

## ACADEMIC YEAR 2015-16

### Analysis on Feedback from Employees: Action Taken Report

Date : 03.08.16

- I. Feedback from employees were received in the structured format and through department level meetings & BOS and analysed for further course of action.
- II. The salient points considered for further approval are:
  - a. A1 : Introduction of Lab integrated theory courses, 1/2 credit courses in professional electives.
  - b. A2 : Revision in curriculum & syllabus of M.Tech. programmes and related supporting department courses.
  - c. A3 : Introduction of courses emphasizing on Environmental Science & NSS.
  - d. A4 : Revision of programme outcomes and course outcomes for B.Tech. programmes
- III. Point A1 was taken care through agenda item 9.3.2 & 9.3.3 of Ninth meeting of Academic council held on 29.07.16.  
(Minutes of the 9<sup>th</sup> meeting of the academic council, page no. 5 & 6)
- IV. Point A2 was taken care through Item Nos. 9.7.1, 9.8.1, 9.8.2, 9.9.1 & 9.10.1 of 9<sup>th</sup> meeting of academic council.  
(Minutes of the 9<sup>th</sup> meeting of the academic council, page no. 17,18,19, 20 & 21 )
- V. Point A3 was taken care through agenda item 9.3.8 of Ninth meeting of Academic council held on 29.07.16.  
(Minutes of the 9<sup>th</sup> meeting of the academic council, page no. 9 & 10)



VI. Point A4 was taken care through agenda item 9.3.13 of Ninth meeting of Academic council held on 29.07.16.

(Minutes of the 9<sup>th</sup> meeting of the academic council, page no. 12)

**Annexure: Highlighted pages from minutes of 9<sup>th</sup> meeting of Academic Council.**

**Dean, Academic Affairs**

**ANNEXURE : 9<sup>th</sup> Academic Council Meeting Minutes**

**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 Ninth Meeting of the  
Academic Council  
(Correction Incorporated and Finalized)  
B.S.A. University, Convention Centre  
July 29, 2016**

## **Items moved by the Dean (Academic Affairs) for consideration and approval**

### **Item 9.3**

**To consider and approve the following Academic Items**

#### **Item 9.3.1**

**To consider and approve the introduction of slotted timetable.**

Implementation of Choice Based Credit System requires a Modular Scheduling framework. With the traditional Time Table it is not possible to offer real choice to the students. Many provisions of the existing regulations like offering language elective or students registering for additional courses, could not be implemented with the rigid class work scheduling.

After considering the implementation of modular timetable in various institutions including IIT Madras, the University formulated its own form of modular scheduling with 40 numbers of fifty minute periods grouped in 10 slots.

The slotted time table is given in Annexure 9.3.1.

This will come into effect from 1<sup>st</sup> August 2016 onwards.

The Academic Council may consider and approve the item.

#### **Resolution :**

Dr. V. Jagadeesh Kumar suggested that all core courses can be conducted in the morning session as far as possible. He insisted that as far as possible theory courses not be allotted in the afternoon sessions.

After detailed discussion the above item was approved.

#### **Item 9.3.2**

**To consider and approve the revised regulations of M.Tech./M.Sc./MCA Regulation, 2016.**

The postgraduate regulations of the University were formulated in the year 2009 and another revision was carried out in the year 2013. Again a major revision is being carried out in the regulations of all Post Graduate programs. The curricular framework is also thoroughly revised.

The major emphasis of revision is incorporating more flexibility in the regulation and framework. The salient features of the new regulations are

- Provision for 1 or 2 credit courses in the curriculum
- To the extent possible integrating Theory & Lab courses
- Provision for 2 days or 1 week course delivery by some international faculty or industry expert, which can be one credit or two credit elective
- Flexibility in course timings

The regulations for M. Tech. M.Sc . MCA – Regulations 2016 is enclosed in Annexure 9.3.2.

This will come in to effect from the Academic year 2016-17 onwards.

The Academic Council may consider and approve the item.

### **Resolution**

Members discussed in detail about the provision for the one credit courses in the new regulations. It was suggested that 1 credit courses shall have 15 – 16 periods and can span over a week.

Dr. V. Jagadeesh Kumar also suggested to reduce the number of credits for Masters Programmes and to drop courses in 3<sup>rd</sup> semester. This will facilitate the students to take project for one year and they can also concentrate on publication.

After detailed discussion the above item was approved.

### **Item 9.3.3**

#### **To consider and approve the revised regulations of M.B.A. Regulations 2016**

The postgraduate regulations of the University were formulated in the year 2009 and another revision was carried out in the year 2013. Again a major revision is being carried out in the regulations of all Post Graduate programs. The curricular framework is also thoroughly revised.

The major emphasis of revision is incorporating more flexibility in the regulation and framework. The salient features of the new regulations are.

- Changing the credit definition for courses to suit the trimester pattern
- Provision for substitute examination
- Provision for 1 or 2 credit courses in the curriculum
- To the extent possible integrating Theory & Lab courses
- Provision for 2 days or 1 week course delivery by some international faculty or industry expert, which can be a 1 credit or 2 credit elective

### **Item 9.3.7**

#### **To consider and ratify the amendment in the B.Tech Regulations 2009**

The regulation 2009 precedes Regulation 2013 and pertains to students who had completed their study in June 2016 or earlier. In regulation 2009, the continuous assessment marks earned by a student will always be counted whenever she / he writes that course examination as arrears. But for courses of first year alone, his / her marks will be computed (i) with continuous assessment marks and (ii) without it for 100 and the better of the two will be taken. This had created an anomaly and there were also representations from the students.

To remove this anomaly Vice Chancellor had approved to consider the better of the two marks for the award of the grades. The approval was granted on 21.01.2016.

This amendment is applicable only for students of 2009 regulation only and not for students of regulation 2013.

The existing clause of the regulation and the modified clause are given in Annexure 9.3.7.

This was implemented from January 2015 onwards, only for the students of 2009 regulation.

The academic council may consider and ratify the item.

#### **Resolution :**

Dr. V. Jagadeesh Kumar explained about the make-up examination followed in IITM. The members of the Academic Council have also discussed in detail about the substitute examination and Redo courses of our University.

After detailed discussion the above item was ratified.

### **Item 9.3.8.**

#### **To consider and ratify the inclusion of National Service Scheme as a General Elective Course and Effect certain changes in the Course GEB3201 Environmental Science & Engineering.**

The UGC has asked all Universities to offer course on National Service Scheme. Hence it was decided to offer a general elective Course GEBX263 National Service Scheme.

The course syllabus is given in Annexure 9.3.8 a.

The UGC has also asked the Universities to incorporate the ill effects of fireworks and upkeep of clean environment as a part of course on environmental science and engineering. Accordingly the part of 3<sup>rd</sup> module in the existing syllabus is modified by including the following part.

Chemistry behind fireworks – fireworks vs forest resources - Impact of fireworks – deforestation – air pollution – chemicals released – nitrate, chlorates and metal oxides - pollution of other environmental compartments - soil pollution - water pollution - surface water, ground water contamination - noise pollution – waste - solid waste – accident - safety measures against firework accidents.

The existing and modified course syllabus is given in Annexure 9.3.8 b.

This was implemented from January 2016 onwards.

The Academic Council may consider and ratify the item.

**Resolution :**

After detailed discussion the above item was ratified.

**Item 9.3.9**

**To consider and ratify the Annual Quality Assurance Report (AQAR) of the IQAC**

The University is accredited by National Assessment and Accreditation Council (NAAC) in May 2014 with A grade. As per the NAAC guidelines, the Annual Quality Assurance Report is to be uploaded in the University website and the same is to be communicated to NAAC. This mandate was complied with.

The Annual Quality Assurance Report 2015-16 of the IQAC is given in Annexure 9.3.9

The Academic Council may consider and ratify the item.

**Resolution :**

After detailed discussion the above item was ratified.

**Item 9.3.10**

**To consider and ratify the extension of Maximum Period of Study for Three B. Tech students**

The general electives of the B. Tech - Regulation 2013, are given as a single list and are to be offered in 7<sup>th</sup> and 8<sup>th</sup> semester of all B. Tech programs. To facilitate smooth conduct of examinations these electives are grouped into two groups. Accordingly new code numbers are given.

Moreover new General Electives are also added and the syllabus are also revised.

The new list of General Electives with new code numbers along with the revised syllabus are given in Annexure 9.3.12.

This was implemented during the summer term of 2016 (July-August 2016).

The Academic Council may consider and ratify this item.

#### **Resolution :**

After detailed discussion, the above item was ratified.

#### **Item 9.3.13**

**To consider and ratify the revision of Program Outcomes and Course outcomes of all B. Tech programs of the University.**

#### **Note on Agenda**

The National Board of Accreditation had come out with a new format for accrediting Tier I institutions from January 2016. In this new format, the Program Outcomes were predefined as 12 graduate attributes and the institutions were asked to formulate only 2-4 program specific outcomes (PSO).

Since the University was in the process of submitting Self Assessment Report (SAR) for 7 of its undergraduate programs, the program outcomes (PO) and program educational objectives (PEO) were revised in alignment with the NBA requirement.

Evaluating the attainment of course outcomes is a major change in the new format of NBA. Hence for all programs of the University the course objectives and outcomes were redefined. The outcomes were made specific and measurable.

The modified PSOs of various B. Tech programs are given in Annexure 9.3.13.

These changes were implemented from January 2016 onwards to facilitate the submission of SAR.



These revisions will be implemented from the Academic Year 2016-17 onwards.

The curriculum and the detailed syllabus for the two PG programs are given in Annexure 9.6.1.a and 9.6.1.b.

The Academic Council may consider and approve the item.

**Resolution :**

After detailed discussion, the above item was approved.

## **DEPARTMENT OF COMPUTER APPLICATIONS**

### **Item 9.7**

**To consider the recommendations of the Board of Studies of the Department of Computer Applications.**

#### **Item 9.7.1**

**To consider and approve the revision of curriculum and syllabi for the M.C.A. Program (Master of Computer Applications)**

#### **Note on Agenda**

As part of major revision in the curriculum of all PG programs of the University, the curriculum and syllabus of M.C.A. program were thoroughly revised. These revisions were discussed in the Board of Studies of the Department of Computer Applications and the board had recommended their approval.

These revisions will be implemented from the Academic Year 2016-17 onwards.

The curriculum and the detailed syllabus for the M.C.A. program is given in Annexure 9.7.1.

The Academic Council may consider and approve the item.

**Resolution :**

After detailed discussion the above item was approved.

#### **Item 9.7.2**

**To consider and approve the revision of curriculum and syllabi for the following UG programs**

B.C.A. (Mobile Applications and Information Security)

B.C.A. (Cloud Technology and Information Security)

B.Sc. – Computer Science

**Note on Agenda**

Taking into consideration the recent developments in the field of computer applications and to offer bachelors program with more industry relevance, three undergraduate programs are introduced from this academic year onwards.

The curriculum and syllabus of 3 new UG programmes to be offered by the Department of Computer Applications are formulated and discussed in the Board of Studies of the Department of Computer Applications and the board has recommended their approval.

These programs will be offered from the Academic Year 2016-17 onwards.

The curriculum and the detailed syllabus for the above 3 UG programs are given in Annexure 9.7.2.a, 9.7.2.b, and 9.7.2.c.

The Academic Council may consider and approve the item.

**Resolution :**

After detailed discussion, the above item was approved.

**DEPARTMENT OF MATHEMATICS AND ACTUARIAL SCIENCE**

**Item 9.8**

**To consider the recommendations of the Board of Studies of the Department of Mathematics and Actuarial Science**

**Item 9.8.1**

**To approve the revision of curriculum and syllabi for the program M.Sc. (Actuarial Science)**

**Note on Agenda**

The curriculum and syllabus of M.Sc. (Actuarial Science) program were revised and these were discussed in the Board of Studies of the Department Mathematics and Actuarial Science. The board had recommended their approval.

These revisions will be implemented from the Academic Year 2016-17 onwards.

The curriculum and the detailed syllabus for the program is given in Annexure 9.8.1.

The Academic Council may consider and approve the item.

**Resolution :**

After detailed discussion, the above item was approved.

**Item 9.8.2**

**To approve the revision of syllabi of the Mathematics courses for M.Tech Programs**

**Note on Agenda**

The mathematics courses to be offered for M.Tech programs were rationalized across programs. It was decided to offer 5 different Mathematics courses for various M. Tech Programs. These courses and their syllabi were discussed in the Board of Studies of the Department Mathematics and Actuarial Science and the board had recommended their approval.

These revisions will be implemented from the Academic Year 2016-17 onwards.

The curriculum and the detailed syllabi for all the program is given in Annexure 9.8.2.

**Resolution :**

After detailed discussion, the above item was approved.

## **SCHOOL OF ELECTRICAL AND COMMUNICATION SCIENCES**

### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

#### **Item 9.9**

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

#### **Item 9.9.1**

#### **Approval of revised Curriculum & Syllabi of**

M.Tech. (Power System Engineering) and

M.Tech (Power Electronics Drives)

#### **Note on Agenda**

As part of major revision in the curriculum of all PG programs of the University, the curriculum and syllabus of M. Tech Power System Engineering and M. Tech Power Electronics Drives programs were thoroughly revised. These revisions were discussed in the Board of Studies of the Department of Electrical and Electronics Engineering and the board had recommended their approval.

These revisions will be implemented from the Academic Year 2016-17 onwards.

The curriculum and the detailed syllabus for the two programs is given in Annexure 9.9.1.a and 9.9.1.b.

The Academic Council may consider and approve the item.

#### **Resolution:**

After detailed discussion, the above item was approved.

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

#### **Item 9.10**

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

### **Item 9.10.1**

#### **To consider and approve the revision of curriculum & syllabi of following programs**

M.Tech. (Communication Systems) and

M.Tech (VLSI & Embedded Systems)

#### **Note on Agenda**

As part of major revision in the curriculum of all PG programs of the University, the curriculum and syllabi of M. Tech Communication Systems and M. Tech (VLSI & Embedded Systems) programs were thoroughly revised. These revisions were discussed in the Board of Studies of the Department of Electronics and Communication Engineering and the board had recommended their approval.

These revisions will be implemented from the Academic Year 2016-17 onwards.

The curriculum and the detailed syllabi for the two programs is given in Annexure 9.10.1.a and 9.10.1.b.

The Academic Council may consider and approve the item.

#### **Resolution :**

After detailed discussion the above item was approved.

## **DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING**

### **Item 9.11**

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

#### **Item 9.11.1**

**To consider and approve the revision of curriculum & syllabi of M.Tech. (Electronics and Instrumentation Engineering)**

#### **Note on Agenda**

As part of major revision in the curriculum of all PG programs of the University, the curriculum and syllabus of M. Tech Electronics and Instrumentation