## Guidelines for 2 Days online workshop on "Preparing School for Competency-based Education: Theory, Pedagogical Approaches, Assessment Tools & Techniques" (28th August-29th August, 2020)

This two-days online workshop is conceptualized in sync with importance emphasized by New Education Policy-2020. Ministry of Education, GOI has planned to reconfigure school education with focus on "Competency-based Education (CBE)" for bringing about tangible improvement in quality of learning outcomes of students and further making learning outcomes compatible with international benchmarks. For the adoption and implementation of CBE at Elementary and Secondary Stages, CBSE has issued circulars to schools. Further in recently released New Education Policy (NEP)-2020, reconfiguration of school education with focus on CBE has been emphasized and there is wide acceptance in NEP-2020 to drive schools for prioritizing their policies to improve learning outcomes.

National Accreditation Board of Education and Training (NABET) a constituent board of Quality Council of India (QCI) an autonomous national accreditation body under DPIIT, Ministry of Commerce and Industry, GOI has taken initiative to conduct two-days online workshop on *"Preparing School for Competency-based Education: Theory, Pedagogical Approaches and Assessment Tools & Techniques" (28th August-29th August, 2020.* This workshop aims at enabling participants (Principals, Teachers and other stakeholders) to:

- understand theoretical underpinning of *Competency-based Education (CBE)*
- understand major constituents and pillars of CBE
- understand relation among Competency, Learning References, Learning Outcomes and Behavioural descriptors
- acquire skills for making leaning outcomes measurable by specifying set of learning indicators
- understand format for framing learning indicators related to Learning Outcomes
- understand relation between *Bloom's Taxonomy and Dimension of Knowledge*
- acquire skills for mapping learning indicators on *"Bloom's Taxonomy x Dimension of Knowledge"*
- acquire skills for developing Competency-based Lesson planning & implementation in *Science, Language, Mathematics & Social Study*
- Understand *ENGAGE* Lesson Planning model for Competency-based Teaching-Learning Process
- Understand why *"Criterion-referenced Assessment"* techniques are used in Competency-based Education
- acquire skills for employing *"Criterion-referenced Assessment"* tools and techniques in Competency-based Teaching-Learning Process
- acquire skills for developing **Rubrics** for reporting of assessment data
- acquire skills for using *Portfolios* as assessment technique in Competency-based Teaching-Learning Process

Participants are requested to undergo following day wise schedule for better understanding of two-days online workshop:

| Session: Topic, Date & Timing | Expert & description of activities/sub-topics | Takeaway for participants | Assignment for participants |
|---|---|---|---|
| **Day-1 (28/08/2020), 1100-1130 HRS**<br><br>**Topics**: *Introductory session* | **Expert:**<br>Sr. Advisor, Quality Council of India (QCI), New Delhi<br>**Description of sub-topics:**<br>o  Setting agenda of two days online workshop on Competency-based Education (CBE) | o  Participants will get fair ideas about unfolding of two days online sessions | NIL |
| **Day-1 (28/08/2020), 1130-1300 HRS**<br><br>**Topics**: *Competency based Education (CBE): Meaning & Definitions of CBE, General Competency vs. Specific Competency, Constituents of CBE etc.* | **Expert Name:**<br>Dr. Payel Banerjee<br>Department of Education, Guru Ghasidas Central University, Bilaspur<br><br>**Description of sub-topics:**<br>o   Meaning & definitions of CBE<br>o   General Competency vs. Specific Competency<br>o   Constituents of CBE<br>o   Pillars of CBE<br>o   Relation between Competency, Learning Outcomes, Learning Indicators & Behavioural Descriptors<br>o   Overview of Learning Outcomes defined by NCERT for Elementary & Secondary classes<br>o   How to make Learning Outcome measurable through catalogue of | o  Understanding Competency-based Education<br>o  Understanding components & pillars of CBE<br>o  Acquiring skills for making learning outcomes measurable by specifying catalogue of learning indicators related to their school subjects | o  Making learning outcomes measurable as per template shared with participants<br><br>*(Assignment should be submitted before start of sessions on next day)* |

| Session: Topic, Date & Timing | Expert & description of activities/sub-topics | Takeaway for participants | Assignment for participants |
|---|---|---|---|
| | Behavioural descriptors or indicators | | |
| <td colspan="4" align="center">**Lunch Break for 30 minutes**</td> | | | |
| **Day-1 (28/08/2020), 1330-1430 HRS**<br><br>**Topics**: *Developing Learning Indicators mapping on "Bloom's Taxonomy x Dimension of Knowledge"* | **Expert Name:**<br>Dr. Payel Banerjee<br>Department of Education, Guru Ghasidas Central University, Bilaspur<br><br>**Description of sub-topics:**<br>o Presentation on "Bloom's Taxonomy x Dimension of Knowledge"<br>o How measurable learning indicators can be framed by mapping on "Bloom's Taxonomy x Dimension of Knowledge"<br>o Showing one matrix of learning indicators mapped on "Bloom's Taxonomy x Dimension of Knowledge" | o Acquiring skills for making measurable learning indicators mapping on "Bloom's Taxonomy x Dimension of Knowledge" | o Making matrix of learning indicators based on template shared with participants<br><br>*(Assignment should be submitted before start of sessions on next day)* |
| **Day-1 (28/08/2020), 1430-1530 HRS**<br><br>**Topics**: *Developing Lesson Plan for Competency-based Teaching-Learning Process (TLP)* | **Expert Name:**<br><br>Dr. Patanjali Mishra<br>School of Education, VMOU, Kota<br>**Description of sub-topics:**<br>o Presentation on How to develop Lesson Plan for Competency-based Teaching-Learning Process (TLP)<br>o Developing Lesson Plan based *ENGAGE* Teaching-learning Model | o Acquiring skills for developing Lesson Plan for Competency-based Teaching-Learning Model | **NIL** |

| Session: Topic, Date & Timing | Expert & description of activities/sub-topics | Takeaway for participants | Assignment for participants |
|---|---|---|---|
| | | | |
| | **Tea Break for 15 minutes** | | |
| **Day-1 (28/08/2020), 1545-1730 HRS**<br><br>**Topics**: *Assessment Tools & Techniques for Competency-based Teaching-Learning Process* | **Expert Name:**<br>Dr. Sheela Ragvan, Resource Person, NABET-QCI<br>**Description of sub-topics:**<br>o Understanding meaning & differences of *"Assessment & Evaluation"*<br>o Understanding *"Norm-referenced and Criterion-referenced Assessment"*<br>o Why *"Criterion-referenced Assessment Techniques"* are used in Competency-based Education<br>o How to use *"Criterion-referenced Assessment Techniques"* in Competency-based Education<br>o Why rubrics is used for reporting of assessment data in CBE<br>o How to develop *Rubrics*<br>o Why portfolios may be significant assessment techniques in CBE<br>o How to develop *Portfolio* | o Understanding importance of Criterion-referenced assessment techniques in CBE<br>o Acquiring skills for developing Rubrics for reporting of assessment data for Competency-based teaching-learning process<br>o Acquiring skills for using Portfolio as important assessment technique in Competency-based teaching-learning process | o Assignment for developing Rubrics for their concerned schools subject for Competency-based teaching-learning process<br><br>*(Assignment will be submitted as per instruction given)* |
| **Day-2 (29/08/2020), 1100-1300 HRS** | **Expert Name:**<br><br>Dr. Patanjali Mishra | o Acquiring skills for developing and executing Lesson Plan for Competency- | o Developing Lesson for Competency-based Teaching- |

| Session: Topic, Date & Timing | Expert & description of activities/sub-topics | Takeaway for participants | Assignment for participants |
|---|---|---|---|
| **Topics**: *Demo Sessions on how to develop and execute Lesson Plan for Competency-based Teaching & Learning in English Subject* | School of Education, VMOU, Kota<br><br>**Description of sub-topics:**<br>○ Demo session on How Lesson Plan can be developed for Competency based Teaching & Learning in English Subject<br>○ How Lesson Plan can be modelled on ENGAGE Teaching-Learning Model<br>○ How Lesson plan can be executed<br>○ How diagnostic & formative assessment can be embedded in Teaching-Learning Process<br>○ How entire teaching-learning activities will be planned & executed in sync with Learning Outcomes & Learning Indicators<br>○ How to determine expected learning outcomes are attained<br>○ How Rubrics & Portfolios can be used in English Teaching | based Teaching and Learning in English Subject<br>○ Acquiring skills for determining to what extent expected learning outcomes are attained<br>○ Acquiring skills for using Rubrics & Portfolios assessment tools in English Subject | Learning in English Subject<br><br>*(Assignment will be submitted as per instruction given)* |
| <div align="center">**Note: For English & Mathematics, two parallel sessions are planned, Timing 1100-1300 HRS on 29/08/2020**</div> |||||
| **Day-2 (29/08/2020), 1100-1300 HRS**<br><br>**Topics**: *Demo Sessions on how to develop and execute Lesson Plan for Competency-based Teaching* | **Expert Name:**<br>Dr. Jai Singh<br>Vasanta College, BHU, Varanasi | ○ Acquiring skills for developing and executing Lesson Plan for Competency-based Teaching and Learning in Mathematics Subject | ○ Developing Lesson for Competency-based Teaching-Learning in Mathematics Subject |

| Session: Topic, Date & Timing | Expert & description of activities/sub-topics | Takeaway for participants | Assignment for participants |
|---|---|---|---|
| *& Learning in Mathematics Subject* | **Description of sub-topics:**<br>o Demo session on How Lesson Plan can be developed for Competency based Teaching & Learning in Mathematics Subject<br>o How Lesson Plan can be modelled on ENGAGE Teaching-Learning Model<br>o How Lesson plan can be executed<br>o How diagnostic & formative assessment can be embedded in Teaching-Learning Process<br>o How entire teaching-learning activities will be planned & executed in sync with Learning Outcomes & Learning Indicators<br>o How to determine expected learning outcomes are attained<br>o How Rubrics & Portfolios can be used in Mathematics Teaching | o Acquiring skills for determining to what extent expected learning outcomes are attained<br>o Acquiring skills for using Rubrics & Portfolios assessment tools in Mathematics Subject | o *(Assignment will be submitted as per instruction given)* |
| <td colspan="3" align="center">**Lunch Break for 30 minutes**</td> |
| **Day-2 (29/08/2020), 1330-1530 HRS**<br><br>**Topics**: *Demo Sessions on how to develop and execute Lesson Plan for Competency-based Teaching & Learning in Social Study Subject* | **Expert Name:**<br><br>Resource Person, NABET/QCI<br><br>**Description of sub-topics:**<br>o Demo session on How Lesson Plan can be developed for Competency based Teaching & Learning in Social Study Subject | o Acquiring skills for developing and executing Lesson Plan for Competency-based Teaching and Learning in Social Study Subject<br>o Acquiring skills for determining to what extent expected learning outcomes are attained | o Developing Lesson for Competency-based Teaching-Learning in Social Study Subject<br><br>*(Assignment will be submitted as per instruction given)* |

| Session: Topic, Date & Timing | Expert & description of activities/sub-topics | Takeaway for participants | Assignment for participants |
|---|---|---|---|
| | o How Lesson Plan can be modelled on ENGAGE Teaching-Learning Model<br>o How Lesson plan can be executed<br>o How diagnostic & formative assessment can be embedded in Teaching-Learning Process<br>o How entire teaching-learning activities will be planned & executed in sync with Learning Outcomes & Learning Indicators<br>o How to determine expected learning outcomes are attained<br>o How Rubrics & Portfolios can be used in Social Study Teaching | o Acquiring skills for using Rubrics & Portfolios assessment tools in Social Study Subject | |
| <span style="background:yellow">**Note: For Science & Social Study, two parallel sessions are planned, Timing 1330-1530 HRS on 29/08/2020**</span> | | | |
| **Day-2 (29/08/2020), 1330-1530 HRS**<br><br>**Topics**: *Demo Sessions on how to develop and execute Lesson Plan for Competency-based Teaching & Learning in Science Subject* | **Expert Name:**<br>DR. Bhaskar Choudhary<br>IASE, Kumaun University, Nainital<br><br>**Description of sub-topics:**<br>o Demo session on How Lesson Plan can be developed for Competency based Teaching & Learning in Science Subject<br>o How Lesson Plan can be modelled on ENGAGE Teaching-Learning Model<br>o How Lesson plan can be executed | o Acquiring skills for developing and executing Lesson Plan for Competency-based Teaching and Learning in Science Subject<br>o Acquiring skills for determining to what extent expected learning outcomes are attained<br>o Acquiring skills for using Rubrics & Portfolios assessment tools in Science Subject | o Developing Lesson for Competency-based Teaching-Learning in Mathematics Subject<br>*(Assignment will be submitted as per instruction given)* |

| Session: Topic, Date & Timing | Expert & description of activities/sub-topics | Takeaway for participants | Assignment for participants |
|---|---|---|---|
| | o How diagnostic & formative assessment can be embedded in Teaching-Learning Process<br>o How entire teaching-learning activities will be planned & executed in sync with Learning Outcomes & Learning Indicators<br>o How to determine expected learning outcomes are attained<br>o How Rubrics & Portfolios can be used in Science Teaching | | |
| **Day-2 (29/08/2020), 1545-1645 HRS**<br><br>**Topics**: *Demo Sessions on how to develop and execute Lesson Plan for Competency-based Teaching & Learning in Science Subject* | **Expert Name:**<br>Resource Person, NABET-QCI<br><br>**Description of Sub-topics**<br>o Type of Rubrics<br>o Elements of Rubrics<br>o Skills for writing descriptors for each Performance Level<br>o Steps of Developing Rubrics<br>o Developing Rubrics for Learning Outcomes | o Acquiring skills for developing Rubrics for reporting assessment data in Rubrics | o Developing Rubrics by taking a topic from their concerned subject domain<br>*(Assignment will be submitted as per instruction given)* |
| **Valedictory & Closure of Sessions 1645-1715 HRS** | | | |

*Note: Entire online sessions will be web-conferenced through GOOGLE MEET. Participants will be given -e-certificate and attendance is mandatory.*