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Report of Workshop on Bloom's Taxonomy

Workshops on "Effective Question Paper Setting and Assessment of CLOs using Bloom's Taxonomy" were organised by IQAC in four groups involving all the departments. Prof. V. K. Garg and Dr. Sesadeba Pany were the Resource Persons in the Workshops. These workshops were organised in the Activity Hall, Ground Floor.

First Workshop was organised on 24th July 2025 at 3:00 PM
The faculty from the following departments attended the workshop:
1. Environmental Science and Technology
2. Mass Communication
3. Psychology
4. Chemistry
5. Library Sciences
6. Microbiology
7. Education

Prof. Monisha Dhiman, Director IQAC gave the introduction about the workshop. A special session on *"Typologies of Indian Philosophy"* was delivered by Prof. Raghavendra Tiwari, Hon'ble Vice Chancellor, CU Punjab. Resource Persons of the workshop were Prof. V. K. Garg and Dr. Sesadeba Pany. Prof. V. K Garg discussed about NEP-2020 and its role higher-order

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thinking skills which is aligned with Bloom's Taxonomy. In the second session Dr Pany introduced the Bloom's Taxonomy and emphasised how the Bloom's levels of remembering, understanding, applying, analyzing, evaluating, and creating can be utilised in setting up the question papers to assess the learning levels of the students. In the second half of the workshop hands-on training for preparing the question papers was given where one representative from each department presented the paper which was prepared by their team. The question papers were discussed and analysed by the experts from Department of Education and suggestions/inputs were provided. Forty-Five members in total attended the first workshop on Bloom's Taxonomy from the above seven departments.

Some glimpses of the workshop:

Second Workshop was organised on 31st July 2025 at 2:30 PM
The faculty from the following departments attended the workshop:
1. Geology
2. Hindi
3. Human Genetics and Molecular Medicine
4. Law
5. Pharmaceutical Sciences and Natural Products
6. Performing and Fine Arts
7. South Central Asian Studies
8. Zoology

Prof. Monisha Dhiman, Director, IQAC started the session with the welcome note and introduced the participants about the workshop. Prof. Kiran Hazarika, Pro-Vice Chancellor addressed the participants where he applauded the efforts of the organisers and Prof. V. K. Garg in organising such

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workshop which will train the faculty in-house to prepared the question paper as per Bloom's Taxonomy and assess the CLOs which is one of the crucial parameters of NAAC assessment. Prof. V.K. Garg, the resource person for the workshop started his presentation by elaborating the purpose of conducting the workshop and briefed the participants about NEP-2020 and its role in holistic education. Dr Pany in the second session emphasised how the Bloom's Taxonomy and Bloom's levels of remembering, understanding, applying, analyzing, evaluating, and creating can be utilised in setting up the question papers to assess the learning levels of the students. In the second half of the workshop hands-on training for preparing the question papers was given where one representative from each department presented the paper which was prepared by their team. The question papers were discussed and analysed by the experts and suggestions/inputs were provided. Fifty-One members from above eight departments in total attended the second workshop on Bloom's Taxonomy.

Some glimpses of the workshop:

Third Workshop was organised on 08 August, 2025 at 2:30 PM
The faculty from the following departments attended the workshop:
1. Biochemistry
2. Computational Sciences
3. English
4. Financial Admin.
5. Geography
6. Pharmacology
7. Physical Education
8. Sociology

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The third workshop started with the welcome address by Prof. Monisha Dhiman, Director, IQAC and she introduced the participants about the workshop. Prof. V.K. Garg, the resource person for the workshop started his presentation by elaborating the purpose of conducting the workshop and briefed the participants about NEP-2020 and emphasised that the education is crucial for developing critical thinking, problem-solving, and analytical skills essential for 21st-century challenges, hence understanding the Bloom's Taxonomy can provide the basis for assessment reforms leading to holistic growth of learner. Dr Pany in the second session emphasised how the Bloom's Taxonomy and Bloom's levels of remembering, understanding, applying, analyzing, evaluating, and creating can be utilised in setting up the question papers and to assess the learning levels of the students. In the second half of the workshop hands-on training for preparing the question papers was given where one representative from each department presented the paper which was prepared by their team. The question papers were discussed and analysed by the experts and suggestions/inputs were provided. Thirty members in total attended the third workshop on Bloom's Taxonomy from the above eight departments.

Some glimpses of the workshop:

Fourth and the last Workshop was organised on 22th August, 2025 at 2:30 PM

The faculty from the following departments attended the workshop:
1. Punjabi
2. History

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3. Computer Science and Technology
4. Applied Agriculture
5. Mathematics and Statistics
6. Physics
7. Pharmaceutical Sciences and Natural Products
8. Economics

The fourth workshop on Bloom's Taxonomy was presided over by Hon'ble Vice Chancellor. In his address, Prof. Raghavendra Tiwari emphasised that Bloom's Taxonomy is a framework that classifies different levels of human cognition and enables us to inculcate higher-order thinking skills among the learners. Creating effective questions and assessment can accurately measure student learning at each cognitive level. Prof. V.K. Garg, the resource person for the workshop briefed the participants about NEP-2020 and emphasised that the education is crucial for developing critical thinking, problem-solving, and analytical skills. Dr Pany in the second session emphasised how the Bloom's Taxonomy and Bloom's levels of remembering, understanding, applying, analyzing, evaluating, and creating can be utilised in setting up the question papers and to assess the learning levels of the students. In the second half of the workshop hands-on training for preparing the question papers was given. Representatives from each department presented their paper which was analysed by the experts and the inputs regarding the question paper was provided. Forty-Four members in total attended the fourth and the last workshop on Bloom's Taxonomy from the above eight departments.

Some glimpses of the workshop:

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Outcomes of the Workshop are:

1. To write clear learning objectives
2. Use of the action verbs during setting the question paper.
3. Design effective assessments
4. Plan learning activities that foster higher-order thinking skills in students
5. Aligning the CLOs with the taxonomy's cognitive levels from remembering to creating.
6. Enhancing the quality and effectiveness of teaching and learning.
7. The question paper for the End semester examination at CU Punjab will be prepared based on the Bloom's Taxonomy.

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निर्देशक

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Dean Incharge Academics

Hon'ble Vice Chancellor