



ACADEMIC YEAR 2015-16

Analysis on Feedback from Employers: Action Taken Report

Date: 03.08.16

- A. Employers are members of Board of Studies (BOS) of Departments / Schools and also in School Level Advisory Committee (SLAC) meetings.
- B. In the academic year 2015-16, BOS and SLAC meetings were conducted during June – July 2016 and following points recommended by the employers was considered and recommended.
- ❖ E1 : Offering 1 /2 credit elective courses emphasizing on employability
 - ❖ E2 : Industry internship at UG and PG levels
 - ❖ E3 : Starting programmes in industry demand domains
 - ❖ E4 : Introduction of new professional and elective courses
- C. The point E1 & E2 was taken care through agenda item 9.3.2 & 9.3.3 of Ninth meeting of Academic Council held on 29.07.16.
(Page No. 5 & 6 of minutes of ninth meeting of Academic Council)
- D. Industry internship at P.G. level was approved in the revision of Curriculum & syllabi of M.Tech. in Structural Engg. & CEPM. Minutes of 7th meeting of BoS of Department of Civil Engineering which was held on 15.07.16 is attached as evidence for employer participation and further deliberations.
- E. Starting programme in industry demand domains are taken care through item no. 9.7.2 of Ninth meeting of Academic Council. (Page 17 & 18 of Minutes of Ninth meeting of Academic Council)
- F. The point E4 was taken care through revision of M.Tech. curriculum & syllabus vide agenda items Item no. 9.3.4, 9.5.1 & 9.8.2 of Ninth Academic Council.
(Page no. 7, 15, 16 & 19 of minutes of Ninth meeting academic council)

Dean, Academic Affairs

ANNEXURE : 9th 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 1st 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 3rd 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

- Flexibility in course timings

The regulations for M.B.A program – Regulations 2016 is enclosed in Annexure 9.3.3

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

The Academic Council may consider and approve the item.

Resolution

Dr. V. Jagadessh Kumar enquired about the trimester pattern of the MBA programme. He informed that all programmes are offered in semester pattern except Management Studies. He also suggested that MBA programme can have the four quarter terms. The council noted the suggestion for possible implementation in the future.

After detailed discussion the above item was approved by the members.

Item 9.3.4

To consider and approve the revised regulations of B.Arch programme - B.Arch Regulation 2016, the revised curriculum and syllabus.

The B. Arch regulation was revised in 2016. The changes incorporated were primarily to align the academic regulation in line with the general guidelines of Council of Architecture. Accordingly the curriculum and syllabus were also revised.

The revised regulation is given in Annexure 9.3.4.(a)

The revised curriculum and syllabus are given in Annexure 9.3.4.(b).

The new regulation, curriculum and syllabus are to be implemented from August 2016 onwards.

The Academic Council may consider and approve the item.

Resolution :

After detailed discussion the above item was approved.

Item 9.3.5

To consider and approve the amendment in clause 13.1 of UG B.Tech Regulation 2013 on awarding marks for attendance

The Ph. D regulation 2009 and the Regulation 2016 are given in Annexure 9.4.

The revised regulation – Regulation 2016 will be effective for the batch of students admitted from July 2016 onwards.

The Academic Council may consider and approve the item.

Resolution :

Dr. V. Jagadeesh Kumar suggested that a safety clause enabling the Vice Chancellor to effect any revision in the regulation and also to give exemptions are to be added explicitly in the regulations.

The academic council after deliberations approved the Ph.D. Regulations 2016.

Items moved by the Heads of the Departments and Deans of Schools

SCHOOL OF COMPUTER, INFORMATION AND MATHEMATICAL SCIENCES

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Item 9.5

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

Item 9.5.1

To approve the revision of curriculum and syllabi for the following programs

M.Tech (Computer Science and Engineering)

M.Tech (Software Engineering)

M.Tech (Network Security) and

M.Tech (Computer Science and Engineering with specialization in Big Data Analytics)

Note on Agenda

As part of major revision in the curriculum of all PG programs of the University, the curriculum and syllabus of the above four M. Tech programs were thoroughly revised. These revisions were discussed in the Board of Studies of the

Department of Computer Science and Engineering and the board recommended their approval.

The curriculum and the detailed syllabus for all the four PG programs are given in Annexure 9.5.1.(a), 9.5.1. (b), 9.5.1.(c) and 9.5.1. (d).

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

The Academic Council may consider and approve the item.

Resolution :

Members discussed in detail about the Programme M.Tech. (Computer Science and Engineering with specialization in Big Data Analytics)

Dr. V. Jagadeesh Kumar suggested that the nomenclature of the program is confusing and suggested that it can be either M.Tech Computer Science and Engineering or M.Tech Big Data Analysis

After detailed discussion, the above item was approved.

DEPARTMENT OF INFORMATION TECHNOLOGY

Item 9.6

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

Item 9.6.1

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

M.Tech. (Information Technology) and

M. Tech (Information Security and Digital Forensic)

Note on Agenda

As part of major revision in the curriculum of PG programs of the University, the curriculum and syllabus of M. Tech Information Technology and M. Tech (Information Security and Digital Forensic) programs were thoroughly revised. These revisions were discussed in the Board of Studies of the Department of Information Technology 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 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.

B.S. ABDUR RAHMAN UNIVERSITY

SCHOOL OF INFRASTRUCTURE

Department of Civil Engineering

Seventh Board of Studies Meeting

Venue : Seminar Hall III, Convention Centre Date : 15.07.2016, 10 a.m.

Minutes of the 7th Meeting of Board of Studies held on 15th July, 2016

The Seventh meeting of the Board of Studies of the Department of Civil Engineering was held on 15.7.2016, at 10.00 a.m in the Seminar Hall III, Convention centre, B.S. Abdur Rahman University. The following members were present.

Expert Members

Mr. B.Suresh, President & CEO and Whole Time Director, Mahindra Consulting Engineers Limited, Chennai

Dr K.P Jaya, Professor, College of Engineering, Guindy, Anna University, Chennai

Internal Members

Dr. P. Vasanthi ,Professor & Head, Department of Civil Engg. 

Dr. M.S. Haji Sheik Mohammed, Professor & Dean, School of Infrastructure

Dr. E. Rasul Mohideen, Professor 

Dr. J. Revathy, Professor 

Dr. V. Vandhana Devi, Associate Professor 

Dr.K.Yogeswari, Associate Professor

Mr. Md D.Shanawaz,Asst Professor(S.G)

Special Invitees

Mr. S.Kavin Kumar,Director,EPMCR,Chennai

Mr. K. S. Chandrasekaran, Retd Superintendent, Social Welfare Dept, Chennai

Dr. V.M. Periasamy, Vice Chancellor

Dr. P. Gajalakshmi, Associate Professor

Ms.V.Roopa, Assistant Professor

Note : Dr. M.V. Molykutty, Professor have not attended the meeting due to health reasons.

Dr. P. Vasanthi, Chairman, BOS, extended a cordial welcome to all the members of Board of Studies. She briefed the members about the importance of redesigning the curriculum and syllabi of M.Tech in Structural Engineering and M.Tech in Construction Engineering and Project Management under flexible mode .The need for reframing the programme educational objectives and programme outcomes of B.Tech Civil Engineering M.Tech in Structural Engineering and M.Tech in Construction Engineering and Project Management programmes as per NBA criteria including graduate attributes was also appraised to the experts. After the introductory remarks, the agenda items were taken up for discussion by the members of the Board of Studies.

ITEM 7.1

To consider and approve the Program Educational Objectives and Programme outcomes of M.Tech. in Structural Engineering.

*After detailed discussions, it was resolved to approve the programme educational objectives and programme outcomes of **M.Tech Structural Engineering** and recommend the same for approval by the Academic Council of the University. **This will come into effect from the academic year 2016 – 2017 onwards.***

The PEOs and POs are enclosed in **Annexure 7.1.1.**

ITEM 7.2

To consider and approve the Curriculum & Syllabi for M.Tech Structural Engineering

*After detailed discussions, it was resolved to approve the curriculum & syllabi for the M.Tech programme in Structural Engineering with the following suggestions incorporated and recommend the same for approval by the Academic Council of the University. **This will come into effect from the academic year 2016- 17 onwards.***

The curriculum & syllabi is enclosed in **Annexure 7.2.1.**

The following suggestions were put forth by the BOS members:

- The course 'Internship' can be modified as "Internship / MiniProject " to facilitate working professional to select 'Mini Project'" instead of internship.
- The Professional elective courses such as Behaviour of RC structures, Chemistry of Cement and Concrete and FRP composites for structures can be offered for Ph.D scholars.
- Electives for the particular semester as per the pre requisite needed.
- The course Green Building and Energy Efficient Structures can be offered as professional elective course.
- Earthquake Engineering and training on latest softwares to be included.
- Core courses to be increased
- Knowledge on 'Earthquake Engineering' and training on 'latest software' to be offered to students.
- Core courses to be increased to cater the specific needs of the programme.

ITEM .7.3

To consider and approve the Program Educational Objectives and Programme outcomes of M.Tech. in Construction Engineering & Project Management.

*After detailed discussions, it was resolved to approve the programme educational objectives and programme outcomes of **M.Tech. in Construction Engineering & Project Management** and recommend the same for approval by the Academic Council of the University. This will come into effect from the academic year 2016 – 2017 onwards.*

The PEOs and POs is enclosed in **Annexure 7.3.1**.

ITEM 7.4

To consider and approve the Curriculum & Syllabi for M.Tech Construction Engineering & Project Management.

After detailed discussions, it was resolved to approve the curriculum & syllabi for M.Tech. in Construction Engineering and Project Management and recommend the same for approval by the Academic Council of the University incorporating the following suggestions. This will come into effect from the academic year 2016 – 2017 onwards.

The following suggestions were put forth by the BOS members:

- The course 'Planning and Scheduling project' can be renamed as mini project.
- The course 'Internship' can be modified as "Internship / Seminar" to facilitate working professional to select 'Seminar' instead of internship.
- The course 'Construction Economics and Finance' can be offered as a core course.
- The course 'Construction Project Management' to be renamed to suit the syllabus contents.
- The Professional Elective Course 'Low Cost Housing' to be renamed as "Affordable Housing".
- The topics on smart cities can be included as a module in the course 'Urban Planning and Design'.
- Core courses to be increased to cater the specific needs of the programme.

The syllabus is enclosed in **Annexure 7.4.1**.

Item 7.5

To consider and approve the revision of the POs for B.Tech (Civil Engineering)

After detailed discussions, it was resolved to approve the programme outcomes of B.Tech. Civil Engineering and recommend the same for approval by the Academic Council of the University. This will come into effect from the academic year 2016 – 2017 onwards.

The POs are enclosed in **Annexure 7.5.1**.

Item 7.6

To consider and approve the revision of the Mission of the department of Civil Engineering)

After detailed discussions, it was resolved to approve the Mission of the department and recommend the same for approval by the Academic Council of the University. This will come into effect from the academic year 2016 – 2017 onwards.

The Mission of the department of Civil Engineering is enclosed in **Annexure 7.6.1**.

ITEM NO.7.7

To ratify the following courses which were offered as electives in Construction Engineering and Project Management for Ph.D candidates.

The following electives were proposed for the M. Tech Programme in Construction Engineering & Project Management. These electives were offered for the Ph.D scholars of the department. Ratification of these courses is requested.

CODE	COURSE	L	T	P	C
CEBY86	Groundwater Modelling and Management	3	0	0	3
CEBY87	Advanced Groundwater Hydrology	3	0	0	3
CEBY88	Adsorption and Kinetics	3	0	0	3

This was agreed by all the members of the BOS. The syllabus for the above courses is enclosed in **Annexure 7.7.1**.

Vasanthi P
15/7/16

Dr.P.Vasanthi

HOD/Civil Engineering

M. S. Hajr Sheikh Mohammed
10/7/16

Dr. M. S. Hajr Sheikh Mohammed
Dean, SOI