

DEPARTMENT OF MECHANICAL ENGINEERING

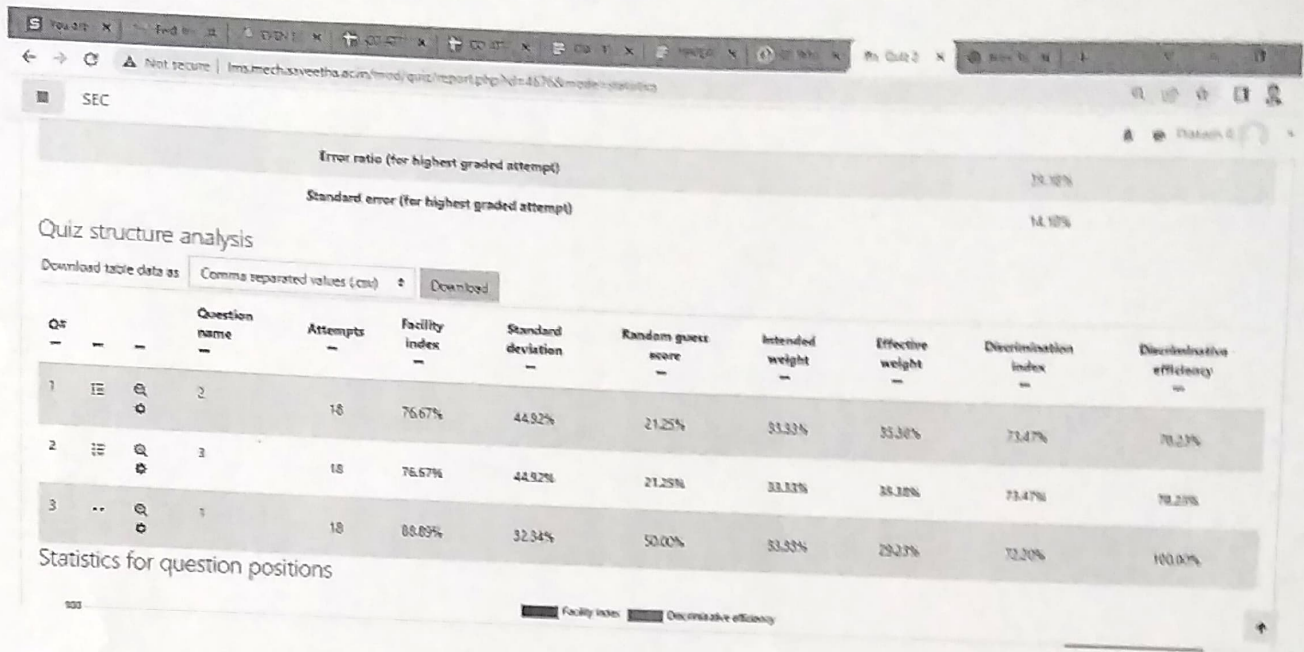
ACTIVITY BASED LEARNING (AY2020-21 ODD)

Course Code & Course Title : 19ME308 Power Plant Technology
 Year/Sem/Branch : I /I/Electrical Engineering
 Name of Faculty : MR.R.PRAKASH
 Designation : Assistant Professor (OG)
 Unit Title : HYDRO POWER PLANT
 Topic : Essential Elements & Classification of Hydro Power Plant
 Learning Objective : Demonstrate Layout, Construction and Working of Hydro Power Plant
 Bloom's Taxonomy Level : Understanding -K2

S.No.	Title	Description
1	Concept	Concept is to make the students, understand the various elements and steps involved construction of Hydro power plant
2	Challenges Faced	(Difficulties faced by students while it was taught in conventional method) <ul style="list-style-type: none"> In conventional method, students were taught once in classroom Slow learners need to listen the topic several times to understand the concept
3	Name of the Activity	Video Lecture
4	Description of the Activity	<ul style="list-style-type: none"> Introduction about the topic Additional document was shared to the students to give them detailed introduction about the topic. Self-video: https://drive.google.com/file/d/1c4rByc1MXhosyAGjWzz5-3zEqjsgvrbD/view?usp=sharing I personally made one video, Once all the materials were shared to the students, after the class quiz was posted. They were given sufficient time but only one attempt was allowed. Students showed much interest to clarify the doubts. The activity was planned in online,
5	Feedback from Learners (Consolidated)	<u>Google form</u> <u>Analysis report</u>
6	Feedback of the Faculty about this activity	(Previous experiences Vs Activity Based Teaching) Most of the students attempted the quiz, they came up with good understanding on the topic.

Analysis Report Chart.

Good marks were secured by the students in the assessment. Comparison chart of student's performance in Assessment before and after the activity is given below. The pass percentage increased from 70% to 90%.



[Signature]
Signature of the Course Faculty

[Signature]
Signature of HOD

