



**Minutes of 95<sup>th</sup> meeting of Senate of PEC  
held on 22.12.2021.**



**Minutes of 95<sup>th</sup> meeting of the Senate of Punjab Engineering College (Deemed  
to be University), Chandigarh**

**A Brief of meeting and participants:**

<b>Date</b>	22.12.2021 (Wednesday)
<b>Time</b>	11.00 am
<b>Venue</b>	Senate Hall, adjacent to Directors' Secretariat, PEC, Sector 12, Chandigarh
<b>In-Chair</b>	Dr. Baldev Setia, Director, PEC
<b>List of Participants</b>	Placed at <b>Flag 'A'</b>

**B. The brief of proceedings is as follows:**

<b>Item No.</b>	<b>Item</b>	<b>Decision</b>
<b>S-95.1</b>	<b>To confirm the minutes of the 94<sup>th</sup> meeting of Senate.</b>	Confirmed.
<b>S-95.2</b>	<b>Action taken report of the previous Senate meetings</b>	
	94.4 To consider termination and year back of UG students at the end of 20212 semester.	Ratified as Agenda Item No. S-95.13
	94.9 To Consider the NIRF ranking of PEC	Discussed as Agenda Item No. S-95.3
	94.12 To consider admission of various M. Tech and Ph.D. programmes.	Dr. Neena Gupta submitted the report just before the start of Senate meeting. It will be taken up for deliberations in the next Senate meeting.
	94.13 To consider course Advanced Operations Research for Ph.D. programme in Mathematics.	Discussed as Agenda Item No. S-95.4
94.14 To consider course Fourier Transforms (EMM5021) and Optimization Techniques and	Discussed as Agenda Item No. S-95.5	



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	Evolutionary Algorithms (EMM5022) for PG programme.	
<b>S-95.3</b>	<b>To consider the NIRF ranking of PEC</b>	<p>Senate appreciated the comprehensive report on improving the NIRF ranking of the institute submitted by Dr. Sanjeev Sofat. After detailed deliberations on each point of the report, Senate took the following decisions: -</p> <ol style="list-style-type: none"><li>i. For formulating a simplified IPR policy, a committee comprising of Prof. Uma Batra (Chairperson), Prof. Jagdish Kumar (Head Electrical Engg.), Prof. Poonam Saini and Dean Academic Affairs (Convenor) was constituted. The committee was requested to submit its recommendations latest by 10.01.2022.</li><li>ii. For simplifying the administrative processes (including accounts) for sponsored research project and consultancy, a committee comprising of Dr. Siby John (Chairman), Prof. Sushant Samir (Registrar), Prof. Divya Bansal, (Dean Alumni), Prof. Umesh Sharma (Head Civil Engg.) and Dean SR&amp;IC (Convenor) was constituted. The committee will also give its recommendations for incentivising faculty for good publications. The committee was requested to submit its recommendations latest by 10.01.2022.</li><li>iii. Registration of a Ph.D. scholar will be done only after receiving the satisfactory progress monitoring report of the previous semester.</li></ol>



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		<p>iv. To improve the research quality of M.Tech. students, it was decided that the thesis supervisor allotment for M.Tech. students will be done in the beginning of the 2<sup>nd</sup> semester, instead of 3<sup>rd</sup> semester, so that the academic purpose of the mini project in the 2<sup>nd</sup> semester as a precursor to the Master's thesis is taken care of.</p>
<p><b>S-95.4</b></p>	<p><b>To consider the course Advanced Operations Research (MAN606) for Ph.D. programme in Mathematics.</b></p>	<p>The Senate considered the course contents of the course prepared by the Applied Science department for the Ph.D programme and advised Head Applied Sciences to remove the contents pertaining to elementary knowledge from the syllabus as it is a sixth level course.</p>
<p><b>S-95.5</b></p>	<p><b>To consider course Fourier Transforms (EMM5021) and Optimization Techniques and Evolutionary Algorithms (EMM5022) for PG programme.</b></p>	<p>Senate approved the structure of two modules with 1.5 credits each for Engineering Mathematical courses for all PG students. Students may choose any one course from each basket.</p> <p><b>Module 1</b></p> <ul style="list-style-type: none"> <li>i. Fourier Transforms</li> <li>ii. Finite Element Analysis</li> <li>iii. Numerical Methods</li> </ul> <p><b>Module 2</b></p> <ul style="list-style-type: none"> <li>i. Advanced Optimization Techniques</li> <li>ii. Optimization Techniques and Evolutionary Algorithms</li> </ul> <p>Finite Element Analysis and Advanced Optimization Techniques will be taught by Production &amp; Industrial Engineering Department and the other three courses will be taught by Applied Sciences Department.</p>



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<b>S-95.6</b>	<b>To consider the Academic Calendar for 2021-22 session (Even Semester).</b>	Approved as proposed.
<b>S-95.7</b>	<b>To note the admission status in various B.Tech. programmes of the Institute.</b>	Noted.
<b>S-95.8</b>	<b>To consider the renaming of the M. Tech Electronics Engineering Programme</b>	<p>Senate considered and deliberated on the proposal for renaming of M. Tech Electronics Engineering programme. After discussions, the proposal was approved in principle and Head Electronics &amp; Communication Engineering Department was requested to prepare the course structure and syllabi for the new programme, highlight the changes in curriculum and give details of admissions in last 3 years.</p> <p><b>The revised proposal will be presented in the next Senate meeting for consideration after discussing in the IAPC meeting.</b></p>
<b>S-95.9</b>	<b>To consider modification in regulations for evaluation of Ph.D. Thesis</b>	<p>Senate considered the proposed modification in regulations for evaluation of Ph.D thesis with the aim of further improving the quality of research work being carried out in the institute. It was felt that the examiners should be from the researchers of the relevant area whose work has been cited in the thesis. Accordingly, Senate approved the following regulations: -</p> <p><i>“To evaluate the Ph.D. thesis submitted by a Ph.D. candidate, a panel of 10 readers from the authors/ experts who have been cited in the thesis of the candidate, will be proposed by the supervisor(s) of the candidate out of which 5 will be from outside India and 5 will be from reputed institutions/ Universities of</i></p>



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		<p><i>India like IITs/ IISc/ IIMs/ IISERs/ NITs/ Reputed R&amp;D organizations.”</i></p> <p><b>These regulations will be applicable to all those students who submit their thesis after 30.06.2022.</b></p>
<b>S-95.10</b>	<b>To consider starting of physical classes in the institute</b>	<p>In the light of the communication received from Director Health Services, Chandigarh Administration, the current status will be maintained for physical classes in the institute for one month and it will be reviewed after one month.</p> <p>As the pandemic situation is now deteriorating with cases of new variants being on the rise and chances of holding the convocation appear bleak, Senate authorized Dean Academic Affairs to distribute the degrees for Convocation 2021 to the students.</p> <p>It is also approved that the UG students may complete their Industrial Tour by visiting industries or may do any online course suggested by the department or may do course(s) of minimum two weeks duration (10 working days) at PEC Siemens Centre.</p>
<b>S-95.11</b>	<b>To consider the implementation of new security features in the final Degree</b>	Ratified.
<b>S-95.12</b>	<b>To consider the Academic Calendar for B.Tech. 1<sup>st</sup> year for 2021-22 session (Odd Semester).</b>	Ratified.
<b>S-95.13</b>	<b>To consider termination and year back of UG students at the end of 20212 semester.</b>	Ratified.
<b>ST-95.1</b>	<b>To consider the certificate courses for UT Police and other defence personnel.</b>	The house was informed that PEC has signed an MoU with UT Police on 08.12.2021 which also envisages some training programmes. The



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		<p>proposal was approved in principle and Head Cyber Security Research Centre was requested to prepare course structure and syllabi including financial feasibility part for the new programmes and present it in IAPC meeting. Final approval may be taken from Chairman Senate. It was also suggested to Head Cyber Security Research Centre that besides training programmes, some regular certificate programmes in emerging areas may also be proposed.</p>
<b>ST-95.2</b>	<p><b>To consider the revision of M.Tech. curriculum</b></p> <p>M.Tech. curriculum for the various programmes was revised in 2018. All Heads of the Departments desired for revision in M.Tech. Curriculum.</p>	<p>Senate advised to start the M.Tech. curriculum revision process and requested all Heads of the departments to plan workshops and brainstorming sessions with various stakeholders/ alumni, students, industry experts etc.</p>

Meeting ended with the vote of thanks to Chair.



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**Flag 'A'**

**Attendance sheet – 95<sup>th</sup> meeting of Senate on 22.12.2021**

<b>S.NO.</b>	<b>NAME</b>	<b>Present/ Absent</b>
1.	Dr. Baldev Setia, Director	Chaired
2.	Dr. Siby John, Deputy Director	Present
3.	Prof. Kunal Nandwani, CEO uTrade Solutions	-
4.	Dr. M Rajiv Lochan, Panjab University	-
5.	Dr. Sanjeev Kumar, Mechanical Engg., DAA	Present
6.	Dr. Sanjeev Kumar, Applied Sc., DSA	Present
7.	Dr. Sucheta, HOD Applied Sc.	Present
8.	Dr. T K Jindal, HOD Aerospace Engg.	Present
9.	Dr. Umesh Sharma, HOD Civil Engg	Present
10.	Dr. Shailendra Singh, HOD CSE	Present
11.	Dr. Jagdish Kumar, HOD Electrical Engg	Present
12.	Dr. Neena Gupta, HOD ECE	Present
13.	Dr. S K Mangal, HOD Mechanical Engg	Present
14.	Dr. Uma Batra, HOD MME	Present
15.	Dr. R S Walia, HOD P& IE	Present
16.	Dr. Arun K Singh, ECE	Present
17.	Prof. C S Jawalkar, Prod. & Indl Engg.	Present
18.	Prof. Poonam Saini, CSE	Present
19.	Prof. Har Amrit S Sandhu, Civil Engg.	-
20.	Ms. Maninder Kaur, Sr. Librarian Incharge	-
21.	Dr. Sanjay Batish, Head CC	Present
22.	Dr. Parveen Kalra, Head CoE	Present
23.	Dr. Anju Singla, Head CMH	Present
24.	Dr. Divya Bansal, Head, CSRC	Present
25.	Dr. Sanjeev Sofat, Head Data Sciences	Present
26.	Registrar (Secretary)	Present
27.	Dr. Shobhna Dhiman ADPG	Present
28.	Prof. Sarbjit Singh, ADUG	Present