



ACADEMIC YEAR 2014-15

Employees Feedback Analysis : Action Taken Report

Date: 06.07.15

- I. Feedback from employees were received in the structured format and through department level meetings and analysed.
- II. The salient points considered for further approval are:
 - ❖ A1 : Course wise attendance in lieu of overall attendance calculation for eligibility to write semester end examination.
 - ❖ A2 : Revision in syllabus in various courses offered under different disciplines.
 - ❖ A3 : Introduction new elective courses under various programmes
- III. Point A1 was placed in the eighth academic council meeting held on 14.07.15 and approved.
(Minutes of the 8th meeting of the academic council, page no. 5)
- IV. Point A2 was taken care through Item Nos. 8.7.2 and 8.7.3 of 8th meeting of academic council.
(Minutes of the 8th meeting of the academic council, page no. 17,18, 19)
- V. Introduction of new elective courses was approved in the 8th academic council meeting.
(Minutes of the 8th meeting of the academic council, page no. 13,16,22)

Annexure: Related pages from Minutes of Eighth meeting of Academic Council Meeting

Dean, Academic Affairs

ANNEXURE

B.S.ABDUR RAHMAN
UNIVERSITY

B.S.ABDUR RAHMAN INSTITUTE OF SCIENCE & TECHNOLOGY
(Estd.u/s 3 of the UGC Act, 1956)



MINUTES OF THE EIGHTH MEETING

OF THE ACADEMIC COUNCIL

(Corrections incorporated and Finalized)

B.S. Abdur Rahman University, Convention Centre

July 14, 2015

ITEM 8.2

To consider and approve the Action Taken Report on the above Minutes.

Note on Agenda:

The action taken report for the minutes of the Seventh Academic Council meeting held on 10.7.2015 is enclosed as **Annexure 8.2**.

The Academic Council may peruse and record the same.

Resolutions:

After discussions the Action Taken Report of the Seventh Academic Council was recorded.

RATIFICATIONS AND APPROVALS

ACADEMIC

ITEM 8.3

To consider the following three Academic items for Ratification and one item for Approval.

Items for Ratification

Item 8.3.1

To consider and ratify the amendment with regard to Attendance requirement in Clause 15.0 of B.Tech. Regulation, 2013 and Clause 11.0 of M.Tech./M.Sc./MCA Regulation, 2013.

Note on Agenda:

Monitoring the course-wise attendance and prescribing the course-wise attendance as eligibility in programmes is considered as a best practice in place of reckoning the overall attendance taken together. Hence, the course-wise attendance was introduced during Academic semester starting from December 2014 onwards and the same was implemented for all UG and PG programmes. The modified regulation to this effect is given in **Annexure 8.3.1**.

Academic Council may consider and ratify this item.

SCHOOL OF ELECTRICAL AND COMMUNICATION SCIENCES

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ITEM 8.7

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

Item for Ratification

Item 8.7.1

To consider the ratify the introduction of new elective courses in M.Tech. (Communication Systems) and M.Tech. (VLSI & Embedded Systems) in the department of Electronics and Communication Engineering.

Note on Agenda:

The following elective courses were introduced as suggested by the members of board of studies conducted by the department of Electronics and Communication Engineering. It is recommended to the Academic Council for ratification. The syllabus is given in **Annexure 8.7.1**.

| Course Code | Course Name | Programmes |
|-------------|--------------------------|---------------------------------|
| ECBY46 | Evolutionary Computation | M.Tech – VLSI & Embedded System |
| ECBY47 | Microstrip Antennas | M.Tech. – COS |

The Academic Council may consider and ratify this item.

Resolution:

The Academic Council ratified the above item.

Items for Approval

Item 8.7.2

To consider and approve the minor revision carried out in certain theory, lab and elective courses for B.Tech. Electronics and Communication Engineering programme

Note on Agenda:

Minor modifications were carried out to update the contents of the syllabus in the following courses

Semester II

ECB1211 Network Analysis and Synthesis

ECB1212 Electron Devices

ECB1213 Electron Devices Lab

Semester III

ECB2101 Electronic Circuit I

ECB2104 Electronic Circuit I Lab

Semester IV

ECB2211 Electronic Circuit II

ECB2212 Digital Electronics

ECB2213 Analog Communication

ECB2215 Digital Electronics Lab

ECB2217 Communication Engineering Lab I

Semester V

ECB3103 Microprocessors and Microcontrollers

ECB3104 Transmission Lines and Antennas

ECB3106 Communication Engineering Lab II

ECB3107 Microprocessors and Microcontroller Lab

Semester VI

ECB3211 RF and Microwave Engineering

ECB3212 VLSI Design

ECB3214 VLSI Lab

ECB4105 Networks Lab

ECB4106 Embedded Systems Lab

Elective Courses

ECBX03 Telecommunication Switching Networks

ECBX05 Satellite Communication

ECBX17 Advanced Digital Signal Processing

ECBX19 DSP Architecture and Programming

The revised syllabuses for these courses are given in the **Annexure 8.7.2.**

Board of Studies approved and recommended the same to the Academic Council.

The Academic Council may consider and approve this item.

Resolution:

Mr. K. Bhaskar, Technical Manager, Embedur Systems, Chennai, informed that the naming of the course like Lab I, Lab II, etc. should be avoided.

After discussions, the Academic Council approved the above item.

Item 8.7.3

To consider and approve the introduction of new laboratory course and modification of syllabi for certain courses in M.Tech (Communication Systems) programme

Note on Agenda:

As suggested by the members of board of studies, the following changes recommended.

- Course ECB6103 - Modern Digital Communication Techniques is renamed as ECB6107 - Advanced Digital Communication Techniques is introduced in Semester I.
- ECB6105 - Communication System lab I is renamed as Communication System Lab
- .ECB6215 Communication System Lab II is replaced with ECB6217 - RF and Microwave Lab along with contents modifications.
- ECB6218 Mobile Communication Lab is introduced in Semester II

Minor modifications are carried out in the syllabi of the following theory courses.

Semester II

ECB6211 Mobile Communication Networks

ECB6212 Satellite Communication

ECB6213 Microwave Integrated Circuits

Elective Course

ECBY05 High Performance Communication Networks

ECBY11 Wireless Communications

ECBY17 Wireless Sensor Network

ECBY18 RF System Design

ECBY19 MIMO Systems

The curriculum and the revised syllabus of the courses are given in **Annexure 8.7.3**.

Registrar acknowledged and also informed that the reason for any change in curriculum and syllabus will be specified suitably.

After discussions the Academic Council approved the above item.

Item 8.5.3

To consider and approve the introduction of new elective courses for B.Tech (Computer Science and Engineering) programme with effect from the Academic year 2015-16 onwards.

Note on Agenda:

The following courses were suggested by staff members and decided to add as electives in B.Tech (Computer Science and Engineering) programme to provide an opportunity for the students to choose higher level electives to improve their technical skills and placement opportunities. The syllabus is enclosed in **Annexure 8.5.3**

- CSBX15 - Internet of Things
- CSBX47 - Multicore Architecture

The Board of Studies approved and recommended the same to the Academic Council for approval.

The Academic Council may consider and approve the item.

Resolution:

Prof. Syed Mahdi Abbas Rizvi, Prof. of Mech. Engg., Aligarh Muslim University, pointed out that proper analysis should be carried out in the right direction.'

Mr. Ashok Vasudevan, Managing Director, FESTO Controls Pvt. Ltd., informed that industry and feedback is also necessary for the introduction of new courses. In response to that Dr. R. Raja Prabu, Dean (Academic Research) told that each and every school has got advisory committee. In that Alumni, Industrial expert, Parent are all one of the members. The feedback also collected from them for any academic activity.

After discussions the Academic Council approved the above item.

Item 8.6.4

To consider and approve the revision of the syllabus - ITBY01 Advanced Database Management System of M.Tech. (Information Technology)

Note on Agenda:

The syllabus for the course ITBY01 - Advanced Database Management System was modified and also given in **Annexure 8.6.4**.

The Academic Council may consider and approve this item.

Resolution:

The Academic Council approved the above item.

Item 8.6.5

To consider and approve the inclusion of elective courses in M.Tech. (Information Technology)

Note on Agenda:

The following courses were suggested by staff members and added as electives in M.Tech (Information Technology) programme to provide an opportunity for the students to choose higher level electives to improve their technical skills and placement opportunities and given in **Annexure 8.6.5**.

1. ITBY26 - Multimedia Communication Networks
2. ITBY27 - Adhoc and Sensor Networks
3. ITBY28 - Multicore Architecture
4. ITBY29 - Virtualization Techniques
5. ITBY30 - Ontology and Semantic Web
6. ITBY31 - Principles of Programming Languages
7. ITBY32 - Big Data Analytics

The Academic Council may consider and approve the above item.

Resolution:

The Academic Council approved the above item.

Introduction of general elective

A general elective course in Plant Engineering is developed in consultation with the alumni who are working in reputed Industries.

The syllabus is given in **Annexure 8.8.3**.

The above items were approved by board of studies and recommended to Academic Council for approval.

The Academic Council may consider and approve this item.

Resolution:

The Academic Council approved the above item.

SCHOOL OF INFRASTRUCTURE

DEPARTMENT OF CIVIL ENGINEERING

ITEM 8.9

To consider the recommendations of the board of studies of the department of Civil Engineering.

Item for Ratification

Item 8.9.1

To consider and approve ratification of special electives in the curriculum and syllabi of M.Tech. Construction Engineering & Project Management

Note on Agenda:

In order to facilitate the Ph.D. scholars to study special courses, the following courses were introduced to the Ph.D. scholars of the department in M.Tech. Construction Engineering and Project Management curriculum from January 2015 onwards.

| Sl. No. | Course Code | Course Title | L | T | P | C |
|---------|-------------|--|---|---|---|---|
| 1. | CEBY79 | Ground Water and Drainage Engineering | 3 | 0 | 0 | 3 |
| 2 | CEBY80 | Geospatial Applications for Agriculture and Forestry | 3 | 0 | 0 | 3 |
| 3 | CEBY81 | Advanced Oxidation Process | 3 | 0 | 0 | 3 |
| 4 | CEBY82 | Environmental Reaction Engineering | 3 | 0 | 0 | 3 |
| 5 | CEBY83 | Environmental Bio Technology | 3 | 0 | 0 | 3 |

The syllabi for the above mentioned courses are enclosed in **Annexure 8.9.1**.