

Draft Minutes of 58th Meeting of Senate of PEC University of Technology, held on 17.07.2014 at 12:00 noon in the Conference Hall of PEC University of Technology, Chandigarh

The following members were present

1. Prof. Manoj K Arora
2. Prof. P K Raina
3. Prof. Sanjeev Sofat
4. Dr. (Ms.) N R Prakash
5. Prof. Parveen Kalra
6. Dr. R R Singh
7. Prof. Ajay Mittal
8. Prof. Uma Batra
9. Prof. Kishori Lal
10. Dr. Balwinder Singh
11. Dr. Jagtar Singh Gill
12. Dr. Umesh Sharma
13. Dr. D R Prajapati
14. Dr. Kamal Kumar
15. Sh. Sushil Kumar
16. Dr. Seema Vasishta
17. Prof. Ashwani Kumar

In attendance (Special Invitee)

1. Prof. Sanjeev Sofat
2. Prof. Parveen Kalra
3. Prof. A K Lall
4. Dr. Neelu Jain

Under Leave of absence

1. Prof. Shiv Narayan
2. Dr. R M Belokar
3. Sh. Parmod Relhan
4. Prof. Vasundhara Singh
5. Prof. Neena Gupta
6. Prof. Siby John
7. Dr. Deepak Bagai
8. Prof. R Sehmi
9. Prof. A. Manna

Before the formal commencement of the meeting, the Senate recorded its appreciation for all the committees involved in formulating the revised curriculum and syllabi for various courses.

The agenda was taken up thereafter and the following decisions were taken:

Item No.	Particulars	Decision
58.1	To confirm the minutes of 56 th meeting held on 30.4.2014, 57 th meeting held on 17.6.2014 and three emergent	Minutes of 56 th meeting held on 30.4.2014, 57 th meeting held on 17.6.2014 and three emergent meetings held on 6.3.2014, 20.5.2014 and 9.6.2014 were confirmed.

	meetings held on 6.3.2014, 20.5.2014 and 9.6.2014, respectively.	
58.2	Follow up action on the previous Senate meetings.	<p>Follow-up action on the previous meetings was noted. The concerned officers (DAA/ Heads of the departments/ Chairpersons of Committees/ Coordinators) were requested to expedite action wherever it was pending.</p> <p>It was also requested that the Registrar office should be kept informed of the action taken in respect of various items.</p>
58.3	To freeze the courses for all semesters and syllabi of courses for first year of the UG Programme under the new curriculum to be followed w.e.f. the session 2014 - 15	<p>The courses to be offered in various semesters and the course contents of courses being offered in 1st year were considered by the Senate and the following observations were made:</p> <p><u>General Observations:</u></p> <ol style="list-style-type: none"> 1. The format of all the syllabi needs to be made uniform. The office of DAA will fix a template for the same and the syllabi of all courses would be published according to that template. The soft copy of syllabi shall be made available to DAA office by all the departments and final formatting shall be done at one place. 2. The lecture-wise break up of all courses must be given and the total number of lectures for any course must be equal to the number of lecture classes available in the semester (14 weeks). 3. The Departmental Elective courses (DEC) have been divided into two groups. Group I may include courses which are common for all the specializations whereas Group II may

		<p>include courses which relate to different specializations offered by the respective department.</p> <ol style="list-style-type: none"> 4. Engineering Analysis & Design is to be taught to all BE students in the 2nd year (i.e. 4th semester of the programme). Every department will design its own course for the purpose and name it suitably. 5. In Table 1 of Annexure 58.3.3, following corrections may be made: <ol style="list-style-type: none"> i) LTP specification is to be corrected for Basic Science Courses. ii) Course No. 5 under ESC to be named as Basic Electrical Science. iii) Course No. 7 under ESC to be named as Materials Science and Engineering. iv) Course No. 11 under ESC to be named as Information Technology. v) More courses on Languages (Indian & Foreign), Philosophy, Behavioral Sciences etc. may be planned under Humanities & Social Sciences in future. vi) The course 'Business Principles' presently shown under the Humanities & Social Sciences will come under Management studies and may be renamed as 'Principles of Management'. 6. Course Objectives and Outcomes must be specified in the syllabus of each course. 7. The syllabi should list 2-3 Text Books and 5-6 Reference Books for a course. Year of publication of books may also be specified. 8. Each department must choose and specify Humanities and Social Sciences Elective Course (HSSC) to be taught in 1st semester of 2nd year of its programme (i.e. 3rd semester of the programme) and 2nd Semester of 4th Year of its programme (i.e. 8th Semester) 9. The course on Introduction to (Discipline)
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engineering being offered by every department should normally be taught by an experienced faculty, so as to kindle the interest of students in engineering. The course should cover the entire development of the particular branch of engineering starting from the primitive stage to the advanced technology of present times.

10. The full semester internship in the 6th semester of the programme is to be called 'Internship' only and should not be named as 'Summer Internship' as has been done by some departments.

Specific Observations:

1. In the Communication Skills (Basic and Advanced) Courses, the number of practical sessions should be shown as 14 (each of 2 hours) and not 28.
2. The conduct of the course, 'Introduction to Environmental Sciences' is to be coordinated by the Civil Engg. Deptt. at PEC. Faculty may be drawn from Chemistry Section of Applied Sciences department and / or Panjab University, as per the requirement to teach this course. Its syllabus needs to be properly delineated for 42 lectures.
4. The course on 'Molecular and Nuclear Physics' under Physics is dropped.
5. The contents of courses in Chemistry basket need to be squeezed and properly formatted to fit within 2 pages for each course.

		<ol style="list-style-type: none">6. Contents of 'Mechanics' course under Physics need to be revised in consultation with the departments which are opting for it.7. The Department Electives of Civil Engg. Deptt. may include a course on Engineering Geology to be taught by faculty from Applied Sciences Deptt.8. Under Minor Specialization Courses of Civil Engg. Deptt., the course on 'Building Science' may be replaced by a course on 'Geomatics Engg.'9. The Open Elective Course, 'Remote Sensing and GIS' being offered by Civil Engg. Deptt. may be renamed as 'Remote Sensing and GIS for Engineering Applications'.10. In case of structure of BE (Aerospace), the 'Numerical Analysis' course is to be included in place of 'Optimization Techniques' in the 2nd Sem, and 'Electromagnetic Theory' in place of 'Mechanics' in the 1st Semester.11. The Electrical Engineering Department may consider having a course on Engg. Drawing in its curriculum.12. The Electronics and Communication Engg. department should examine the overlap of 'Mechatronics' course with other courses in its curriculum and if deemed fit, may replace 'Introduction to Mechatronics' by 'Introduction to Manufacturing' course is a course from the Engg. Science course basket.
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58.4	To consider the regulations regarding Academic Performance, Academic Probation & Termination of BE programmes in view of new UG Curriculum.	The amendments proposed in the regulations of UG programmes related to Academic Performance/ Probation and Termination were approved. However, it was decided that the credits for Co-curricular courses should not be counted towards maximum credit requirements for continuation of the programme. The final regulations are attached as Annexure 58.4.1 . The Amended regulations shall be applicable to students admitted from the session 2014-2015 onwards.
58.5	To consider the regulations regarding academic requirements for M.E programmes in view of new P.G. curriculum and grading system.	The amendments proposed in the regulations regarding academic requirements for M.E programmes were approved (Annexure 58.5.1). The Amended regulations shall be applicable to students admitted from the session 2014-2015 onwards
58.6	To consider Semester leave to Satinder Pal Singh Sandhu (SID 11107049) of Mech. Engg. Deptt.	It was decided that the Head of Mech. Engg. Deptt. will talk to the parents of Mr. Satinder Pal Singh Sandhu and apprise them of his situation regarding the credits and CGPA earned so far, and the time available for completing the degree requirements. Based upon this discussion, the case may be taken up by DAPC. The final recommendation of DAPC shall be submitted through IAPC to Chairman Senate for approval.

Meeting ended with a vote of thanks to the Chair.