#### Report of the curriculum Audit 2025

The External Curriculum Audit of 31 departments was conducted from **23<sup>rd</sup>-24<sup>th</sup> April 2025** as per the attached schedule (*Annexure-1*). The departments were grouped as per the availability of the external expert.

Date: 23rd April 2025

Venue: VC Committee Room

#### The Committee:

- 1. Hon'ble Vice Chancellor Chairperson
- 2. Prof Tankeshwar Kumar, Vice-Chancellor CU Haryana (External Expert)
- 3. Dean In-charge Academics
- 4. Director, R & D Cell
- 5. Prof V.K Garg
- 6. Prof Sanjeev Thakur
- 7. Dean of the Concerned School
- 8. Head of the Department
- 9. Member, IQAC
- 10. Director IQAC Convener

Sr. No.	Departments	Observations
1.	Applied Agriculture (offering 2+2 option in both the programs)	<ul> <li>Curriculum addressing various SDGs not mentioned</li> <li>Arrange more internship activities, explore such opportunities at IIMs, Agriculture Universities etc.</li> <li>Apprenticeship can be added</li> <li>Industry visit must for these programs</li> <li>Bring in more industries to campus</li> <li>Give more options along with dissertation</li> <li>CLO for dissertation has to be modified for apprenticeship</li> <li>CLOs need to be reframed/revised</li> <li>Question paper analysis as per Bloom's taxonomy not done</li> <li>Analysis of curriculum feedback has to be done</li> </ul>

Me Mark for

1/2 Spro le

45/25

2.	Botany (offering 2+2 option)	<ul> <li>About 25% revision done in the curriculum</li> <li>Total credits 89 which need revision</li> <li>Analysis of feedback not done</li> <li>Distribution of courses not done</li> <li>Advanced courses should be added and some basics/classical subjects can be reduced to manage the credits</li> <li>Field trip one credit has to be 40-45 hours</li> <li>Apprenticeship can be added along with Dissertation</li> <li>Question paper analysis as per Bloom's taxonomy not done</li> <li>The examination evaluation pattern has to be as per university wide approved pattern.</li> </ul>
3.	Microbiology (offering both 3+1 and 2+2 options)	<ul> <li>Detailed syllabus/content of the MSc to be submitted</li> <li>SDGs matched with the curriculum</li> <li>CLOs need to be reframed/revised</li> <li>Bloom's Taxonomy is partially used; all faculty must use it for making the question paper.</li> <li>Dissertation/internship/apprenticeship to be added</li> <li>Analysis of feedback not done</li> <li>Add transactional methods for PhD curriculum</li> </ul>
4.	Biochemistry (offering 2+2 option)	<ul> <li>Check equal distribution of contents versus teaching hours</li> <li>SDGs matched with the curriculum and enlisted</li> <li>CLO needs to be revised</li> <li>List of courses which are updated must be mentioned in the CDDC minutes</li> <li>Question paper analysis as per Bloom's taxonomy is followed.</li> <li>Dissertation/internship/apprenticeship to be added</li> <li>Analysis of feedback to be done</li> <li>The presentation was overall Good</li> <li>Bring in more industries to campus and add industry training for students</li> </ul>

Brown.

Now

Marie Marie Carrie



	5.	Zoology (offering 2+2 option)	<ul> <li>Detailed syllabus/content of the MSc to be submitted</li> <li>If department plans to offer 3+1 option if students can take all the courses in 3rd semester as MOOCs, in that case it has to be documented in curriculum, CDDC and AAC for approval.</li> <li>Course codes need to be matched properly (table verus main content)</li> <li>Question paper analysis as per Bloom's taxonomy not done.</li> <li>Added new Field Trip: Field trip one credit has to be 40-45 hours</li> <li>Dissertation/internship/apprenticeship to be added</li> <li>Analysis of feedback to be done</li> </ul>
	6.	Chemistry (offering 2+2 options for both programs)	<ul> <li>SDGs to be matched with the curriculum</li> <li>CLO need to be read and re-structured and revised thoroughly.</li> <li>The program has Industry scope hence practical's as per the need of industry should be added.</li> <li>Question paper analysis as per Bloom's taxonomy not done</li> <li>Dissertation/internship/apprenticeship to be added</li> <li>Suggestions by Expert: <ul> <li>Internship should be made mandatory</li> <li>e-books already purchased should be cited</li> </ul> </li> <li>Issues raised by the department:</li> <li>Getting PhD students is difficult due to low Non-NET fellowship.</li> <li>More instruments are required for practicals</li> </ul>
	7.	Pharmaceutical Sciences and Natural Products (offering 2+2 option)	<ul> <li>Department plan to offer only 2+2 option for M.Sc. Programme</li> <li>CDDC minutes should mention all the updation in detail.</li> <li>Analysis of curriculum feedback to be done</li> <li>Suggestions by Expert:</li> <li>Department should try commercialise the pure compounds which are being isolated in department.</li> <li>Based on market survey they should design and isolate pharmaceutics specific molecules.</li> </ul>

dung Sirell

MI

MAZ Son H

mfsken



		<ul> <li>Issues raised by the department:</li> <li>Lypholiser being used by everyone in the university but now it's not working</li> </ul>
8.	Pharmacology	<ul> <li>Curriculum updation not much</li> <li>Placement is 100% and research is translational</li> <li>Very good publications</li> <li>Analysis of curriculum feedback is done</li> </ul> Issues raised by the department: <ul> <li>Good animal house facility is required for working with transgenic animal models.</li> <li>Need more lab space</li> </ul>
9.	Human Genetics & Molecular Medicine (offering 2+2 option in both the programs)	<ul> <li>SDGs matched with the curriculum</li> <li>New VAC proposed</li> <li>Practical credits and contact hours to be checked and corrected</li> <li>Update suggested readings</li> <li>Question paper analysis as Bloom's Taxonomy in with action verbs done and everyone in the department must use that.</li> <li>Analysis of curriculum feedback to be done.</li> </ul>
10.	Computational Sciences (offering 2+2 option in all the programs)	<ul> <li>Courses merged to make new courses and all details to be mentioned in the CDDC minutes</li> <li>Analysis of feedback not done</li> <li>Suggestions by Expert: <ul> <li>AI component should be added in the curriculum</li> <li>Students should be trained in such a manner that they can use AI to write their own codes.</li> <li>The curriculum should have RR/Python etc</li> <li>Department can offer a general VAC for other such as "AI in Education"</li> <li>Research Methodology is removed when more research component is added in the MSc program, student must take RM as MOOCs or IDC to compensate.</li> </ul> </li> </ul>

W Harrison N

P Sys

AF 29AZ



11.	Physics (offering 2+2 option)	<ul> <li>Total credits are 83</li> <li>Curriculum addressing various SDGs not mentioned</li> <li>The department wants to give one 04 credit course in 3rd semester but with one year of research it is not possible.</li> <li>As per the Expert if department wants to cover more theory then they can go with 3+1 option for their program.</li> <li>Question paper analysis as per Bloom's taxonomy not done.</li> <li>Analysis of curriculum feedback to be done</li> </ul>
		<ul> <li>Issues raised by the department:</li> <li>There is a need of HRTEM in the university</li> <li>Revisit Vision and Mission of the department and university align with curriculum</li> </ul>
12.	Mathematics and Statistics (offering 2+2 option in both the programs)	<ul> <li>Dissertation or training in reputed institution can be added.</li> <li>PO of PhD to be modified</li> <li>Industry connect is not much, invite industry and learn about their needs</li> <li>Offering Vedic Astronomy can explored</li> <li>Analysis of curriculum feedback to be done</li> <li>Issues raised by the department:</li> <li>Workstations required</li> </ul>
13.	Computer Science & Technology	<ul> <li>Alignment of curriculum with Vision and Mission of the university not done</li> <li>Curriculum addressing various SDGs not mentioned</li> <li>Analysis of feedback is to be done</li> <li>AI minor as a university wide course is proposed</li> <li>AI for Education to be offered</li> <li>Analysis of curriculum feedback to be done</li> </ul>

A Me Spring of the spring of t

Date: 24thApril 2025: IQAC Committee Room

The Committee:

- 1. Prof. A. S. Chandel, Retd. Professor, NEHU (External Expert)
- 2. Dean In-charge Academics
- 3. Prof V.K Garg
- 4. Prof Sanjeev Thakur
- 5. Dean of the Concerned School
- 6. Head of the Department
- 7. Member, IQAC
- 8. Director IQAC Convener

Sr. No.	Departments	Observations
14.	Environmental Science & Technology (offering both 3+1 and 2+2 options)	<ul> <li>The vision and mission of the university aligned with the curriculum.</li> <li>SDGs matched with the curriculum</li> <li>Question paper analysis as Bloom's Taxonomy in with action verbs done</li> <li>Evaluation and examination pattern to be revised</li> <li>Good number of student's feedback regarding curriculum has been received and the suggestions have been incorporated in the curriculum.</li> <li>Issues raised by the department:</li> <li>Considering the low intake for PG Diploma, it should allow to be conducted at local level and advertised</li> </ul>
15.	Geography (offering both 3+1 and 2+2 options)	<ul> <li>Detailed syllabus not submitted during the audit.</li> <li>1st semester course work has to be same in both options</li> <li>Curriculum addressing various SDGs not mentioned</li> <li>Revise the evaluation and examination pattern</li> <li>Feedback analysis to be done and suggestions to be incorporated in the curriculum.</li> <li>Question paper analysis as per Bloom's taxonomy not done.</li> </ul>

Bush of My

No.

Spri

A SP ST



16.	Geology (offering both 3+1 and 2+2 options)	<ul> <li>Detailed syllabus not submitted during the audit, rather curriculum of session 2024 submitted.</li> <li>The vision and mission to be aligned with curriculum</li> <li>CLOs not updated, need to revise the CLOs.</li> <li>Feedback analysis to be done and suggestions to be incorporated in the curriculum.</li> <li>Question paper analysis as per Bloom's taxonomy not done.</li> </ul>
17.	Mass Communication and Media Studies (offering 2+2 option)	<ul> <li>SDGs matched with the curriculum</li> <li>Option for Internship/apprenticeship may be added along with dissertation</li> <li>Analysis of curriculum feedback to be done.</li> </ul>
18.	Library and Information Science (offering 2+2 option)	<ul> <li>The vision and mission to be aligned with curriculum</li> <li>Curriculum addressing various SDGs not mentioned</li> <li>Option for Internship/apprenticeship may be added along with dissertation</li> <li>Analysis of curriculum feedback is completed.</li> </ul>

Me

Directo , L. Ou Tr. ranco े प तिर्देशक , क. गुणव . न प्रकारक Central Univo ity of Pur jab

7, hr

amit.

V19 E



Date: 24thApril 2025

Venue: VC Committee Room

#### The Committee:

1. Hon'ble Vice Chancellor - Chairperson

- 2. Prof. AK Chakrawal, Vice-Chancellor Guru Ghasidas Vishwavidyalaya (External Expert)
- 3. Dean In-charge Academics
- 4. Director, R & D Cell
- 5. Prof. V.K. Garg
- 6. Prof. Sanjeev Thakur
- 7. Dean of the Concerned School
- 8. Head of the Department
- 9. Member, IQAC
- 10. Director IQAC Convener

Sr. No.	Departments	Observations
19.	Hindi (All 4 semester course work and 3+1 option)	<ul> <li>Vision and Mission to be aligned with curriculum</li> <li>Curriculum addressing various SDGs not mentioned</li> <li>Plan some specific Hindi speaking and writing courses for international students</li> <li>New Skill based Courses has been added</li> <li>Question paper analysis as per Bloom's taxonomy not done.</li> </ul>
		Suggestions by Expert: Industrial visit of one credit (40-45 hrs) may be added Add more practical components and skill enhancement courses Course on Pali language should be started Field visit should be evaluated Myth about Hindi is that the placements are low Dept. can collaboration with Guru Ghasidas Vishwavidyalaya for promotion of Hindi Every Friday workshop on content writing should be organised. Activities such as "लेखक से भेट" may be organised. Hindi Journal should be started; department already has a Journal called "ShodhVarta"

Brings 16

Mil

Jan His yes



	Intendiaciplinam	<ul> <li>Add apprenticeship</li> <li>For dissertation books may be translated to Hindi and published.</li> <li>Instead of dissertation students may be given option to get industry experience and Patrakarita.</li> <li>The evaluation pattern for translated published book or industry experience may be decided in line with university guidelines.</li> </ul>
20.	Centre for Languages and Literary Studies	<ul> <li>Course codes to various Certificate and PG to be allocated as be university wide notification.</li> </ul>
21.	English  (All 4 semester course work and 3+1 option)	<ul> <li>The mission of the department should have component of environment such as Eco-aesthetics, Eco-lingual etc.</li> <li>Curriculum addressing various SDGs not mentioned</li> <li>Add more practical components and skill enhancement courses.</li> <li>Question paper analysis as per Bloom's taxonomy not done.</li> <li>Analysis of feedback is to be done</li> <li>Suggestions by Expert: <ul> <li>Instead of only dissertation, the students may be given the option for publishing the translated work/industry experience.</li> <li>Famous plays can be scripted by the students and presented at the university level.</li> <li>Literary activities should be planned and published in the department magazine.</li> </ul> </li> <li>Issues raised by the department: <ul> <li>To establish a department Library</li> </ul> </li> </ul>
22.	Performing and Fine Arts  (All 4 semester course work and	<ul> <li>The sitting space for the PhD Scholar is limited.</li> <li>Curriculum addressing various SDGs not mentioned</li> <li>Ph.D. (Fine Arts) proposed for session 2025-26.</li> <li>Question paper analysis as per Bloom's taxonomy not done.</li> <li>Analysis of curriculum feedback not done</li> <li>Students can earn by utilising their expertise of performing</li> </ul>
	21.	20. Languages and Literary Studies  English (All 4 semester course work and 3+1 option)  21.  Performing and Fine Arts  (All 4 semester (All 4 semester)

Ar Me

He with any

J. w

	3+1 option in	arts.
	both the	Suggestions by Expert:
	programs)	<ul> <li>More field based student's engagement.</li> </ul>
		<ul> <li>The department should work for the popularisation of</li> </ul>
		folklore and highlight the scientific concepts of folklore.
		The department of Hindi, English, Punjabi and PFA should
		collaboratively conduct Literary activities.
		Issues raised by the department:
		There should be a policy for participation in cultural
		activities.
		If a student from other department, participate in University
		level activities organised by the department of PFA, credit
		can be given.
	D 1 .	
	Punjabi	Vision and Mission to be aligned with curriculum is pending
	(All 4 semester	Curriculum addressing various SDGs not mentioned
	course work and	Analysis of curriculum feedback not done
	3+1 option)	
	,	Suggestions by Expert:
		Few online courses for Punjabi Learning can be started after
		taking permission from UGC specially for NRI or non-
		Punjabi speaking.
		<ul> <li>Punjabi teaching can help the students to earn while they</li> </ul>
23.		learn.
		Instead of only dissertation, the students may be given the
		option for publishing the Punjabi translated work/industry
		experience
	,	Popular Hindi/ English literature can be translated to
		Punjabi and published.
		Dictionary for Punjabi words may be prepared where there
		are no words in English/Hindi
		<ul> <li>Punjabi Folk competition should be organised.</li> </ul>
		<ul> <li>More collaboration with Performing Arts Department.</li> </ul>
	Economic	Curriculum addressing various SDGs elaborated well
	Studies	Question paper analysis done as per Bloom's taxonomy
24.	Studies	• Curriculum feedback analysis dolle as per bloom's taxonomy
	(offering both	<ul> <li>Curriculum feedback analysed and suggestions incorporated in the curriculum.</li> </ul>
	3+1 and 2+2	moorporated in the curriculum.

Trud

My

Has

SON WILL

	options)	Suggestions by Expert:
		<ul> <li>More skill based courses should be offered</li> <li>Boftware trainings may be organised in collaboration with industry.</li> </ul>
		<ul> <li>Industry partners may be invited to understand their needs.</li> <li>Placement is not much hence campus placement should be planned.</li> </ul>
	History	<ul> <li>Vision and Mission of the department to be revised as they look like objectives.</li> </ul>
	(offering both 3+1 and 2+2 options)	DEC to be offered by the department has to be added as a list.
	(7,1101)(8)	<ul> <li>Question paper analysis as per Bloom's taxonomy not done.</li> <li>Analysis of curriculum feedback not done</li> </ul>
		Suggestions by Expert:
25.		<ul> <li>Introduce field based courses</li> </ul>
20.		<ul> <li>More practical components and skill enhancement courses can be added.</li> </ul>
		<ul> <li>The conventional teaching will not help the students rather training is important.</li> </ul>
		<ul> <li>If some courses are missed in 2+2 option then, they can be opted from MOOCs</li> </ul>
		<ul> <li>Along with dissertation some more options to document the National Achieves and documenting other historical data can be proposed.</li> </ul>
	Sociology	<ul> <li>Curriculum addressing various SDGs not mentioned</li> <li>About 25% of curriculum is updated</li> </ul>
	(offering only 3+1 option)	<ul> <li>Question paper analysis as per Bloom's taxonomy not done.</li> <li>Analysis of curriculum feedback not done</li> </ul>
		Few new courses such as Practice exercise in Sociology – and Practice exercise in Sociology – II added.
26.		<ul> <li>Evaluation pattern as per the university wide notification is missing in the curriculum.</li> </ul>
		Options for MEME is missing.
		Suggestions by Expert:
		<ul> <li>Internship and Social outreach activities should be added in the curriculum.</li> </ul>

MA A

Carried -

1. ~ ~

	More skill based courses should be offered
Psychology (offering both 3+1 and 2+2 options)	<ul> <li>Curriculum addressing various SDGs elaborated well</li> <li>Question paper analysis as per Bloom's taxonomy to be done.</li> <li>Analysis of curriculum feedback done, students want internships of two months.</li> <li>Suggestions by Expert:         <ul> <li>Students should be given training for counselling</li> <li>Get connected with hospitals for placements and trainings.</li> </ul> </li> </ul>
Financial Administration (offering both 3+1 and 2+2 options)	<ul> <li>Detailed structure not submitted during audit</li> <li>Equal distribution of contents required.</li> <li>Curriculum addressing various SDGs not mentioned.</li> <li>Question paper analysis as per Bloom's taxonomy to be done.</li> <li>A new course "AI in Business" introduced</li> <li>Analysis of curriculum feedback done.</li> <li>New courses in PhD offered: <ul> <li>Sustainable Accounting</li> <li>Financial Technology</li> <li>Climate Finance</li> <li>Green HRM</li> </ul> </li> </ul>
	<ul> <li>Suggestions by Expert:</li> <li>Entrepreneurship course should be there in both the options</li> <li>Green HRM may be modified to Green RM</li> <li>Add few Skill based new courses</li> <li>Internship/ Field exposure should be added</li> <li>Financial Technology should be offered in PG programs too.</li> </ul>
South & Central Asian Studies (offering only 2+2 option)	<ul> <li>Curriculum addressing various SDGs elaborated well</li> <li>Question paper analysis as per Bloom's taxonomy to be done.</li> <li>Analysis of curriculum feedback is to be done</li> <li>Along with dissertation some more options such as Internship should be offered</li> </ul>
	(offering both 3+1 and 2+2 options)  Financial Administration (offering both 3+1 and 2+2 options)  South & Central Asian Studies (offering only

Ohny.

#

M

M Jul

H YRIZ



# पंजाब केन्द्रीय विश्वविद्यालय/**धंनाप्त वेंस्वी** जुठीस्विप्तिर Central University of Punjab

A Central University established by an Act of Parliament

#### INTERNAL QUALITY ASSURANCE CELL

30.	Education (offering only 3+1 option for MA Edu.)	<ul> <li>Add web-links for suggested readings</li> <li>Elaborate research competencies course</li> <li>Along with dissertation some more options such as Internship should be offered</li> <li>Placement low, need more efforts for campus placement</li> </ul>
31.	Physical Education (offering only 3+1 option)	<ul> <li>Vision and Mission to be aligned with curriculum</li> <li>Curriculum addressing various SDGs not mentioned</li> <li>Question paper analysis as per Bloom's taxonomy to be done.</li> <li>Along with dissertation some more options such as Internship should be offered</li> <li>Two new courses added</li> <li>Evaluation of criteria need to be updated</li> <li>Analysis of curriculum feedback is to be done</li> </ul>
32.	Law (offering both 3+1 and 2+2 options)	<ul> <li>Vision and Mission to be aligned with curriculum</li> <li>Curriculum addressing various SDGs not mentioned</li> <li>PhD – Two new courses added</li> <li>Question paper analysis as per Bloom's taxonomy to be done.</li> <li>Analysis of curriculum feedback is to be done</li> </ul>

#### Signature of Members of IQAC

Prof. Raj Kumar

Dr. Preeti Khetarpal

Prof. Anil Kumar Mantha

Prof. Vinod Kumar

Dr. Parvinder Singh

Prof. P. K. Mishra

Director, Internal Quality Assurance Call निर्देशक, आंतरिल गुणवन् सुनिश्नान प्रकोप्ड Central University of Punjab षंजाब केंद्रीय विश्वविद्यालय Village Ghudda/ग्राम धुधा Dist. Bathinda-151 401 िता भटिए।-151 401

पंजाब केन्द्रीय विश्वविद्यालय/धीनाष्ठ वेंस्वी जुठीस्विधिटें Central University of Punjab A Central University established by an Act of Parliament

INTERNAL QUALITY ASSURANCE CELL				
Prof. K. N. Yogalakshmi	Prof. Ramanpreet Kaur			
Prof. J. K. Patranaik	Prof. Sunil Mittal			
Dr. Bali Bahadur	Prof. Sandeep Kaur (Member nominated by IQAC)			
Signature of Members of Committee				
Dr. Sesadeba Pany	Prof. Sanjeev Kumar			
Prof. V. K. Garg	Prof. Anjana Munshi			
Nom 6/5/2025				
प्रो. मोनीषा धीमान निर्देशक, आतंरिक गुणवत्ता सुनिश्चयन प्रकोष्ठ				
Dean Incharge Academics	16/3/25			
W 3 23				
Hon'ble Vice Chancellor	Director TOAC			