Subject: **Minutes of 67th meeting of the Senate of PEC University of Technology, Chandigarh**

A   Brief of meeting and participants:

Date	03.06.2016 (Friday)
Time	11.30 a.m.
Venue	Conference Room, II Floor, Administrative 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 proceeding is as follows:

At the outset, Registrar welcomed all the Senators.

Item No.	Item	Decision
67.1	To confirm the minutes of the 66th meeting of Senate held on 04.03.2016.	Confirmed
67.2	Follow Up Action for the 65th&66th meeting of Senate a) 65th Meeting dated22.12.2015	Regarding Agenda Item No. 65.2.2 (a), the Senate desired that Academic Section should collect and analyze marks of all the subjects (for the last two years), where relative marks criteria as per new grading system is applied & submit the complete report within one month time and put up to the Chairman Senate. Regarding Agenda Item No. 65.2.2 (b), the Senate desired that all HoDs should submit report regarding action taken on monitoring the performance of students throughout the year and steps taken to improve the academic performance of students. This may be done within one month and put up to the Chairman Senate. Regarding Agenda Item No. 65.2.2 (c), it was clarified that the mandate of the Senate was to review entire ME course structure, as a new scheme to be implemented from

		2016-17 in totality. The Senate desired that the Committee constituted for the purpose should accordingly submit its recommendation within one month. The committee may take assistance from department, look at the course structure of different IITs and may also take feedback from the industry and alumni, as appropriate.
		The Senate noted action taken on all other decisions.
	b) 66th Meeting dated04.03.2016	Regarding Item No. 66.5, the Senate desired that Committee constituted to frame guidelines for payment of assistantship to PG students should submit its recommendations within seven days.
		The Senate noted action taken on all other decisions.
67.3	To consider the result of B.E. (1st& 2nd year) 15162 semester	Approved.
		As per the academic calendar, the grades are displayed to the students after the meeting of the moderation committees. The meeting of the Senate is held after the result is known to the students.
		The Senate, therefore, desired that result after compilation by the Dean Academic Affairs may be got approved from the Chairman Senate and reported to the Senate. There is no need to bring the entire result before the Senate. Only the discrepancies, deficient student cases and the complete statistical analysis of result etc. may be brought to the Senate for discussion.
67.4	To consider the result of M.E. 15162 semester	
	a) M.E. 1st year 15162 semester	Approved
	b) M.E. 2nd year 15162 semester	
	The result of M.E.final year students is yet to be finalized as the evaluation of Dissertation will be done upto 15.07.2016. Chairman Senate may be empowered to approve the result.	Noted

Approved |

67.5	To consider the result of Ph.D. course work 15162 semester	Approved
67.6	To consider termination of B.E. 1st and 2nd year students/ students to repeat 1st year.	Senate approved termination of student of BE 2nd year (2014-2015 batch) having CGPA less than 5 or total credits less than 43 with an opportunity of appeal. However, the Senate desired that DAPC/ Monitoring Committee of the concerned department should review/ examine these appeals on case to case basis. The appeals may be evaluated on the criterion:- *'Potential of the applicant student to cross minimum CGPA & number of credits required'.* *Cases with recommendations may be sent to DAA. DAA may work out a common denominator for all such appeals.* Regarding the list of year back students of BE 1st year (2015-16 batch), it was desired that for these students, the concerned DAPC/ monitoring Committee may examine their case on individual basis and make recommendations for providing special recovery chance, if any. The concerned HOD should also have a meeting with parents & students and apprise them of the academic deficiencies. An undertaking of the parents and students be also taken (in case the student is given another chance) on the recommendations in each case subject to approval by the Chairman, Senate. The DAPC will also prepare the subject registration plan of such students on individual basis for atleast next two semesters. The subject registration plan signed by DAPC and the undertaking on the recommendations along with other documents be submitted by students at the time of registration.

		The academic registration of these students will be carried out separately in the Academic Section.
		The Senate approved termination of two BE 1st year students (2015-16 batch) with an opportunity to appeal.
		Arising out of discussions on the list of deficient students, it was desired to review the cut-off criteria under the new grading system, which has now been implemented for the last two years. A Sub Committee of the Senate comprising Dr. Vasundhara Singh (HOD Applied Sc. Deptt). Dr. Kishori Lal (HOD Aerospace Engg) & Dr. Balwinder Singh, ADUG was constituted to review the cut off criteria. The committee must study the relevant data of last 4 semesters, do thorough analysis and bring out recommendations for the consideration of the Senate. The committee may complete this exercise during the current summer break.
67.7	To consider termination/ repetition of M.E. students	Approved as proposed
67.8	Change in nomenclature of BE / ME degree to B.Tech. /M.Tech. regarding.	Approved. To be implemented for the students admitted from 2016-17 session. The same may be reported in the next BOG meeting.
67.9	Correction in the scheme of B.E. ECE for the session 2015-16	Approved as proposed
67.10	To consider revision in M.E. curriculum	Approved as proposed. The Senate after deliberations decided that ME Part-Time programme should be discontinued from 2017-18. The Senate desired that in lieu of ME part time programme, the departments may submit proposals on M. Tech programmes exclusively designed for the executives similar to the programmes offered in management schools. The departments may do a survey and contact the industry and other organizations regarding their requirements.
67.11	To consider enhancing of intake capacity of UG Programmes	After detailed deliberations, the proposal was approved. On the request of HOD Civil Engineering, the Senate also agreed to

		enhance seats for Civil Engineering to 120.During the deliberations following issues were also raised:

		1. <u>Whether approval of AICTE is required :</u>
		a) It was brought to the notice of the house that PEC has been given the status of Deemed to be university by the UGC. As per the prevailing guidelines regarding intake capacity, fees & other allied issues, Deemed Universities are competent to take decision on these parameters through their own statutory bodies i.e. Senate, Syndicate, Executive Committees and Board of Governors, as the case may be. It was also informed that as per the Supreme Court judgment in the case of Bhartidasan University, the university does not require prior permission of AICTE for enhancement of seats and incorporation of new courses, etc.
		b) It was also clarified that PEC has taken approval of existing UG and PG programmes from AICTE so as to participate in various AICTE funding schemes for faculty development/ organizing events/ modernization of labs., fellowships etc.
		2. **<u>Augmentation of faculty resources:</u>**
		a. It was informed that as of now in existing faculty positions, about 40 faculty positions are lying vacant. Therefore, before commencement of next academic session, efforts shall be made to fill these posts. The steps also be taken to draft a proposal on creation of new posts as per the student vs. teacher ratio (1: 12) followed in NITs.

		b.	Further, the shortage of faculty in various institutions including IITs has been a recurring problem and may not be solved in coming years also. Therefore, alternative ways of compensating this shortage need to be identified and implemented. On these lines, following was resolved,
		I.	All departments were requested to submit the proposals on hiring Emeritus professors and Visiting Faculty, retired from organisations of repute or from industry, based on the guidelines as approved by the BOG and notified in the Institute.
		II.	The provision of Adjunct faculty from industry is also an option. The departments may submit proposals on hiring adjunct faculty from industry/research organisation.
		III.	In a recent news, the ACTIE has also advocated that at least 10% the total number of credits in an academic programme may also be taught using MOOCs (Massive Open Online Courses) available on various platforms in the country. It was also informed that delegation of PEC under the chairmanship of the Director visited IIT Kanpur to understand their MOOCs model, who already have incorporated teaching of some of the courses on MOOCs into their academic curricula duly approved by their Senate. It was therefore decided that Dean Academic Affairs will draft a policy on teaching courses on MOOCs to the students of PEC, for the consideration of the Senate at an early date.
		IV.	The above provisions will ease the shortage of faculty in the institute, if any.

		3. Physical Infrastructure: **i) Academic Area:** It was informed that recently an academic area of about 40000sq.ft. has been added in form of new Academic Block and the same is expected to be used from the next academic session. Additionally, the institution has around 6 lacs sq. ft. covered area for academic purposes. The current proposed enhancement of intake in UG programmes will increase the student strength from 2695 to 4000 in 4 years of its complete implementation. The current academic area is sufficient for this number as per the guidelines of regulatory bodies. **ii) Hostels**: It was informed that the Shivalik Hostel extension block for boys is expected to be completed by on 31.07.16. It has capacity of 80 rooms. Making it double seated will have a capacity of 160 students. Further, the work on Kalpana Chawla Extension Block with 40 rooms for girls will start soon. Moreover, the planning for new multi-storey hostels with a total capacity of 648 for boys and 368 for girls has already been done. This shall be put into motion shortly. **iii) Augmentation of Labs:** The laboratory facilities are being upgraded regularly and will be further expanded as per the requirements identified by various departments from time to time. **iv) Computing Facilities:** The expansion of computing facilities is also an ongoing process. The minimum number of computers required as per the guidelines of the regulatory bodies will be taken care of. Moreover, two new computer clusters are being added in the new

		academic block and will be functional soon. Further, the academic area and hostel zones have been made completely Wi-Fi, and therefore faculty and students can bring their own devices for teaching and learning to the classrooms and labs, thereby easing the pressure on number of computers to be supplied by the institute.
67.12	To consider guidelines circulated by UGC for determination of a Uniform Span Period within which a Student may be allowed to Qualify for a Degree.	As most of the UGC guidelines are in place in our academic curricula, the Senate additionally adopted the following guideline as mentioned in the UGC letter, 'in exceptional circumstance a further extension of one more year may be granted'. The Dean Academic Affairs may make changes and notify the complete guideline on this clause.
67.13	To consider exemption of fee for doing Part-Time study by PEC faculty/ staff in the Institute.	Approved.
67.14	To allow course work through MOOCS/ Weekend & Module based programme to Ph.D (part time) / OFF CAMPUS candidates working at very senior positions.	After detailed deliberations, Senate resolved the following **(only in case of Senior Executives working at the level of CEOs and Directors in industries, Government and research organizations)**, who want to register as Part Time PhD candidates, In addition to prevailing guidelines on course work for Ph.D. Part-Time programme, following options be also added, i) Senior Executives may be allowed to complete their course work through MOOCs, which are run for one full semester with complete assessment (either online or proctored) and assign a grade or certificate. The grading/certification has to be appropriately adopted. ii) Senior Executives may be offered courses through Weekend/ Module based contact programmes. The SRC of the candidate is empowered to consider the above options. Detail regulations in this regard shall be notified by the Dean Academic Affairs.

67.15	ITEMS FOR RATIFICATION/ INFORMATION:	
	a. Review of result of UG/PG/ Ph.D (Gazette) of 15161 semester.	Ratified
	b. Interchange of ESC courses being offered in 2nd semester with BSC courses to be offered in 3rd semester.	Ratified
	c. Enhancement of assistantship of TEQIP-II and CoE Ph.D. students.	Ratified
	d. Ratification for the Academic Calendar for the session 2016-17	Noted
	e. Termination of M.E. students secured CGPA< 4.5 in 1st semester.	Ratified
	f. Termination of Ph.D candidates who did not register for the semester 15162	Ratified
	g. Ratification of result of B.E. Final year 15162 semester	Ratified
T67.16	To consider the BE final year students having pending courses till semester 15162 to register in Summer Term or self study mode.	
	Table A	Noted
	Table B	Noted
	Table C	Ratified
	Table D	It was informed that now since the new scheme is in place, the summer term under the old scheme will be available only during summer 2016 and summer 2017. Keeping this in view: i) In case of the students Swati Jha, SID 11104063, Abhishek Khurana, SID 1210402, & Sonam Dolma, SID 12108024, the

		Senate decided that they may be allowed to register upto three courses in the Summer term (regular or in self study mode as per requirements). The Senate decided to waive off the condition of 'N' grade for existing students having grade 'N'. ii) In case of Mehak Sra, (SID 12108021), the Senate decided that the department may submit a proposal on the issue. iii) In case of Digvijay Singh, (SID 11103009), based on feedback of HOD CSE, the Senate decided that the student should register for subjects in regular semester (i.e., 16171).
	Generic Proposed Amendments in guidelines	Cases of Final Years students for summer term registration would be examined and decided on case to case basis.

Meeting ended with the vote of thanks to Chair.