Minutes of 69th meeting of the Senate of PEC University of Technology, Chandigarh

A   Brief of meeting and participants:

Date	13.12.2016 (Tuesday)
Time	3.00 p.m.
Venue	Seminar Hall-I, New Academic Block, PEC Campus, Sector-12, Chandigarh
In-Chair	Prof. Manoj Kumar Arora, Director, PEC University of Technology
List of Participants	May be seen at Flag 'A'

B.   The brief of proceedings is as follows:

Item No.	Item	Decision
69.1	To confirm the minutes of the 68th meeting of Senate held on 14.10.2016.	Confirmed
69.2	**Pending action of previous Senate meetings and follow-up action of 68th meeting of Senate** **a) 65th meeting dated 22.12.15** Regarding Agenda Item No. 65.2.2(c), a committee was constituted to review the structure of ME courses & other observations in this regard by BOG. **b) 67th meeting dated 03.06.2016** Regarding Agenda Item No. 67.6, a committee was constituted to review the cut off criteria under the new grading system. **c) 68th meeting dated 14.10.2016** Regarding Agenda Item No. 68.8 to consider revision in credit distribution of 6th semester internship of UG students	Regarding Agenda Item No. 65.2.2(c), Committee has conveyed that report will be submitted by 31st December,2016 Regarding Agenda Item No. 67.6, observations of the Committee constituted for cut off criterion have been received. The observations have been sent to Committee constituted for analyzing mark criteria in new grading system under Agenda Item No. 65.2.2(a). Committee has conveyed that the report will be submitted by 31st December 2016. The committee constituted for this purpose submitted its report. The matter was taken up as a table agenda in the Senate. After detailed deliberations, the

		Senate has accepted the proposal which deliberates on three aspects of internship namely allocation, monitoring and evaluation. The details of the approved guidelines are given in *Annexure – I*.
	Any other item: It was informed that NAAC is not undertaking accreditation due to name of the institute i.e. PEC University of Technology. Regarding name of University it was informed to the House that earlier also an effort was made and comments of departments were sent vis.a.vis change in the name of the institute. It was decided that departments shall again send the recommendations to DAA on the issue.	Recommendations have been received from all departments. Eight departments recommended that the name of PEC University of Technology may be changed to Punjab Engineering College, Chandigarh (Deemed University). The Senate approved the name of the institute as Punjab Engineering College, Chandigarh (Deemed University). Accordingly, recommendations be sent to BOG.
69.3	**To consider award of Young Faculty Fellowship under Visvesvaraya Young Faculty Fellowship Ph.D. Scheme.** There is provision of award of Young Faculty Fellowship under Visvesvaraya Ph.D scheme. A committee was constituted comprising of Dr. Praveen Kalra, Dr. Rajesh Bhatia and Dr. P.S Satsangi. Three applications of faculty member were received and after consideration the committee recommended the name of Dr. Divya Bansal of Computer Science Department for award of fellowship.	Approved as proposed
69.4	**To consider shifting of course of PG programmes from 3rd semester to 2nd semester.** In order to enable ME students to carry out Dissertation work in industry, it is proposed to shift courses of "Seminar & Technical Writing" and "Case History & Industry Experiences" to 2nd semester.	Approved. The departments may opt for shifting of these courses to 2nd semester. The modified scheme would be implemented w.e.f. 2016-17 session.
69.5	**To consider policy of credit transfer for UG & PG students**: Under a choice based credit system of education it is felt that the institute should	After detailed deliberation the Senate approved the policy in principle. However, additional considerations like ranking of the institute for which credit transfer is permitted and exemption from

	provide a framework promoting and facilitating the mobility of its students across different foreign universities. Efforts in this direction are currently being undertaken with Universities in Taiwan.	tuition fee needs to be incorporated. The implementation action plan shall be worked out by the office of DAA.
69.6	**To consider extension of Ph.D Scholarship upto 5th years** As per the notification of MHRD Department of Higher Education (F No :-17-2/2014-T.S-I, dated 01.09.2016) the duration of fellowship has been extended to 5th year and therefore Ph.D scholars with M.Tech Degree holders will be eligible for fellowship for a period of 5 years. The full time Ph.D Scholars admitted through GATE may be allowed to draw assistantship / fellowship for the 5th year subject to satisfactory performance.	After detailed deliberation the Senate referred the case to the Standing Committee of Senate. The committee would submit its report by 11.1.2017.
69.7	**To consider direct admission of B.E./ B. Tech candidates to Ph.D programme:** As per decision taken by the Senate in its 59th meeting and follow–up in 68th meeting regarding direct admission of B.E. / B.Tech candidates to Ph.D. program, it was suggested that detailed discussion should be held at department level regarding direct admission of B.E/ B. Tech candidates to Ph.D. program. Out of eight departments, six departments have agreed for direct admission of BE / B.Tech. candidates to Ph.D. program with certain conditions except two departments (Civil Engg. deptt. & Mechanical Engg. deptt.).	After detailed deliberations, the Senate approved the direct admission of BE/ B. Tech candidates to Ph. D degree with following guidelines: 1. All candidates having BE / B. Tech degree would be eligible for admission to Ph.D. program 2. To be eligible for the admission under this category, a candidate is required to have minimum CGPA of atleast: a) 9.0 (on a scale of 10) at the end of the seventh semester (if applying during final year) under OPEN and OBC categories. b) 9.0 (on a scale of 10) at the end of the eighth semester (if applying after the completion of B.Tech) under OPEN and OBC categories. c) For SC/ST category students, the minimum CGPA requirement will be relaxed to 8.5. 3. Candidates should have a valid GATE/NET score. Selection to

		program would be made on the basis of GATE/NET score and interview.
		4. Successful candidates in final year of undergraduate programme may be given provisional admission to the Ph.D programme. This admission shall be confirmed provided the student completes his/her undergraduate programme with required graduation CGPA.
		5. Candidates getting direct entry to Ph.D programme after BE/ B.Tech will need to fulfil credit requirements through course work on pattern of courses offered to PG students and additional course requirements as per UGC
		The Senate further decided that the institute may explore the possibility of offering dual M.Tech and Ph.D. degree on lines of IITs. DAA may form a committee on the subject.
69.8	**To consider procedure for monitoring of the performance of deficient students.** The Senate in its 65th meeting and follow-up in 68th meeting had desired that all HoDs should submit report regarding action taken on "monitoring of the performance of deficient students throughout the year and steps taken to improve the academic performance of students". Action taken report has been received from various departments. Procedure for monitoring performance of the students was presented.	For uniformity, the Senate approved the general guidelines to be followed in interacting with the deficient students. Guidelines are given in *Annexure –II.* A Compliance report by the departments need also to be sent to DAA office during each semester.
69.9	**Items of ratification/ information**	
	1. Distinguished Alumnus Award	Ratified
	2. Termination of UG students from the institute.	Ratified
T-69.9	**To consider result of 16171 semester**	The Senate approved the grading for all the courses except for Minor project of 3rd year students. The grades of Minor

		project offered to UG students in 5th semester have been referred to a committee convened by ADUG. The grading of this course would be approved by Chairman Senate after committee submits its findings. The gazette notification for the UG /PG result of 16171 semester would be issued after approval of Chairman Senate.
T-69.10	**To consider policy for offering courses through MOOCS** To provide a world class learning experience and offer greater flexibility to our students and keeping in view the rising popularity of MOOCS it is proposed to consider a policy for offering courses through MOOCS.	The Senate considered the policy for offering courses through MOOCS. After detailed deliberations 1. The Senate, in principle, approved the proposal on introduction of MOOCs in the UG/PG curricula as given in *Annexure- III*. 2. The Scheme will be implemented from 2017-18 session. 3. For its proper implementation, the Senate desired that the details be worked out by the Committee already constituted for this purpose. The Committee may coordinate with each department to identify courses to be run through MOOCs for each semester in each UG and PG programmes. 4. The departments will identify faculty members to be sent for pedagogy training on MOOCs. Additionally, the faculty members may themselves study al least one course on MOOCs. The cost of MOOCs courses may be borne from PDA of faculty members.

Meeting ended with the vote of thanks to Chair.

GUIDELINES FOR 6TH SEMESTER INTERNSHIP OF UG STUDENTS:

I. **Allocation**

    a.   Efforts for allocating of students for training purpose should start in the beginning of 5th semester.

    b.   The institute should put in efforts to increase the placements of students for training purpose upto 72-80%.

    c.   The students who are arranging their own training should give the confirmation at least two months before the start of the training.

    d.   Institute should also tie-up with TPO offices and departments of other renowned academic institutes and also look for placing students for training purpose in various PSUs like PWD, Electricity Board, irrigation, BHEL etc.

    e.   The option of paid internships in renowned companies may also be explored.

II. **Monitoring:**

    a.   The institute may ask the companies to allocate mentors to the students so that they can interact with each other before joining the internship and do ground work to make is more effective.

    b.   The institute should also maintain a database of all mentors.

    c.   The visit of faculty coordinators to the industries may not be necessary Skype interaction can be done by the faculty with the student and mentors But if faculty is interested in visiting the companies/ institute, they can visit and interact with the institution head also and not just with the mentors.

III. **Evaluation:**

Evaluation will be done as follows:-

S. No.	Subject	Credit	Remarks
1.	Credit by Industry	12	Proforma to be filled jointly by industry coordinator and faculty coordinator
2.	Credits by Faculty Coordinator , Adjunct Faculty / Experts / PEC alumni	2+2	Faculty will evaluate after each skype interaction
3.	Evaluation by Deptt. including • Report • Presentation • Viva Voce	4	The final presentations/ evaluations will be made before faculty panel and efforts should be made to invite one external expert from industry or research institute for evaluations.
4.	Total Credits	20	To be displayed on notice board

GUIDELINES FOR MONITORING PERFORMANCE OF DEFICIENT STUDENTS

1) The registration plan for next one year may be decided by DAPC.
2) Monthly meeting of DAPC for monitoring progress of student.
3) Result of mid-term, quizzes, assignments etc. may be communicated to the parents electronically.
4) Meeting of HOD with parents/ guardians of students after mid-term exam in the presence of Institute Counsellor.
5) Extra classes may be engaged for such students.

Existing regulations in respect of these students including those related to reduced academic load would remain in place.

POLICY FOR OFFERING COURSES THROUGH MOOCs

In order to provide a world class learning experience and offer greater flexibility to students and keeping in view the rising popularity of MOOCs, policy guidelines as given below will be followed:-

- The students will be allowed to take up one course per semester per program (after duly mapping the MOOCs with the curriculum) by registering for a MOOC offered by EdX/ Coursera/ Future Learn/ Mookkit/IIT Bombay kit/ Swayam portals.
- The registration fee (approximately 40-50 $ per candidate) for the MOOC shall be paid by the institution out of the tuition fee paid by the student.
- The students would be required to complete the MOOC course right upto certification level and the grades obtained would be embedded into our grading system.
- A teacher would be assigned to each MOOC course with a work load of 1 hr/week. This hour will be utilized by holding discussions on various course topics.
- The modalities of mapping the MOOC courses with the curriculum will be done by Department Academic planning Committee for each department.
- The modalities of embedding the grades into our grading system may be looked into by Academic Section.