

INTERNAL QUALITY ASSURANCE CELL

Curriculum Audit Report 2021

The curriculum Audit was conducted online from 10th May 2021 to 13th May 2021. The following committee was constituted by the Competent Authority to conduct the curriculum audit:

1. Prof. Ramakrishna Wusirika, Dean Incharge Academics
2. Prof. S. K. Bawa, Director IQAC
3. Mr. Rajendra Kalra, Deputy Registrar, Programme Development Section
4. Head of the concerned Department
5. One Sr. faculty member of the concerned Department
6. One member of the IQAC

The Curriculum Audit of the following 31 departments was conducted successfully:

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|--------------------------------------------------|----------------------------------------|
| 1. Microbiology | 17. Economic Studies |
| 2. Botany | 18. English |
| 3. Environmental Science & Technology | 19. Financial Administration |
| 4. Geography | 20. Hindi |
| 5. Geology | 21. History |
| 6. Biochemistry | 22. Law |
| 7. Pharmacology | 23. Library and Information Science |
| 8. Physical Sciences | 24. Mass Communication & Media Studies |
| 9. Zoology | 25. Physical Education |
| 10. Applied Agriculture | 26. Psychology |
| 11. Chemistry | 27. Performing and Fine Arts |
| 12. Computer Science & Technology | 28. Education |
| 13. Human Genetics & Molecular Medicine | 29. Punjabi |
| 14. Mathematics and Statistics | 30. Sociology |
| 15. Computational Sciences | 31. South & Central Asian Studies |
| 16. Pharmaceutical sciences and Natural Products | |

The following suggestions were common for all the departments:

1. Graduate attributes are to be written in statement form and to be modified as suggested.
2. More discipline electives are to be added.
3. Reflection points are to be added.
4. Online tools are to be added.
5. Evaluation criteria to be modified according to the approved criteria for different courses.

However, the following suggestions were specific for the concerned department:

1. Microbiology

- a. Graduates attributes are to be written in statement form and to be modified as suggested
- b. More discipline electives are to be added
- c. Reflection points are to be added
- d. Credit distribution is to be modified in few courses
- e. Distribution of teaching hours needs modification in few courses
- f. Online tools are to be added
- g. Evaluation criteria is to be modified according to the approved criteria for different courses

2. Botany

- a. Graduates Attributes are to be modified and are to be written in statement form
- b. Modification in learning outcome is required in few courses
- c. Web resources are to be added.
- d. References are to be updated in uniform format
- e. Learning outcomes are to be modified
- f. Format needs to be changed
- g. Evaluation criteria as per the approved criteria is to be written
- h. Type of courses are to be corrected
- i. Names of teachers are to be deleted
- j. Courses for VAC/entrepreneurship/IDC and DEC are to modified
- k. Credit distribution in few courses needs modification
- l. Distribution of teaching hours is to be modified
- m. More online tools are to be added
- n. Evaluation of criteria is to be placed separately under the courses

3. Environmental Science & Technology

- a. Graduates attributes are to be modified
- b. Learning outcomes are to be modified
- c. Web resources are to be added
- d. References are to be written in single format
- e. Reflection in course learning outcomes is to be added
- f. Discipline electives from other/own departments are to be added
- g. Evaluation criteria is to be placed in separate course and to be modified as per approved criteria
- h. Dissertation/internship are to be mentioned as per policy
- i. IDC/VAC are to be added
- j. Hours are to be matched with credits
- k. Distribution of teaching hours needs modification in few courses
- l. Online modes are to be added
- m. Evaluation of criteria is to be placed under each course

4. Geography

- a. Graduate attributes are to be written in statement form and to be modified
- b. Equal distribution of contents is to be written in prescribed format and not units are required in practical,
- c. Web resources are to be added
- d. References are to be written in same format
- e. Reflection points are to be added
- f. Discipline electives are to be added from different related program
- g. Modification in dissertation is needed
- h. Teaching hours are to be modified in few courses
- i. Online tools are to be added
- j. Evaluation of criteria is to be given separately and approved criteria is to be used

5. Geology

- a. Graduate attributes are to be written in statement form and to be modified
- b. Equal distribution of contents is to be written in prescribed format and not units are required in practical,
- c. Web resources are to be added
- d. References are to be written in same format
- e. Reflection points are to be added
- f. Discipline electives are to be added from different related program
- g. Modification in dissertation is needed
- h. Teaching hours are to be modified in few courses
- i. Online tools are to be added
- j. Evaluation of criteria is to be given separately and approved criteria is to be used

6. Biochemistry

- a. Graduate attributes are to be modified and must match with the content
- b. Web resources are to be added
- c. References are to be updated in on format only
- d. Course learning outcomes is to be modified in few courses
- e. Use Higher ordered thinking skill in course learning outcomes
- f. More discipline electives are to be added
- g. Codes are to be given for IDC courses
- h. Types of courses are to be modified
- i. Title to Research proposal is to be given
- j. DEC in third semester is to be modified
- k. Evaluation criteria is to be written separately
- l. More practical are to be added
- m. Credit distribution is to be modified
- n. Distribution of teaching hours is to be modified
- o. Online tools are to be added
- p. Separate criteria is to be mentioned for internship, dissertation, IDC and VAC

7. Pharmacology

- a. Graduate attributes are to be written in statement form
- b. Course structure needs modification
- c. Research proposal is to be added
- d. Readings and web resources are to be added
- e. Assessment of course learning outcomes is to be added
- f. Distribution of courses needs modification
- g. Use of words of Higher ordered thinking skill
- h. Lecture hours are to be deleted
- i. Nomenclature of DEC is to be changed
- j. Title of entrepreneurship course is to be modified
- k. Distribution of teaching hours are to be modified in few courses
- l. Online tools are to be added
- m. Evaluation of criteria needs to be written for dissertation and research proposal
- n. Discipline electives are to be added
- o. Local problems related content are to be taught
- p. Techniques taught will be used at International level

8. Physical Sciences

- a. Graduate attributes are to be modified
- b. Course learning outcomes needs modification in few courses
- c. Web resources are to be added and are to be written in same format
- d. References are to be added and updated
- e. Reflections are to be added
- f. Distribution of courses is to be as per approved criteria
- g. No choice in curriculum is to be given
- h. Credit distribution in few courses needs modification
- i. Distribution of teaching hours is to be modified
- j. More transaction modes are to be added
- k. Online tools are to be added
- l. Evaluation of criteria is to be modified as per approved criteria
- m. More discipline electives are to be added

9. Zoology

- a. Graduate attributes are to be modified into statement form
- b. Course learning outcome is to be modified
- c. References are to be updated
- d. Web sources are to be added
- e. Discipline electives are to be added
- f. Credit distribution should be as per template
- g. Distribution of teaching courses is to be modified in few courses
- h. More transaction modes are to be added
- i. Online tools are to be added
- j. Evaluation of criteria is to be modified in Dissertation/VAC/IDC as per approved criteria
- k. More disciplines electives are to be added

10. Applied Agriculture

- a. Graduate attributes are to be written in statement form
- b. Equal distribution of contents is to be modified
- c. Course learning outcome is to be modified
- d. Format and suggested readings needs modification
- e. Web resources are to be added
- f. Reflections are to be written
- g. Course structure is to be modified
- h. Type of courses are to be modified
- i. Research proposal is to be written
- j. Credit distribution in few courses needs modification
- k. Distribution of teaching hours is to be modified
- l. More transaction modes are to be added
- m. Online modes are to be added
- n. Evaluation of criteria is to be written separately for each course
- o. Practical evaluation needs modification
- p. Discipline electives from related disciplines are to be added

11. Chemistry

- a. Graduate attributes needs modification
- b. Course learning outcome is to be modified
- c. Web resources are to be added
- d. References should be in same format
- e. Course learning outcomes is to be modified
- f. Distribution of courses needs modification
- g. Tutorials are to be deleted
- h. Practical course is to be renamed
- i. Seminars are to be deleted
- j. Abbreviations are to corrected
- k. Research proposal is to be added
- l. More discipline electives from other departments are to be added
- m. Credit distribution for entrepreneurship, tutorial, discipline electives, seminars, skill based courses are to be checked and modified
- n. Distribution of teaching hours is to be changed in dissertation and research proposal
- o. Skill bases hours are to be checked
- p. More practical are to be added
- q. Online modes are to be added
- r. Evaluation of criteria is to be modified and added course wise

12. Computer Science & Technology

- a. Graduate attributes are to be modified
- b. Course learning outcome needs to be modified
- c. Web resources are to be added
- d. Latest references are to be added
- e. Management course is to be offered by management department
- f. Distribution of teaching hours is to be modified
- g. Online modes/tools are to be added

13. Human Genetics & Molecular Medicine

- a. Graduate attributes are to be modified
- b. More elective courses are to be added
- c. Web resources are to be added
- d. Reflection is to be written
- e. Discipline electives from other disciplines are to be added
- f. Distribution of teaching hours is to be modified
- g. More transaction modes are to be added
- h. Online tools are to be added
- i. Evaluation of criteria is to be modified as per approved criteria and to be written course wise

14. Mathematics and Statistics

- a. Graduate attributes are to be written in statement form
- b. Course learning outcome needs to be modified in few courses
- c. Web resources are to be added and format should be same
- d. Reflections are to be added
- e. Dissertation, VAC/IDS as per approved template is to be modified
- f. Credit distribution needs modification in few courses
- g. Distribution of teaching hours is to be modified in few courses
- h. Online tools are to be added
- i. Evaluation of criteria should be written separately as per approved criteria

15. Computational Sciences

- a. Graduate attributes are to be modified and is to be written in statement form
- b. Course learning outcome needs modification
- c. Balance in 1st and 3rd semester credits is required
- d. Improve title of DEC
- e. One compulsory course is to be reduced
- f. Research methodology is compulsory foundation
- g. Practical are not to be written in units
- h. Latest references are to be added
- i. Web resources are to be added
- j. Reflection is to be added
- k. More electives courses are to be added
- l. Add more practical in 1 credit course
- m. Contents are to be added in LBI524
- n. Distribution of teaching hours in practical hours is to be modified
- o. Teaching Hours did not match with contents
- p. More transaction modes are to be added
- q. Online tools are to be added
- r. Evaluation for practical courses is to be written
- s. Evaluation schedule for dissertation is to be modified
- t. Discipline electives are to be added

16. Pharmaceutical sciences and Natural Products

- a. Graduate attributes are to be modified to present in a statement form
- b. In research problems and dissertation course, learning outcomes are to be modified
- c. Web resources are to be added
- d. Books updation is required
- e. Assessment of course learning outcomes is to be added after each unit
- f. Dissertation course is to be modified
- g. Research proposal is to be added
- h. More elective courses are to be added from other departments
- i. Course structure is to be modified and credits are to be increased in 3rd semester
- j. Distribution of teaching hours is to be modified
- k. Online tools are to be added
- l. Transaction modes are to be increased
- m. Evaluation for practical courses are to be modified and break-up is to be given
- n. Disciplines electives are to be added from other related discipline

17. Economic Studies

- a. Graduate attributes are to be modified and should be in statement form
- b. Course learning outcome is to be modified
- c. Web resources are to be added and format should be same
- d. Assessment of course learning outcome is to be added under each unit to reflect whatever they have learnt in that unit
- e. IDC is to be added in 1st semester
- f. MOOCs are to be added
- g. VAC is to be shifted to 2nd semester
- h. One course is to be shifted to 3rd semester
- i. Total hours are to be added
- j. Practical evaluation criteria is to be added and subdivided
- k. Distribution of teaching hours need to be added
- l. More online tools are to be added
- m. Evaluation of criteria is to be modified as per approved format
- n. More disciplines electives are to be added

18. English

- a. Graduate attributes are to be written in statement form
- b. Course learning outcome is to be modified
- c. Web resources are to be added
- d. Reflection is to be added and format should be same
- e. MOOC are to be deleted
- f. VAC is to be shifted to 2nd semester
- g. Credits of dissertation are to be corrected
- h. Interchange VAC with DEC in 2nd semester
- i. Distribution of teaching hours is to be modified in few courses

- j. Online tools are to be added
- k. Evaluation of criteria is to be modified as per approved format

19. Financial Administration

- a. Graduate attributes are to be modified
- b. Course learning outcome is to be modified in few courses
- c. References are to be written in same format
- d. Reflection is to be added
- e. Dissertation is to be modified
- f. Research proposal is to be added
- g. Practical in research proposal is to be changed
- h. Credit distribution in each course needs modification in few courses
- i. Distribution of teaching hours is to be modified
- j. Mode of transaction is to be modified for different courses
- k. VAC evaluation criteria is to be mentioned
- l. Evaluation criteria in research proposal, dissertation should be changed
- m. More discipline electives are to be added

20. Hindi

- a. Graduate attributes are to be modified into statement form
- b. References should be in same format
- c. Reflections are to be added
- d. DSE is to be converted to DE
- e. Credit of practical course is to be changed
- f. Credits of research proposal is to be modified
- g. DE is to be mentioned
- h. EFC to be deleted
- i. Hours of dissertation are to be changed
- j. Credit distribution is to be modified
- k. Distribution of teaching hours is to be modified in few courses
- l. ICT tools are to be added
- m. Course wise evaluation criteria is to be given separately
- n. DE are to be added

21. History

- a. Graduate attributes are not written.
- b. Programme learning outcome are to be replaced by graduate attributes
- c. Course learning outcome needs modification
- d. References are to be updated
- e. Web resources are to be added
- f. Assessment of course learning outcomes needs to be written after every unit
- g. MOOCs as course is to be deleted
- h. Credit distribution is to be modified
- i. Distribution of teaching hours is to be modified in research proposal and dissertation

- j. Online tools are to be added
- k. Evaluation of criteria is to be placed under each course
- l. Five discipline electives are being offered

22. Law

- a. Graduate attributes is to be added in statement form
- b. References should be in same format
- c. Web resources are to be added
- d. Reflections are to be added
- e. One core course is to be added
- f. IDC is to be added in 1st, VAC in 2nd semester
- g. Dissertation proposal is to be changed in research proposal
- h. Credit dissertation is to be changed for practical course, research proposal, dissertation and one core course
- i. Distribution of teaching hours is to be changed for dissertation and practical courses
- j. Online tools are to be added
- k. Evaluation of criteria is to be written separately as approved
- l. Offering only two electives for choice

23. Library and Information Science

- a. Graduate attributes is to be modified and written in statement form
- b. Learning outcomes are to be deleted
- c. Web resources are to be added
- d. VAC is to be shifted to 2nd semester
- e. IDC is to be shifted to 1st semester
- f. Seminar is to be deleted
- g. MOOC and DEC are to be deleted
- h. Credit distribution is to be modified in few courses
- i. Distribution of teaching hours needs modification
- j. More online tools are to be added
- k. Evaluation of criteria is to be written separately for each course
- l. More DE are to be added

24. Mass Communication & Media Studies

- a. Graduate attributes are to be written in statement form
- b. References are to be added in same format
- c. Web resources are to be added
- d. Reflections are to be added
- e. Distribution of courses for Dissertation, DEC, VAC and ICT is to be modified
- f. Distribution of teaching hours is to be modified in few courses
- g. Evaluation of criteria is to be modified
- h. DE is to be added

25. Physical Education

- a. Graduate attributes are to be written again in statement form
- b. Web resources are to be added

- c. Same format should be applied
- d. Reflections are to be added
- e. IDC and VAC are to be shifted
- f. Sports Psy is to be shifted
- g. Credit distribution is to be modified
- h. Distribution of teaching hours needs modification in few courses
- i. Online tools are to be added
- j. Evaluation of criteria is to be modified as per the approved criteria

26. Psychology

- a. Graduate attributes are to be modified for both programmes
- b. Web resources are to be added
- c. APA format is to be used
- d. References should be updated
- e. Reflections are to be added
- f. MOOC is to be removed
- g. Research proposal is to be modified
- h. DEC is not a core course
- i. Credits of internship and dissertation are to be changed
- j. Practical is to be come under skill based
- k. Research proposal is compulsory foundation
- l. Credit distribution is to be modified
- m. Distribution of teaching hours is to be modified in few courses
- n. Online tools are to be added
- o. Evaluation of criteria is to be written course type wise as approved
- p. More DE are to be added

27. Performing and Fine Arts

- a. Graduate attributes are to be written in statement form
- b. References are to added and updated
- c. Web resources are to be added
- d. Reflections are to be given under each unit
- e. 4th semester is to be adjusted
- f. All courses are to be arranged as per template
- g. Credit distribution is to be modified
- h. Distribution of teaching hours needs modification
- i. More transaction modes are to be added
- j. Online tools are to be added
- k. Evaluation of criteria is to be modified as per approved criteria
- l. More DE are to be added

28. Education

- a. Graduate attributes are to be modified
- b. References are to be updated
- c. Web resources are to be added
- d. Reflections are to be added
- e. Distribution of courses is to be modified
- f. Service learning is to be added

- g. Credit distribution is to be modified
- h. Distribution of teaching hours is to be modified in few courses
- i. Evaluation of criteria needs modification as per approved criteria

29. Punjabi

- a. Graduate attributes is to be modified
- b. Web resources are to be added
- c. It should be in the same format
- d. Reflections are to be added
- e. CFC course is to be replaced
- f. Practical are to be added
- g. Online tools are to be added
- h. Evaluation of criteria needs to be modified as per approved criteria

30. Sociology

- a. Graduate attributes are to be written in statement form
- b. Course learning outcome is to be modified
- c. References are to be updated in single format
- d. Web resources are to be added
- e. Reflections are to be added
- f. DE is to be added
- g. Research proposal is to be developed
- h. Credits for dissertation are to be modified
- i. Credit distribution is to be modified
- j. Distribution of teaching hours needs modification
- k. Online tools are to be added
- l. Evaluation of criteria is to be modified as per approved criteria
- m. More discipline electives are to be modified

31. South & Central Asian Studies

- a. Graduate attributes are to be written in statement form
- b. References are to be update and should be in the same format
- c. Web resources are to be added
- d. Reflections have to be added
- e. Credit of research proposal is to be modified
- f. Credit distribution is to be modified
- g. Distribution of teaching hours is to be modified in few courses
- h. Online tools are to be added
- i. Mode of transactions are to be added
- j. Evaluation of criteria is to be modified as per approved criteria
- k. Discipline electives are to be added