ACADEMIC YEAR 2018-19

Analysis on Feedback from Alumni: Action Taken Report

Date: 20.09.19

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 2018 & June – July 2019) were analysed and following points were recommended for action taken:

  ❖ A1 : To introduce new programmes to cater the industry needs / market demand.
  ❖ A2 : To offer new specialization based on industry demand
  ❖ A3 : To offer courses on entrepreneurship to B.Tech. students (with industry exposure) to imbibe the interest of starting up new organisations.
  ❖ A4 : Revision in Curriculum & syllabi based on industry needs.
  ❖ A5 : Offering value added courses in emerging areas
  ❖ A6 : To introduce new professional electives in the curriculum to impart knowledge on latest technologies.

B. A1 was considered as agenda item 13.2.1 of 13th meeting of Academic Council held on 06.03.19 (Page no. 13 & 14 of minutes of the meeting)

C. A2 was considered as agenda item 13.8.1 of 13th meeting of Academic Council held on 06.03.19 (Page no. 25 of minutes of the meeting)

D. A3 was considered as agenda item 14.2.4 of 14th meeting of Academic Council held on 17.09.19 (Page no. 15 & 16 of minutes of the meeting)

E. A4 was considered as agenda item 13.19.2 & 13.19.3 of 13th meeting of Academic Council held on 06.03.19 (Page no. 41 & 42 of minutes of the meeting) & agenda item 14.12.1 and 14.12.2 of 14th meeting of Academic Council held on 17.09.19 (Page no. 32 & 33 of minutes of the meeting)

F. A5 was considered as agenda item 13.6.1 of 13th meeting of Academic Council held on 06.03.19 (Page no. 23 of minutes of the meeting)

G. A6 was considered as agenda item 14.9.2 of 14th meeting of Academic Council held on 17.09.19 (Page no. 26 & 27 of minutes of the meeting)

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

Dean, Academic Affairs

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

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.

Discussion:

Prof. Thangamuthu confirmed the existing practice of having reserve / waitlist candidates during recruitment process. This was also endorsed by Director, HR.

Resolution:

After detailed discussion the above item was approved.

Items moved by Chairman, Board of studies

SCHOOL OF COMPUTER, INFORMATION AND MATHEMATICAL SCIENCES

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Item 13.6

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

Item 13.6.1

To consider and approve the value added course offered for B.Tech. (Computer Science & Engineering)

Note on Agenda

The course Android App Development was conducted by the department during June 2018 - Nov 2018 in collaboration with Braingroom India Pvt Ltd. Based on the outcome and the feedback from the students and staff members, it was decided in the Board of Studies to offer Android App Development course as a value added course from the even semester 2018-19.

The syllabus is enclosed in Annexure 13.6.1.

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

Resolution:

After discussion the above item was approved.

DEPARTMENT OF COMPUTER APPLICATIONS

Item 13.8

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

Item 13.8.1

To approve the curriculum and syllabi of semester I and II of BCA [Multimedia and Web Application Development] programme under BCA Regulations, 2016.

Note on Agenda

The BCA programme with specialization in Multimedia and Web Application Development is specially designed to enhance the employability of students in the current scenario. This curriculum and syllabi were discussed in the Board of Studies of the Department of Computer Applications and the board has recommended the same for approval. The programme will be introduced from the Academic Year 2019-20 onwards.

The detailed curriculum and syllabi of the BCA Programme (with specialization in Multimedia and Web Application development) are given in Annexure 13.8.1.

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

Resolution:

After discussion the above item was approved.

Item 13.8.2

To consider and approve the value added course on Predictive Data Analytics

Note on Agenda

In present scenario, data analytics plays a vital role in IT industry. In order to improve the employability skills, value added course on Predictive Data

Item 13.19.2

To consider and ratify the revision in the curriculum and syllabi of B.Arch Regulations 2016.

The syllabi of the following courses were modified as per suggestions of experts from the industry:

AR C	1107	ALLIED DESIGN STUDIO – I
AR C	2302	CLIMATIC DESIGN
AR C	2405	SITE PLANNING AND ANALYSIS

A new elective course "Contemporary Process in Architectural Design" was also included for the IX semester B.Arch Students.

Other salient revisions are:

- Addition of new references in some courses
- Changes in number of teaching hours in few courses
- Changes in course code of courses

These revisions were discussed in the Board of Studies of Crescent School of Architecture and the board has recommended the same for ratification.

The detailed curriculum and syllabi are given in Annexure 13.19.2.

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

Resolution:

After discussion the above item was ratified.

Item 13.19.3

To consider and ratify the revision in the curriculum and syllabi of B.Des Regulations 2017

Note on Agenda:

The following revisions were made in the curriculum and syllabi of the B.Des regulations 2017:

- Changes in course code
- Revision of IV and V semester courses and elective courses

These revisions were deliberated in the Board of Studies of Crescent School of Architecture and the Board has recommended the same for ratification.

The detailed syllabus is given in **Annexure 13.19.3.**

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

Resolution:

After deliberations the above item was ratified.

SCHOOL OF PHYSICAL AND CHEMICAL SCIENCES

DEPARTMENT OF PHYSICS

Item 13.20

To consider and approve the recommendations of the Board of Studies of the Department of Physics.

Item 13.20.1

To consider and approve the value added course "Experimental Techniques in material science"

Note on Agenda:

The Department of Physics of is offering a value added course on "Experimental Techniques in Material Science" for students of M.Sc. Physics. The detailed syllabus was discussed in the Board of Studies of the Department of Physics and the board has recommended the same for approval.

The syllabus is given in Annexure 13.20.1.

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

Resolution:

After discussion the above item was approved.

B.S. Abdur Rahman

Crescent

Institute of Science & Technology

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

GST Road, Vandalur, Chennai 600 048

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

Item 14.2.3

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. Wadhwani 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

introduced in consultation with M/s. Wadhwani Foundation and accordingly the syllabus content is completely revised.

These revisions were deliberated in Board of Studies of Department of Management Studies and got approved.

The revised syllabus is given in **Annexure 14.2.4**

The Academic Council may consider and approve the same for implementation from the academic year 2019-20.

Resolution:

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

Item 14.2.5

To consider and approve the evaluation criteria 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:

To make the teaching – learning process effective; more online component of learning viz. live projects, quizzes, report preparation on case studies etc. were introduced throughout the duration of study in these courses. This necessitates giving more weightage for the continuous assessment component (online evaluation) rather than semester End Examination. The evaluation components are as follows:

- ❖ CAT I : Online evaluation of students performance during CAT I period : 40% weightage
- ❖ CAT II : Online evaluation of students performance during CAT II period : 40% weightage
- ❖ Semester End Examinations : 20%

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.

ITDY101	Computer Forensics and Information Security
ITDY102	Multimedia Technology & Applications
ITDY103	Mobile Computing Technology
ITDY104	High Performance Networks
ITDY201	Multicore Architectures
ITDY202	Social Network Analysis
ITDY203	Distributed Operating Systems
ITDY204	Applied Cryptography
ITDY205	Wireless Networks
ITDY206	Virtualization Techniques
ITDY207	Web Design & Management
ITDY208	Data Warehousing and Data Mining
ITDY112	Wireless & Mobile Communication
ITDY114	Ontology and Semantic Web
ITDY115	Software Project Management

The curriculum and the detailed syllabi of M.Tech. Information Technology under Regulation 2019 are given in **Annexure 14.9.1.**

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 14.9.2

To consider and approve the syllabus of courses offered by department of Information Technology to B.Tech Electrical and Electronics Engineering (Part Time) under R 2017.

Note on Agenda

Based on the input from Employers, Alumni, Students and Staff, the following elective courses for B.Tech. (EEE – Part-time) 2017 Regulations were included in order to meet the industrial requirements:

PTITC X 81 Database Management System

PTITC X 82 Computer Networks

PTITC X 83 Java Programming

PTITC X 85 Cloud Computing

PTITC X 86 Operating Systems

PTITC X 87 Internet of Things

PTITC X 88 Python Programming

These revisions were discussed in the Board of Studies of the Department of Information Technology and the board has recommended for approval.

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

The detailed syllabi of the courses are given in **Annexure 14.9.2.**

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.

DEPARTMENT OF COMPUTER APPLICATIONS

Item 14.10

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

Item 14.10.1

To approve the curriculum and syllabi of MCA under Regulations 2019.

Note on Agenda

As part of major revision in the curriculum of all PG Programmes of the Institution, the curriculum and syllabus of MCA was thoroughly revised by taking care of the guidelines given in the AICTE model curriculum.

Based on the feedback received of alumni, industry experts, academicians from reputed institutions and students, MCA curriculum framework and syllabus are revised with various specializations such as Cloud Technology, Mobile Applications, Information Security, IoT and Big data.

15 courses have been newly introduced under the Technology Electives as follows:

Mobile Applications

| 1 | CADY101 | Mobile Commerce |
| 2 | CADY102 | Mobile Security |

EED 6212 Power System Dynamics

The Board of Studies of the Department of Electrical and Electronics Engineering has recommended the same for approval.

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

The detailed syllabi of the courses are given in **Annexure 14.11.2.**

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.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Item 14.12

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

Item 14.12.1

To consider and approve the revised curriculum and Syllabi of M.Tech Communication Systems 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. Communication Systems was thoroughly revised.

- Lab integrated courses are introduced from semester I onwards for the students to have more hands on learning in the basics. Two courses in M.Tech Communication Systems, namely Advanced Digital Communication Techniques and Advanced Digital Signal Processing are included as lab integrated courses as suggested by our alumni Mr.Imadudin, (2017-2019) batch, M.Tech Communication Systems, currently working in WABCO, Chennai.

The following new courses were added as per the suggestions of our alumni, faculty suggestions, and industry experts:

- Wireless and Mobile Communication
- Medical Image Processing
- Software for Embedded Systems
- Electro Optic Systems for Avionics
- Wireless and Optical Communication Laboratory

All the courses listed in the curriculum were revised after periodical discussion in department meeting about the contents, objective, outcome and references considering the feedback from current students, alumni and industry persons.

The syllabus of the course was discussed in the Board of Studies of the 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 curriculum and detailed syllabi of M.Tech Communication System is given in **Annexure 14.12.1.**

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 14.12.2

To consider and approve the revised curriculum and Syllabi of M.Tech VLSI & Embedded Systems under Regulations 2019.

Note on Agenda

As part of major revision in the curriculum of all M.Tech. Programmes of the University, the curriculum and syllabus of M.Tech. VLSI & Embedded Systems was thoroughly revised.

The following new courses were added as per the suggestions of our alumni and employers: