INDIRA GANDHI NATIONAL OPEN UNIVERSITY

SCHOOL OF ENGINEERING & TECHNOLOGY

FEEDBACK ANALYSIS REPORT OF TEACHERS ON THE DESIGN OF THE CURRICULUM

1.0: Preamble

Curriculum is the essential ingredient of any education system regardless of the education level. All other aspects whether teaching, learning and evaluation or research and development, infrastructure and learning resources, student activities and support system revolve around it. Therefore, curricular aspects and the best practices connected to curriculum design and development play a very significant dimension of the quality of higher education since the curriculum has a decisive role in steering the other elements of quality.

2.0: About the School

The School of Engineering and Technology came into existence in 1987, with a clear mandate to address the issues pertaining to continuing and extension education requirements in the country.

The objectives of the School are

- To devise and conduct academic, continuing & extension education programmes ranging from certificate to diploma degree aimed at increasing job potential, knowledge and skill enhancement of learners.
- To conduct extension education programmes in engineering and technology areas for disadvantaged and economically weaker sections
- To provide skill upgradation & Training for capacity building using innovatative technologies and methodology

The **Advanced Certificate in Power Distribution Management (ACPDM)** programme has been developed by the School of Engineering and Technology, Indira Gandhi National Open University in collaboration with the Ministry of Power for professionals employed in electrical power utilities or electricity sector to upgrade their skills, enhance systemic efficiency and demonstrate commercially viable electricity distribution system that deliver quality power to the satisfaction of the beneficiaries

Certificate in Energy Technology and management (CETM) aims at equipping all its students about various energy resources, energy conversion processes, energy use, energy conservation, energy planning and management.

Certificate of Competency in Power Distribution (CCPD) has been developed by the School of Engineering & Technology, IGNOU in collaboration with the Ministry of Power under IGNOU-MoP Project towards implementing the competency based skill development training for the electrical technicians equivalent level work force of the country. Training for on job employees for upgrading their skills and need of skilled fresh recruits manpower with required skill and knowledge is the critical need of continuously growing power industry.

The **PG Certificate in Industrial Safety (PGCINDS)** programme has been developed by the School of Engineering and Technology, Indira Gandhi National Open University to cater to the safety needs of professionals employed in various sends of industries. It is meant to impart know how about the safety standards and procedures that are of utmost importance for all the stake holders

The **PG Certificate in Inventory Planning and warehousing** (PGCIPW) programme has been developed by the School of Engineering and Technology, Indira Gandhi National Open University with the aim to give knowledge about maintaining proper inventory of components, spare parts and other necessary items in the industry

The **Certificate in Solid Waste Treatment Techniques**(CSWATT) programme has been developed by the School of Engineering and Technology, Indira Gandhi National Open University to address the issue of solid waste prevalent in our society. It deals with various kinds of techniques for managing solid waste disposal and recycling.

3.0: Methodology

With the help of faculty members and experts questionnaire has been prepared. Google form has been used to get the response from the teachers. The question format has been provided by CIQA. Name of the teachers was kept optional but most of the teachers have provided their names

4.0: Feedback of Teachers

Attached

5.0: Analysis of the Feedback received

1. 75 % are male and remaining are female respondents

2. Respondents are fromMechanical, Civil and Electrical disciplines.

3. 75 % of respondents are programme coordinators.

4. Most of the respondents are having experience in between 20-30 years.

5. According to above 78 % respondents "NEED ANALYSIS HAS BEEN DONE BEFORE FINALIZING THE CURRICULUM".

6. According to above 84 % respondents CURRICULUM IS PERIODICALLY MODIFIED AND NEW CONCEPTS/TOPICS ARE INCORPORATED.

7. According to above 92 % respondents "INSTRUCTIONAL ACTIVITIES ALIGN WITH THE LEARNING OUTCOMES.

8. All respondents believe that CURRICULUM IS DEVELOPED TO ENHANCE CRITICAL THINKING

9. All respondents believe that CURRICULUM CATERS TO THE NEEDS OF ALL TYPES OF LEARNERS

10. All respondents believe that CURRICULUM OF the SUBJECT IS UP TO DATE

11. All respondents believe that 'CURRICULUM MATCHES WITH THE LEVEL OF THE PROGRAMME.

12. All respondents believe that ASSESSMENTS ARE DEVELOPED BASED ON THE LARNING OUTCOMESKILLS

13. All respondents believe that OUTCOMES ARE FRAMED TO ENHANCE THE EMPLOYABILITY

14. All respondents believe that INTEGRATION OF TECHNOLOGY IN TEACHING LEARNING WILL ENHANCE THE LEARNING PROCESS AND BENEFITS THE LEARNER

6.0: Conclusion and recommendations

1. **Student counselling should be must**
2. **Curriculum should be revised as per Industry Need**
3. **Skill based study should be encouraged**

7.0: Annexure (Enclose Questionnaire format) Attached

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