

PUNJAB ENGINEERING COLLEGE
VIDYA PATH, SECTOR 12, CHANDIGARH, 160012
(A Deemed to be University Under Section 3 of UGC Act, 1956)

Minutes of the 108th Meeting
of the Senate, Held on 17 January, 2025

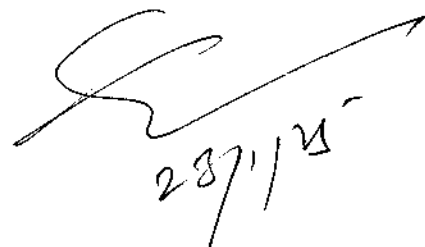
Minutes of the 108th Meeting of the Senate of Punjab Engineering College, Chandigarh

A: Brief of the Meeting and Attendees: -

Date/Day	17 January 2025 (Friday)		
Time	03:00 PM onwards		
Venue	Senate Hall, 2 nd floor, Administrative Block, PEC, Chandigarh		
In Chair	Prof Rajesh K Bhatia, Hon'ble Director (Ad-Interim), Chairman, Senate		
List of Participants	S. No.	Name	Capacity
	1.	Dr Minati Baral	External Member
	2.	Prof SK Mangal, Dean Academic Affairs	Member
	3.	Prof DR Prajapati, Dean Student Affairs	Member
	4.	Prof Asha Gupta, HoD Dept of Mathematics	Member
	5.	Prof Harminder Kaur, HoD Dept of Chemistry	Member
	6.	Prof Sanjeev Kumar, HoD Dept of Physics	Member
	7.	Prof Rakesh Kumar, HoD Aerospace Engg Dept	Member
	8.	Prof SK Singh, HoD Civil Engg Dept	Member
	9.	Prof Trilok Chand, HoD CSE	Member
	10.	Prof Arun Kumar Singh, HoD ECE	Member
	11.	Prof RM Belokar, HoD P& I Engg Dept	Member
	12.	Mr Yatindra Kumar, Civil Engg Dept	Member
	13.	Dr Ajay Kumar, Electrical Engg Dept	Member
	14.	Dr Seema Vasishta, Sr Librarian	Member
	15.	Dr JD Sharma, HoD MM Engg Dept	Member
	16.	Dr Manohar Singh, Electrical Engg Dept	Member

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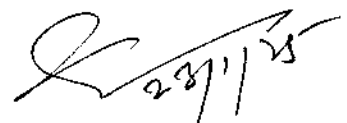
Special Invitees	1.	Dr Nitin Kumar, Associate Dean, Academics Affairs	Special Invitees
	2.	Dr Manish Kumar, Professor In-charge, Academics Affairs	
	3.	Dr Simmi SL, Professor In-charge, Academics (NEP & ERP)	
	4.	Dr Ankit Yadav, Professor Incharge, MOOCs	
	5.	Dr Sanjay Batish, Head CC	
	6.	Dr Tilak Thakur, HoD Electrical Engg Dept	
	7.	Prof Sarbjit Singh, HoD Mechanical Engg Dept	
	8.	Prof Sanjeev Sofat, Head CSRC	
	9.	Prof Shobhna Dhiman	
Leave of Absence Accorded	1.	Dr Manmohan Singh, External Member	External Member
	2.	Dr Suman Kant, Prod & Indl Engg Dept	Member
	3.	Mr Sushil Kumar, Network Administrator	Member
	4.	Prof Rintu Khanna, HoD Electrical Engg Dept	Member
	5.	Prof Sanjeev Kumar, HoD Mechanical Engg Dept	Member
	6.	Col RM Joshi, Registrar	Member Secretary
	7.	Prof Divya Bansal, Head CSRC	Special Invitee
	8.	Dr Anju Singla, Head CMH	Special Invitee


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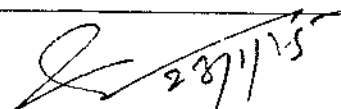
At the outset, the Member Secretary welcomed all the members to the Meeting.

B: The Brief of the Proceedings is as follows:-

Item No.	Item	Action Taken
S-108.1	To Confirm the Minutes of 107 th Meeting of the Senate	Confirmed
S-108.2	Action Taken Report (ATR) of Previous Senate Meetings	
	S-107.9 To consider Ph.D. Admission status	<p>Dean Academic Affairs informed the senate that data has been received from Head, Computer Centre and accordingly feedback process shall be initiated very soon for the candidates, who have applied for admission but neither appeared for test/interview nor took admission in PEC.</p> <p>The feedback shall be presented in the ensuing Senate meeting.</p>
FRESH AGENDA ITEMS		
S-108.3	To Consider the Analysis Report of Ranking of PEC in the last few years	It was decided that the Analysis Report of NIRF Ranking of PEC will be taken up in the next Senate meeting in presence of Dr Manmohan Singh, External Member
S-108.4	To Consider the Format for Degree/Provisional Degree and DMC for Ph.D. students	<p>Approved as proposed.</p> <p>Beside this, Senate approved to issue course completion certificate to the student as per existing practice with seal of 'Checked by' and 'Controller of Examination'.</p> <p>To streamline the Ph.D. academic process on AIS portal, it was discussed to make necessary amendment in Academic Calendar for the 'Presentation of Progress Report by the research candidates to the SRC' activity just after the End-Term Term Examination of the semester.</p> <p>Further, Associate Dean Academic (ERP) will look after the implementation of the same on Academic Information System (AIS) and ABC.</p>

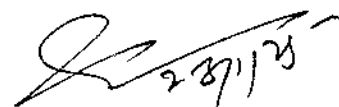


S-108.5	To Consider the Syllabi of Minor Specialization Courses offered by Chemistry Department	After detailed deliberation, the Department was asked to revisit the Nomenclature and total syllabi of the Course(s)
S-108.6	To consider Minor Modification in Grade Report/Transcript of UG/ PG Program(s)	<p>Approved In-Principle as proposed with modification that the 'Branch' be replaced with 'Programme'.</p> <p>Further, Associate Dean Academic (ERP) will look after the implementation of the same on Academic Information System (AIS) and ABC.</p>
S-108.7	To consider the Result of 24-25-1 Semester	<p>It has been decided that the Grades of the Courses as per Annexure-I be sent back to the Department to take the corrective action as per the Senate approved Guidelines for the Award Grades.</p> <p>The Senate observed that the average in few courses is below 35 and standard deviation is also very low. Therefore, in such courses, attainment of course outcomes are very low. Corrective actions are needed to improve the attainment of Course Outcomes in future.</p> <p>The Senate observed that only in 13 courses (out of 156 courses) grades were lowered due to attendance criteria as per Senate approved Guidelines.</p> <p>It was also decided that HOD/HOCs will ensure the compliance of Course Handout distributed by the Instructor in 24252 in terms of Evaluation, Weightage and Attendance as per the Senate approved Guidelines & IQAC Mandate. HoDs/HoCs-cum-Chairman Grade Moderation Committee will ensure the compliance of Attendance Criteria and Rules.</p> <p>It was further decided that the Grade Summary Sheet will be revised with one additional column named "Range as per Formula".</p> <p>The Senate decided that the Re-Appear Examination for the Courses MM1212, MMN3004 and CV1302 be conducted at the earliest.</p>

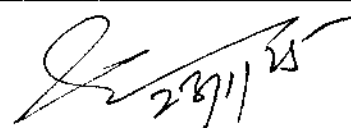


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		It was also discussed that a Preparatory Week be introduced before the start of the End-Semester Examinations in the Academic Calendar from Semester 25-26-1 onwards.
S-108.8	To consider Ph.D. Admission Status	<p>Approved as proposed.</p> <p>The following was decided:</p> <p>Students having National/State/Industry/R&D Sponsored Scholarship such as UGC NET/ CSIR NET/DST Inspire/Vishvesveraya etc & related Scholarships or are Sponsored Foreign Nationals can be given admission throughout the year. Their course work can start from the upcoming Semester.</p> <p>Candidates working as Junior Research Fellows (JRFs) (working full time) in Sponsored Research Projects can be given admission throughout the year.</p> <p>The Non-GATE candidates, who are admitted through regular admission process, but later clear the GATE Exam, will also be awarded Institute Scholarship considering the GATE Slot availability with the Supervisor.</p>
S-108.9	To Consider Candidature of JRFs (working full time) as Full Time Ph.D. Students	Approved as proposed
S-108.10	To Consider Appeal against Termination of Mr Rahul, Ph.D. Scholar, Electrical Engg Deptt	<p>Approved as proposed.</p> <p>The Senate was of the view that the case cannot be considered as a precedent; therefore, it was approved as a special case.</p>
S-108.11	To Consider the Capping & Modalities for Registration of CMH Courses and Open Elective Courses	<p>The Senate has decided that for all engineering departments, the capping for open elective courses be set according to the UG sanctioned intake of the department.</p> <p>For Departments/Centers without a sanctioned intake, the capping number for open elective and/or Humanities courses will be provided well before registration process to</p>



		<p>DAA Office. The allotment of these courses shall be made on first come first serve basis.</p> <p>Further, Associate Dean Academic (ERP) will look after the implementation of the same on Academic Information System (AIS) and ABC.</p>
S-108.12	To Consider Expansion of Course Options for "Minor Specialization Basket" in the Metallurgical and Materials Engg Department (UG Scheme 2020) onwards	Approved as proposed
S-108.13	To Offer the Course Work of Minor Specialization in Summer Vacations	<p>It was decided that Department(s) will offer following two types of Minor Specialization:-</p> <ol style="list-style-type: none"> 1. Departmental Minor Specialization 2. Minor Specialization offered with 3rd Party Agencies collaboration <p>The course work of Departmental Minor Specialization (all three courses) be offered during Summer Vacation after 4th Semester only with the consent of concerned Department.</p> <p>Whereas, the Course Work of Minor Specialization, offered with collaboration of 3rd Party Agencies, will only be offered during Summer Vacation.</p> <p>The Honorarium for Departmental Minor Specialization Theory Courses (running during Summer Vacation) be suitably increased (as per Minutes of 13th Finance Committee Meeting of PEC held on 01.07.2010) keeping in view the inflation and present lecture Honorarium Norms of Guest Faculty.</p>
S-108.14	To Consider the Renaming of PG Programme from "Computer Aided Design Manufacture & Engineering" to "Industrial Engineering and Management" of PIED	Approved as proposed



S-108.15	To Consider Modification for Engineering Mathematics Course	Approved as proposed
S-108.16	To Consider Academic Calendar for 24-25-2 Semester	Ratified. Dean Academic Affairs informed that inadvertently 19 th January, 2025 (Sunday) was marked as Teaching Day (Friday) in Academic Calendar 24-25-2. Hence, 1 st May, 2025 (Thursday) will be observed as Teaching Day and the Time Table of Friday will be followed.
S-108.17	To Consider Result of 23-24-2 Semester of B. Design (2023 Batch)	Ratified
ST-108.1	<p>To Consider the Change in the Syllabus of the Course Irrigation Engineering and Open Channel Hydraulics (CEN4002)</p> <p>The Programme Structure, the Course "Irrigation Engineering and Open Channel Hydraulics", CEN4004 is of L-T-P: 3-0-0 scheme. However, the Syllabus of the Course includes List of Experiments (3-0-2), which does not align with the approved Scheme i.e. 3-0-0.</p> <p>Hence in order to align the said Course Syllabus with the approved scheme as received from DAPC, Civil Engineering Department, with recommendation to exclude the Experiments Component from the Syllabus, the Revised Syllabus of the Course Excluding Experiments was placed as Annexure - ST.108.1.1 for consideration and approval.</p>	Approved as proposed


The Meeting ended with the Vote of Thanks to the Chair.


 (Col RM Joshi)
 Registrar & Member Secretary

No. PEC/RG/108th Senate/Mins/25/423

23 January 2025

1. A copy of the above is forwarded to all Senate Members for information and necessary action please.
2. All concerned are requested to send the ATR on fortnightly basis i.e. on 01st and 15th of each month, till such time the action is completed.


Registrar 28/1/25

SUMMARY ANALYSIS OF RESULT OF 24251 SEMESTER**1st YEAR 2024 BATCH**

Out of 17 courses, only in 2 nos. of courses grade are lowered due to attendance.

2nd YEAR 2023 BATCH

S. NO.	COURSE CODE	COURSE NAME	Agenda PAGE NO	DISCREPENCY
1	CEN3002	STRUCTURAL ANALYSIS-I	89	RANGE OF A+ & A GRADE IS MOVED UPWARD
2	CSN3002	DATA SCIENCE AND MACHINE LEARNING	91	MEAN AND S.D. IS NOT MENTIONED
3	DSN3002	PYTHON FOR DATA SCIENCE	93	S.D. IS NOT MENTIONED
4	AIN3003	DATA SCIENCE AND MACHINE LEARNING	95	MEAN AND S.D. IS NOT MENTIONED
5	EEN3001	NETWORKS AND SYSTEMS	95	MEAN (28) IS VERY LOW, attainment of learning outcome is a concern.

Out of 42 courses, only in 5 nos. of courses grade are lowered due to attendance.

3RD YEAR 2022 BATCH

S. NO.	COURSE CODE	COURSE NAME	Agenda PAGE NO	DISCREPENCY
1	AE1501	GAS TURBINE PROPULSION	115	RANGE OF A+ TO B+ GRADE IS MOVED UPWARD
2	AE1502	AEROSPACE SYSTEMS	115	MEAN AND S.D. IS NOT MENTIONED
3	CV1501	DESIGN OF CONCRETE AND STEEL STRUCTURES	116	ALL RANGE MOVED UPWARD. Due to this number of 'F' grades are increased. Mean and SD is low and so attainment of learning outcome is a concern.
4	CV1502	HYDROLOGY AND WATER RESOURCES ENGINEERING	116	RANGE OF A+ & A GRADE IS MOVED UPWARD MEAN and SD IS VERY LOW. Attainment of learning outcome is a concern.
5	CV2504	ENVIRONMENTAL POLLUTION AND MANAGEMENT	118	RANGE OF D & F GRADE IS MOVED UPWARD
6	DS1502	THEORY OF COMPUTATION	122	S.D. IS NOT MENTIONED
7	MM1312	STEEL MAKING TECHNOLOGY	132	RANGE OF F GRADE IS NOT MENTIONED

Out of 62 courses, only in 5 nos. of courses grade are lowered due to attendance.

FINAL YEAR 2021 BATCH

S. NO.	COURSE CODE	COURSE NAME	Agenda PAGE NO	DISCREPENCY
1	EL7701	MAJOR PROJECT-I	153	Mean and Standard Deviation mentioned are incorrect.
2	EC2314	WIRELESS COMMUNICATION	154	RANGE OF B to C+ GRADE IS MOVED UPWARD The Mean is too high. S.D is too low which does not reflect learning levels appropriately.
3	CV2709	SOLID WASTE MANAGEMENT	160	RANGE OF A TO C GRADE IS MOVED UPWARD
4	CV6701	SOFT COMPUTING TECHNIQUES IN WATER RESOURCES	160	S.D. (7.59) IS VERY LOW. It thus does not reflect learning levels appropriately.

Out of 35 courses, only 1 no. of course grade is lowered due to attendance.

Grand Total: Out of 156 courses, only in 13 nos. of courses grade are lowered due to attendance.

Signature
28/1/23