approve the revised curriculum and syllabi of M.Tech. Structural 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. Structural Engineering was thoroughly revised.

Based on the feedback of stake holders and to meet current industry needs, the curriculum and syllabi of M.Tech. Structural Engineering, Regulations 2016 was revised and discussed in the Board of Studies of the Department of Civil Engineering.

The following new courses are included in the new curriculum:

- Structural Engineering Design Studio
- Matrix Methods of Structural Analysis
- Project Management in Construction
- Advanced Foundation Design
- Soil Dynamics and Machine Foundation
- Fire Protection of Structures
- Construction Contracts

Modifications were incorporated in the syllabi of the following courses:

- CEC6104 Advance Concrete Technology
- CECY210 Prefabricated structures
- CECY103 Condition Assessment and Rehabilitation of Structures
- CEC6213 Experimental Methods in Structural Engineering
- CECY203 Earthquake Resistant Design of Structures
- CECY207 Prestressed Concrete Structures

The board has recommended the same for approval.

These revisions are to be implemented from the Academic Year 2019-20 onwards.

The curriculum and the detailed syllabi of the programme are given in [Annexure 14.13.1.](#)

The Academic council may consider the same.

Resolution:

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

Item 14.13.2

To consider and approve the revised curriculum and syllabi of M.Tech. Construction Engineering and Project Management 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. Construction Engineering and Project Management was thoroughly revised.

Based on the feedback of stakeholders and to meet current industry needs, the Curriculum and Syllabi of M.Tech., Construction Engineering and Project Management Regulations 2016 was revised and discussed in the Board of Studies of the Department of Civil Engineering.

The following new courses are included in the new curriculum and syllabus:

- Energy Auditing
- ICT Based Cities and smart infrastructure
- Urban infrastructure and Network Planning
- Rural Resources and Development Planning
- Urban and Regional Planning
- Sustainable Development
- Construction Demolition & Waste Management
- Environment & energy for sustainable construction
- Energy efficient structures
- Construction Accounting
- Automation in Construction
- Value Engineering and Valuation
- Pre Engineered Structures
- Urban transportation infrastructure
- Integrated Rural development
- Geo-Informatics for Urban / Rural management
- Sustainable Materials
- Fire Protection & Services
- Logistics & Supply chain management