OFFICE OF DEAN (ACADEMIC AFFAIRS)

Ref.: 907(A) /Dean (AA)/2023

Date: 09.02.2023

ACADEMIC YEAR: 2021-22

Analysis on Students Feedback: Action Taken Report

A. The various source of feedback from the students obtained and analysed during the Academic Year 2021-22:

- Feedback Level I & II (About the course & course teacher) during the odd and even semesters.
- Feedback obtained from students through the statutory meetings viz. Board of Studies / IQAC / School level advisory committee etc.
- Institution website (online)
- Exit survey from graduating students

The feedbacks were collected and collated in the Department level / Institution level and important suggestions / comments / remarks given by the students to enhance the curriculum, syllabi and other course related activities are considered for further course of action. The salient suggestions (S1, S2, S3 & S4) are as follows:

S1: To revise the contents of the course to suit the needs of the industry needs and to avail more employment opportunities.

S2: To offer a wider variety of program electives in collaboration with industries.

S3: To introduce application-based laboratory courses to enhance the practical exposure.

S4: Focus to include cutting edge technology topics in order to face future challenges

B. Details of Action Taken

➢ S1 & S3 was considered during major revision of curriculum & syllabi of UG Engineering and Arts & Science programmes; and MBA under Regulations 2021. New elective courses related to industrial demands, knowledge enhancement and cutting edge technologies were introduced. The sample agenda items emphasizing S1 and S3 in the 18th meeting of Academic Council which was held on 24th February 2022, were 18.11.1, 18.12.1 , 18.14.1 ,18.14.2 ,18.14.3, 18.14.4, 18.14.5, given in   (Page No. 57, 59 64, 68 to 73 of minutes of 18th Academic Council meeting)

➢ S2 was considered by establishing the "DASSAULT SYSTEMES centre for excellence" by school of Mechanical Sciences , and signing an MoU with L&T EduTech to offer few courses through "college – connect " program.   The agenda item 18.1.6 (page no.24), and agenda item 18.2.2 (page no. 35) contains the approval of the courses offered in collaboration with the industries. To have industrial collaborations, MoUs were signed by various schools and Departments are mentioned in the minutes of 18th Academic Council meeting (page no. 15).

➢ S4 was a major agenda in the Department of Computer Applications, Department of Computer Science, Department of Management Studies in which new electives and syllabus revisions were carried to introduce Cutting Edge Technology topics in order to face future challenges. This was deliberated as agenda item in 18.16.1, 18.16.2,18.16.3 vide page number 73 – 79.

Annexure: Highlighted pages of Minutes of 18th Academic Council meeting.

9.2.23

Dean, Academic Affairs

DEAN (ACADEMIC AFFAIRS)
B.S. Abdur Rahman Crescent Institute
of Science & Technology
Vandalur, Chennai - 600 048, India

B.S. Abdur Rahman

Crescent
Institute of Science & Technology
Deemed to be University u/s 3 of the UGC Act, 1956

Minutes of the

Eighteenth meeting of the Academic Council

of

B.S. Abdur Rahman Crescent Institute of Science and Technology

held on

February 24, 2022

Online Meeting

SCHOOL OF ELECTRICAL AND COMMUNICATION SCIENCES

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Item 18.11

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

Item 18.11.1

To consider and approve the syllabi (III & IV semester) of B.Tech. EEE under Regulations 2021.

Note on Agenda:

The major revision in curriculum of B. Tech EEE under R 2021 & Syllabi of I & II Semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the year AY 2021-2022.

In the 16th meeting of Board of Studies of EEE Department, which was held on 13th December 2021 the syllabi of III and IV semester courses including the professional elective courses were deliberated. After deliberations the board has recommended the same for approval in the Academic Council.

The salient features of the B. Tech. EEE curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. Semester I & II (AY 2021-22)

a) New Courses introduced:

Course Code	Course Title	Credits
GED 1202	Basic Electrical and Electronics Engineering	4
GED 1204	Basic Electrical and Instrumentation Engineering	4
GED 1203	Basic Electrical Engineering	4
EED 1202	Signals and Systems	3
EED 1201	Electric and Magnetic Circuits	3

b) Courses with Syllabus revision:

Course Code	Course Name	Credits	Revision (%)
GED 1103	Manufacturing Practices Laboratory	1	20%
EED 1203	Electric Circuits Laboratory	1	60%

Item 18.11.2

To consider and ratify the revision in the curriculum & syllabi of M.Tech Power Systems Engineering under R 2019.

Note on Agenda:

The course EEDY 040 - 'Electric Vehicle and Power Management' was included as an elective course in the curriculum of M.Tech. (Power Systems Engineering) under Regulations 2019. This revision was deliberated in the 16th Meeting of Board of Studies of the Department of Electrical and Electronics Engineering and the board has recommended the same for ratification with effect from AY 2021-22.

The ratified curriculum of M.Tech PSE under R 2019 & syllabus of the course EEDY 040 -'Electric Vehicle and Power Management' are given in **Annexure 18.11.2.**

The Academic Council may consider and ratify the same for implementation from academic year 2021-22.

Resolution:

The agenda item was ratified with effect from the academic year 2021-22.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Item 18.12

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

Item 18.12.1

To consider and approve the syllabi of III & IV semester (Core and Professional elective courses) of B.Tech. ECE under Regulations 2021.

Note on Agenda:

The major revision in curriculum of B.Tech. ECE programme under R 2021 & Syllabi of I & II semester courses was approved in the 17th meeting of Academic Council and accordingly implemented from the year AY 2021-2022.

In the 22nd meeting of Board of Studies of B.Tech. ECE Department which was held on 14-12-2021, the syllabi of III & IV Semester Courses including professional elective courses of B.Tech. ECE programme under R 2021 were deliberated. After deliberations, the board has recommended the same for approval in the Academic Council.

The salient features of the B.Tech. ECE curriculum under R 2021 with respect to

Item 18.14.1

To consider and approve the syllabi (III & IV semester) courses of B.Tech. Computer Science and Engineering; B.Tech. CSE (Internet of Things); B.Tech. CSE (Cyber Security) and B.Tech. (Artificial Intelligence and Data Science)under Regulations 2021.

Note on Agenda:

The major revision in curriculum of B.Tech. Computer Science and Engineering; B.Tech. CSE (Internet of Things); B.Tech. CSE (Cyber Security) and B.Tech. (Artificial Intelligence and Data Science)under R 2021 and Syllabi of I & II Semester courses of these programmes was approved in the 17th meeting of Academic Council and accordingly implemented from the year AY 2021-2022.

In the 19th meeting of Board of Studies of Department of Computer Science & Engineering which was held on 28.12.2021, the syllabi of III & IV Semester Courses of B.Tech. Computer Science and Engineering; B.Tech. CSE (Internet of Things); B.Tech. CSE (Cyber Security) and B.Tech. (Artificial Intelligence and Data Science) were deliberated. After deliberations the board has recommended the same for approval in the Academic Council.

The salient features of the B.Tech. Computer Science and Engineering; B.Tech. CSE (Internet of Things); B.Tech. CSE (Cyber Security) and B.Tech. (Artificial Intelligence and Data Science) curriculum under R 2021 with respect to 'Introduction of New Courses' and 'Courses with Syllabus Revision' are as follows:

I. B.Tech. Computer Science and Engineering R 2021

a) Semester I & II (AY 2021-2022)

    i) New Courses Introduced:

Sl. No.	Course Code	Course Title	Credits
1	CSD 1101	Programming for Problem Solving	2
2	CSD 1201	Object Oriented Programming	3

b)Semester III & IV (AY 2022-2023)

    i) New Courses (Proposed)

Sl. No.	Course Code	Course Title	Credits
1.	CSD 2101	Python Programming	3
2.	CSD 2105	Python Programming Laboratory	1

3.	CSD 2154	Database Management and SQL	3	20
4.	CSD 2155	Foundations of Data Structures Laboratory	1	20
5.	CSD 2156	Database Management and SQL Laboratory	1	20
6.	CSD 2157	Python Programming Laboratory	1	20
7.	CSD 2251	Networking Methodologies	4	40
8.	CSD 2253	Knowledge Engineering	3	20
9.	CSD 2254	Data Warehousing and Data Mining	3	20
10.	CSD 2256	Fundamentals of Operating System	3	20
11.	CSD 2258	Data Mining Tools Laboratory	1	20

The curriculum and syllabi of the courses (III & IV Semester) of B.Tech. Computer Science and Engineering; B.Tech. CSE (Internet of Things); B.Tech. CSE (Cyber Security) and B.Tech. (Artificial Intelligence and Data Science)under R 2021 are given in **Annexure 18.14.1(a), 18.14.1(b), 18.14.1(c)**&**18.14.1(d)**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Item 18.14.2

To consider and approve the syllabi of elective courses of B.Tech. (Artificial Intelligence and Data Science) and B.Tech. CSE (Cyber Security) under Regulations 2017.

Note on Agenda:

The syllabi of elective courses offered to of B.Tech. (Artificial Intelligence and Data Science) and B.Tech. CSE (Cyber Security) were deliberated in the 19th Board of Studies of Department of Computer Science & Engineering held on 28.12.2021. After deliberations,

Resolution:

After deliberations, the agenda item was approved.

Item 18.14.4

To consider and approve the syllabi of the elective courses offered to B.Tech. EEE under Regulations 2021.

Note on Agenda:

The syllabi of elective courses offered to B.Tech. EEE under R2021 were deliberated in the 19th meeting of Board of Studies of Department of Computer Science & Engineering held on 28-12-2021. After deliberations, the board has recommended the same for approval in the Academic Council.

B.Tech. EEE R2021 - Elective Courses

- i CSDX 81 – Introduction to Cloud Computing
- ii CSDX 82 – Computer Hardware and Interfacing
- iii CSDX 83 – Computer Networks
- iv CSDX 84 – Fundamentals of Data Structures
- v CSDX 85 – Java Programming

The syllabi of elective courses offered to B.Tech. EEE under R 2021 are given in **Annexure 18.14.4.**

The Academic Council may consider and approve the same for implementation from the academic year 2022-23.

Resolution:

After deliberations, the agenda item was approved.

Item 18.14.5

To consider and approve the syllabi of the courses offered to B.Tech. EIE under Regulations 2021.

Note on Agenda:

The syllabi of courses offered to B.Tech. EIE under R2021 were deliberated in the 19th meeting of Board of Studies of Department of Computer Science & Engineering held on 28-12-2021. After deliberations, the board has recommended the same for approval in the Academic Council.

B.Tech. EIE R2021 - Elective Course

- i EID 2204 - Python for Instrumentation Engineers
- ii EID X62 - R Programming

The syllabi of elective courses offered to B.Tech. EIE under R 2021 are given in