REPORT

FIVE DAYS' WORKSHOP ON CURRICULUM DEVELOPMENT

Date: 6/02/2023

Time: 2.30 pm to 5.30 pm

Venue: Seminar hall, 3rd floor, Aryabhata Academic block

Topic: Identification process of Advanced and Slow Learners and Remediation

Chief Guest: Prof. B.K.Tripathy, Former Director, NCERT, New Delhi & Director, IUCTE, Banaras Hindu University, Varanasi

Resource person: Prof. Alok Gardia, Faculty of Education, Banaras Hindu University, Varanasi

The five days' workshop on Curriculum development started on 6th February 2023 at 2.30 pm in the Seminar hall, 3rd floor, Aryabhata Academic block. To actualize NEP-2020's vision of enhancing the competency of higher education teachers and to develop innovative multidisciplinary programmes , the Department of Education in Collaboration with Internal Quality Assurance Cell (IQAC) of Central University of Punjab organized a five-day Workshop on Curriculum Development from 6–10 February, 2023.

The inauguration of the workshop was presided by the Hon Vice Chancellor, Prof. Raghavendra P. Tiwari and Prof. B.K. Tripathy, Former Director, NCERT, New Delhi & Director, IUCTE, Banaras Hindu University, Varanasi as the Chief guest. Prof. Monisha Dhiman, Director IQAC welcomed all the dignitaries and participants and also briefed about the objectives of the workshop. She mentioned that this workshop will empower participants to upgrade themselves with the concept of curriculum and the processes involved in its designing, development, and enrichment; Identification process of Advanced and Slow Learners and Remediation; Development of Graduate Attributes, Programme or Course Learning Outcomes, Tools & Techniques for Assessment and Mapping in higher Education. Faculty from CUPB and six other Higher Education Institutions from the region participated in the workshop.

Prof. B.K. Tripathy, in his inaugural address focussed on some of the crucial aspects of curriculum development emphasising the need for revising the curriculum in the light of NEP 2020. He stressed that there is a need to identify the lacuna in our curriculum and how to improve them should be our focus. The curriculum must be modified such that it can help in developing higher order thinking skills and life skills. He also mentioned that we must develop thoughtful and creative individuals for the nation and curriculum needs to be an integrated one and not in isolation and must be learner-centred. We are to equip our curriculum with the changed scenario. While addressing the participants, the chief guest, Prof. B.K. Tripathi, stated that the objective of Curriculum Development is to provide ample learning opportunities and educational experiences to create a good, thoughtful and creative human being. To achieve this objective, he stressed the adoption of a holistic development approach in all the processes of Curriculum Development viz, development of course content, pedagogy, assessment tools and programme learning outcomes. He inspired teachers to create lifelong learners by guiding the learners in the process of learning, creating an inclusive environment in the classroom and adopting innovative pedagogical and assessment tools. Prof. B.K. Tripathi further highlighted that NEP-2020 has illuminated the path to meet the 21st century learner's needs through the introduction of various transformative reforms such as encouragement for the development of interdisciplinary courses, multiple entry multiple exit options, choice-based credit system, academic bank of credits, etc. He expressed his hope that this workshop will equip teachers with the skills they need to create innovative course curricula that will pave the way for interdisciplinary and multidisciplinary studies.

In the presidential address by the Hon'ble Vice Chancellor, Prof. Raghavendra P. Tiwari, he expressed his gratitude towards Prof. Tripathy for enlightening the participants. He focussed that society is dynamic and hence changes are inevitable and curriculum should address to bring reforms. Prof, Tiwari stressed that curriculum is the solid foundation and the integration with society is vital while focusing on troubles/challenges the new generation is encountering. Curriculum should focus on ideal learning outcomes which needs to be futuristic in nature. He asserted that NEP 2020 reforms have been imbibed from time-tested reforms and their proper implementation will not only retain our learners in our own country, but also attract international students to study here. He stressed the importance of mapping of curriculum and also the need to be Lifelong (focusing on learning & re-learning) learners. He further stated that a well-designed curriculum aims to offer outcome-based learning to students and enable them to develop necessary skills in the era of Industrial Revolution 4.0.

Towards the end of the inaugural session, Dr. Shankar Lal Bika, Head & Dean, School of Education, Central University of Punjab, proposed formal vote of thanks and highlighted the importance of five days' workshop.

Followed by the inauguration there was a session by Prof. Alok Gardia, Faculty of Education, Banaras Hindu University, Varanasi on Identification Process of Advanced and Slow Learners & Remediation. He focussed on the Concept of advanced and slow learners and how to identify advanced and slow learners. He highlighted the need of an action plan for their improvement through Diagnostic test and remedial measures and positive teaching-learning practices for slow learners. It was suggested to assign one hour per week for slow learners which shall be dedicated on preparing of Question bank, working on Assignments, and solving of previous University question papers. Counselling can be also arranged for these learners focussing on special hints and techniques. He stressed that there can be special programme for slow learners such as Orientation programme, provision for self-learning materials, conducting of remedial classes, through carefully guided instruction, improved mentoring system, cooperative learning, and peer learning.



Date: 7/02/2023

Time: 2.30 pm to 5.30 pm

Venue: Seminar Hall, 3rd floor, Aryabhata Academic block

Topic: Process Involved in Curriculum Designing and Development

Resource Person: Prof. Saroj Bala Yadav, NCERT, New Delhi

The 2nd day of the five days workshop started with the introductory address by hon'ble Vice-Chancellor, Professor Raghavendra, P. Tiwari. Vice-Chancellor sir emphasized that opportunities for critical reflection of the topics in our syllabi should be given to the students if they want to score good marks in the exams. He laid stress on the fact that engagement of the students plays a very critical role in the class rooms and hence new innovative pedagogies such as flipped and blended learning should be used in the class rooms for teaching and learning for achieving desirable learning outcomes. Dr. Shankar Lal Bika (HOD, Department of Education) gave the introduction of the resource person. Subsequently Prof. Saroj Bala Yadav, Professor, Department of Education, NCERT, in her lecture focused on the various pillars of NEP 2020 such as access, equity, equality affordability and accountability. She started her lecture with four basic questions such as:

1. What educational purposes should our educational system seeks to provide.

2. What educational experiences can be prescribed to achieve the above mentioned purposes

3. How can these experiences can be meaningfully organized.

4. How do we ensure that these educational purposes can be accomplished.

She further pointed out that our curriculum and pedagogy must develop a sense of respect towards our fundamental rights and duties. She focused on incorporating flexibility in the curriculum innovation and institutional autonomy. She also laid stress on experiential learning, respect for diversity, synergy in curriculum at all levels and that faculty and students should be the main pivot of the teaching learning process. She further elaborated that more focus in the curriculum should be given to the development of ICT competencies and development of life skills among the learners to meet the needs of the globalization in the present scenario of cut throat competition. In the practicum part the resource person oriented the faculty towards the various steps of Curriculum design given below:

Steps of the Curriculum Design

We should frame our curriculum keeping in mind the following seven fundamental steps

1. Diagnosis of learner needs
2. Formulation of goals
3. Selection of content
4. Organization of the content
5. Selection of learning experiences
6. Organization of learning experiences
7. Curriculum evaluation

After the lecture Prof. Yadav conducted the practicum on curriculum design by dividing the faculty members into two groups that is science and social sciences. The faculty of both the groups were instructed to right the rationale for framing the curriculum, objectives, content, learning experiences and the evaluation part of their respective courses in detail. The faculty members were fully engaged in designing the curriculum of the respective PG Courses and after completion of the designing part, all the faculty members were asked to present their write up which was followed by discussion. The session ended with vote of thanks by Dr. Jubilee Padmanabhan.





Date: 8/02/2023

Time: 2.30 pm to 5.30 pm

Venue: Seminar Hall, 3rd floor, Aryabhata Academic block

Topic: Designing Learner Centric and Experiential Curriculum and Processes involved in Curriculum Enrichment

Resource Person: Prof. S. K. Yadav, NCERT, New Delhi

The 3rd day of the workshop on curriculum design was started with the encouraging and motivating words of hon'ble Vice-Chancellor, Professor Raghavendra, P. Tiwari. Vice-Chancellor sir highlighted how learner centric and experiential curriculum as emphasised by NEP 2020 can truly transform our educational system and the role of teachers towards their implementation. Sir presented his holistic views on different components of curriculum and gave stress on development of outcome based curriculum which is the need of the hour.

The resource person Prof. S.K.Yadav, in his talk discussed in detail about different modalities of learner centric and experiential curriculum. Prof. Yadav discussed different techniques to be followed under learner centric curriculum like active learning, brain storming, cooperative learning, inductive teaching and learning, and problem-based learning etc. on the other hand under experiential learning he discussed different techniques like laboratory, workshop or studio work, apprenticeship, problem-based learning, case-based learning, project-based learning, inquiry-based learning and cooperative (work- or community-based) learning.

In the second half of the session all the participants were asked to do some exercises on different components of designing of curriculum like description/introduction, relevance, learning outcomes, basic requirements, process involved. All the faculty members gave their presentation department wise where every one interacted with the resource person individually.

This session ended with the vote of thanks by Dr. Ramakrishna Wusirika, Dean Incharge Academics.







		

Date: 9/02/2023

Time: 2.30 pm to 5.30 pm

Venue: Seminar Hall, 3rd floor, Aryabhata Academic block

Topic: Development of Graduate Attributes, Programme Learning Outcomes and Course Learning Outcomes

Resource Person: Prof. Anil Kumar, NITTTR, Bhopal, M.P.

Theme of the fourth day of the workshop was "Outcome based Curriculum" and the resource person was Prof. Anil Kumar, Former Professor in Education, NITTTR Bhopal. At the outset, Prof. Kumar emphasized the importance of Teacher Training and talked about the changing dynamics of teaching and learning. He said that teacher cannot act as a fountainhead of knowledge, now his primary task is to facilitate the learning. Rote-learning is still a big problem in our education system and this problem can be eliminated only through Student-centric, engagement based, active learning.

Coming to the main theme of the session, Prof. Anil Kumar said that after the Washington Accord, Outcome based Education (OBE) gained momentum and accordingly, efforts are being made to design the curriculum according to the expected outcomes of the educational programmes. UGC and various other regulatory bodies have also recommended Outcome based curriculum (OBC). OBE as a system is focused on end result and it gives top priority to the learning accomplishments. He elaborated the four principles of OBEs i.e. Clarity of Focus, Expanded Opportunity, High Expectations and Design Down approach.

Through diagrams and flow-charts, Prof. Anil Kumar emphasized the interdependence and interconnectedness of Vision and Mission of the Institute/Department; Programme Educational

Objectives (PEOs), Programme Outcomes (POs), Graduate Attributes (GAs) and Course Outcomes (COs). He said that during the process of curriculum formation, instead of starting with content, focus should be on the vision, mission, PEOs and POs. Once outcomes are clear, then we should create the course-content accordingly.

He said that we need to differentiate between objectives and outcomes. Learning objectives are the broad statements that describe the expected achievements of the learners, while Programme Outcomes are the narrower statements that describe what students are expected to know and be able to do by the time of programme completion. After that, he shared few tips and examples for creating programme outcomes.

During the second session of the fourth day, Prof. Anil Kumar gave practical training of Outcome based Curriculum by conducted the session through group-assignment method. All the participants were divided into department/subject-wise groups and were told to create Programme Outcomes for any programme of their choice. Further, they were asked to create Course Outcomes for any one of the Programme Outcomes. Participants were given sufficient time to complete their task and then few of the groups were randomly selected for giving presentation of their work. Prof. Anil Kumar moderated the presentations and gave suggestions for further improvement. Overall, it was quite an informative and interactive session where all the faculty members participated enthusiastically and got insights to improve their curriculum. The session ended with the vote of thanks by Dr. Shamshir Singh Dhillon.



