



ACADEMIC YEAR 2015-16

Analysis on Feedback from Parents: Action Taken Report

Date : 03.08.16

- A. Feedbacks were received from parents about teaching – learning process, curriculum & syllabus of the programmes during a. Interaction during parents – teacher meeting, and b. During their participation in the meetings of Board of studies and School level advisory committee meetings.
- B. The following are the feedbacks shortlisted based on feedback from students:
- S1 : Offering compulsory industry internship for M.Tech. students.
 - S2 : Offering 1 / 2 credits in the M.Tech. curriculum
 - S3 : Courses with more focus on employment opportunities.
 - S4 : Introduction new professional and elective courses.
- C. The points S2 was considered for approval after placing them in the Ninth meeting of Academic Council through agenda item 9.3.2 (Page no. 5 & 6); and School level advisory committee meetings (SLAC). The sample SLAC minutes of School of Infrastructure which was held on 28.06.16 with parents participation which emphasizes on Compulsory Internship for M.Tech. is attached as annexure as evidence for action taken on Point S1.
- D. Introduction of new and professional electives; and courses on employability opportunities were taken care through agenda item 9.14.1 & 9.17.2 (Page no. 24,25 & 28).

Dean, Academic Affairs

Annexure

SLAC FILE

B.S. ABDUR RAHMAN UNIVERSITY

Vandalur, Chennai - 600048

SCHOOL OF INFRASTRUCTURE

DEPARTMENT OF CIVIL ENGINEERING

Minutes of the School Advisory Committee Meeting

Venue : Seminar Hall, Department of Civil Engineering

Date & Time : 28.06.16, 10 a.m.

The meeting of the School Advisory committee of School of Infrastructure was held on 28.06.16, at 10.00 a.m in the Seminar Hall, Department of Civil Engineering, B.S. Abdur Rahman University. The following members were present.

Expert Members

- Dr. G. M Samuel Knight, Former Professor & Head, Structural Engineering Division, Director CPDE, CEG, Anna university
- Dr. M. Helen Shanthi, Professor & Programme Chair, M.Tech. Structural Engineering, VIT, Chennai Campus
- Mr. S. Subramaniam, Chief Consultant, M/S. Kannimar Consultants, Chennai.
- Ms. K. Revathi, DGM (Tender), M/S. ECCI Pvt. Ltd., Chennai

Internal Members

- Dr. M.S. Haji Sheik Mohammed, Dean, School of Infrastructure & Convenor
- Dr. P. Vasanthi, Professor & Head, Department of Civil Engg.
- Dr. J. Revathy, Professor
- Dr. P. Gajalakshmi, Associate Professor
- Dr. V. Vandhana Devi, Associate Professor
- Dr. K. Yogeswari, Associate Professor
- Ms. S. Mahalakshmi, Assistant Professor
- Ms. V. Roopa, Assistant Professor
- Mr. K. Jagadeesh, Assistant Professor

Parent Invitees

Mr. R. Murugesan

Mr. S.S. Akbar Sha

Alumni

Ms. Dyana Josline, Ph.D. Scholar, IIT Madras

Ms. D. Gunasri, M.Tech. CEPM

Student Representatives

Ms. J. Ranina Jeyanthi, M. Tech. CEPM (II year)

Mr. J. Mohamed Musthafa, , M. Tech. CEPM (II year)

Mr. D.Goutham, , M. Tech. CEPM (II year)

Mr. Mir Hasnain Ali Razvi, B.Tech.(IV year)

Mr. Muhammad Uzair Dulvi, B.Tech.(IV year)

Note : Dr. M.V. Molykutty, Professor, Department of Civil Engineering expressed her inability to attend the meeting due to pre assigned works.

Dr. M.S. Haji Sheik Mohammed, Chairman, School Advisory Committee, extended a cordial welcome to all the members. He briefed the members about the salient features of the Department of Civil Engineering, B.S. Abdur Rahman University, various programmes offered and recent achievements. After the introductory remark, the agenda items were taken up for discussion by the members of the School Advisory Committee.

Agenda No. 1

- M.Tech. Structural Engineering - Curriculum and Syllabus Revision

The proposed curriculum & syllabi which was coined after detailed deliberations in the department level meetings is presented before the committee. The following suggestions were received from the committee members after detailed discussions.

- ❖ The course "Research Methodology" can be removed from the curriculum since this will be helpful for students who were going to pursue Ph.D. programme. The M.Tech. students will not benefit much as it consumes one programme specific core course or professional elective.
- ❖ The course 'Seminar' can be included the II semester curriculum instead of design project.

- ❖ The course 'Experimental Techniques and Instrumentation' can be offered as 3 credit course with 2 lecture hours and 2 practical hours per week.
- ❖ The course 'Seminar' can be introduced in the II semester curriculum instead of 'Design project'. Since it is felt that students are going to perform 'Project Phase I' in 3rd semester and fourth semester is completely devoted for 'Project phase II', an additional 'Design Project' course in the 2nd semester is not required.
- ❖ The course 'Finite Element Method for Structural Engineering' can be offered as 3 credit course with 2 lecture hours and 2 practical hours per week.
- ❖ The course 'Design of Substructures' which is found in the programme core can be moved to professional electives to facilitate accommodating programme specific courses.
- ❖ The knowledge on software such as ETABS and STAADPro to be included in the syllabi of relevant courses so that to mould the students employable.
- ❖ A course deals with intense structural analysis & detailing to be introduced.
- ❖ One month internship at the end of 2nd semester study is really necessary to have feel on construction site conditions and to be augmented.
- ❖ Professional elective courses to be reviewed completely. The courses not popular among the students / not opted by students continuously shall removed and additional elective courses to be introduced.
- ❖ The syllabus content of courses repeatedly opted by the students to be critically reviewed and fine tuned / modified.
- ❖ Reference book details given for every course to be reviewed and latest editions to be included.

Agenda No. 2

- M.Tech. Construction Engineering & Project Management – Curriculum and Syllabus Revision

The proposed curriculum & syllabi which was formed after detailed deliberations in the department level meetings is presented before the committee. The following suggestions were received from the committee members after detailed discussions.

- ✘ In the first semester curriculum, the basic courses such as modern construction materials and practices and project management to be introduced.

- ✘ The course 'Construction Quality and Safety Management' which is found in the 1st semester curriculum shall be moved to higher semester.
- ✘ The course 'Project appraisal and formulation' can be renamed as 'Construction Economics'.
- ✘ Professional elective courses to be reviewed completely. The courses not popular among the students / not opted by students continuously shall be removed and additional elective courses to be introduced.
- ✘ The syllabus content of courses repeatedly opted by the students to be critically reviewed and fine tuned / modified.
- ✘ Reference book details given for every course to be reviewed and latest editions to be included.

Agenda No. 3

- B.Tech. Civil : Curriculum & Syllabus - Overview

The committee reviewed the entire curriculum and syllabus frame work of B.Tech. Civil Engineering programme and satisfied with the selection of core courses and composition of elective courses.

It is felt that the course 'Industrial Internship' in the seventh semester shall be removed from the curriculum.

Agenda No. 4

- Review of Vision & Mission of the Department, Programme Educational Objective & Outcome of B.Tech. Civil, M.Tech. SE & CEPM.

The committee reviewed the Vision & modified Mission of the Department, PEO's & Modified Programme outcome of B.Tech. Civil Engineering, M.Tech. Structural Engineering and M.Tech. Construction Engineering & Project Management. The committee suggested minor modifications and in general satisfied with the content and frame work.

It is also emphasized to visit the vision & mission, Programme PEO's & PO's of leading academic institutions worldwide for further fine tuning.

Agenda No. 5

Any other Matter

- One Month Compulsory Internship for B.Tech. Students
-

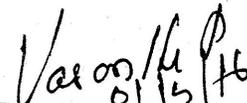
- Laboratory Oriented Theory Courses – Syllabus Design & Evaluation issues
- Project Based Learning – More insight
- Compulsory publication for M.Tech. Students
- One credit / two credit courses – Practical issues

The suggestions came out after detailed deliberations are as follows:

- One month compulsory industry internship for B.Tech. Students is not warranted since they are expected to do the site oriented job after their graduation. Moreover industry did not expect the same from the fresh graduate.
- Compulsory industrial internship for M.Tech. students is emphasized. Since mostly they will be working in design office / construction management firms, one month internship will make them appreciate different activities going on in a construction site.
- The concept laboratory oriented theory courses is well received. The necessity of aligning modulus of syllabus with associated lab classes to be done after meticulous exercise.
- The concept of project based learning is well received. Monitoring mechanism to ensure implementation is emphasized.
- The students can be insisted to present their project work in the national or international conferences rather than publishing in journals. since publishing in reputed journal will take long time and practically not possible to complete within the programme period.
- In the case of one credit and two credit course, faculty workload shall be considered based on contact hours and not to be considered as single course.

At the end of the meeting, feedback was received from the stakeholders on PEO's & Program outcome, curriculum & syllabus content, industrial relevance of courses offered etc.

Date : 01.07.16


(Dr. P. Vasanthi)
HOD /Civil Engg.


(Dr. M.S. Haji Sheik Mohammed)
Dr. ~~Dr. M.S. Haji Sheik Mohammed~~ MOHAMMED
Ph.D., M.S., M.ASCE, M.SAEST, M.ICI
Professor & Dean,
School of Infrastructure
B.S. Abdur Rahman University
Vandalur, Chennai, INDIA

✓ Copy to : Dean (Academics)

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**

Item 9.13.1

To approve the revision in the syllabus of B.Tech Aeronautical Engineering

Note on Agenda

Minor modifications in the syllabus of AEB1211 Fluid Mechanics and AEB1212 Introduction to Aeronautical Engineering of B.Tech Aeronautical Engineering program were carried out to make the syllabus up to date, without affecting the curricular structure. The course objectives and outcomes were also redefined.

The revisions were discussed in the Board of Studies of the Department of Aerospace Engineering and the board had recommended their approval.

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

The revised syllabus for the above courses is given in the Annexure 9.13.1

The Academic Council may consider and approve the item.

Resolution :

The above item was approved by the Academic Council.

DEPARTMENT OF AUTOMOBILE ENGINEERING

Item 9.14

To consider the recommendation of Board of Studies of Department of Automobile Engineering

Item 9.14.1

To consider and approve the introduction of following new professional and general electives

Automotive Pollution Control

Motor Vehicle Act and Insurance

Vehicle Maintenance

Note on Agenda

The above general and professional electives were introduced in the B.Tech Automobile Engineering program. The syllabus were thoroughly discussed in the Board of Studies of the Department of Automobile Engineering and the board has recommended their approval.

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

The detailed syllabus for the above courses is given in the Annexure 9.14.1

The Academic Council may consider and approve the item.

Resolution :

Members discussed in detail the possibility of new professional and general electives that may be offered under the respective departments.

The above item was approved by the Academic Council.

Item 9.14.2

To approve the introduction of Ph.D. level courses

Automotive Chassis

Automotive Engine and Subsystems

Automotive Transmission

Note on Agenda

The above Ph.D. level courses were recommended by the Doctoral Committees of various research scholars of the Department of Automobile Engineering. The syllabus were formulated and discussed in the Board of Studies of the Department of Automobile Engineering and the board has recommended their approval.

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

The detailed syllabus for the above courses is given in the Annexure 9.14.2

The Academic Council may consider and approve the item.

revisions were discussed in the Board of Studies of the Department of Management Studies 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.B.A. program is given in Annexure 9.17.1

The Academic Council may consider and approve the item.

Resolution :

The above item was approved by the Academic Council.

Item 9.17.2

To consider and approve the syllabus for the following courses to be offered to other programs

Fundamentals of project management (B.Tech Program)

Entrepreneurship Development (B.Tech Program)

Supply Chain management (B.Tech Program)

Essentials of Management for Computer Professionals (MCA)

Management Functional Areas and Information Systems (MCA)

Note on Agenda

Syllabus for the above mentioned courses were formulated and presented in the Board of Studies of the Department of Management Studies. These revisions were discussed in the Board of Studies of the Department of Management Studies 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.B.A. program is given in Annexure 9.17.2

The Academic Council may consider and approve the item.

Resolution :

The above item was approved by the Academic Council.