



A TECHNICAL REPORT ON PEDAGOGY IMPLEMENTED

<JIGSAW>

<Engineering Graphics>

<Projections of POINTS,LINES&PLANES>

<1st YEAR/2nd SEMESTER,2019>

<Date of Execution 19-02-2019>

<AY:2018-19>

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INTRODUCTION ON PEDAGOGY:

JIGSAW is a pedagogy by using this pedagogy students can cover very lengthy topics and this pedagogy mainly done by the number of batches after sharing the knowledge on the given topic and they have to present on the stage in front of the other batches it is a very lengthy activity but after this activity students will be perfect on the selected topic

IMPLEMENTATION:

JIGSAW : This activity helpful for lengthy concepts and which are related with each other like chain structure and in this activity I divided students into 6 groups I given different topics to the members in every group and I was conducted this activity 2 times for 60 members participation.

BATCH1- 6 members

BATCH 2- 6 members

BATCH 3- 6 members

BATCH 4- 6 members

BATCH5- 6 members

1st member of every batch projections of points

2nd member of every batch Projections of lines first 3 orientations

3rd member of every batch Projections of lines first 3 orientations

4th member of every batch Projections of lines last orientation inclined to both H.P & V.P

5th member of every batch Projections of planes first 3 orientations

6th member of every batch Projections of planes last 3 orientations

This process(Dividing Batches and Topics) done 1 day before presentation After finishing batches and after topic preparations we can call topic 1,2,3,4,5 and 6 from any batch in the sequence.

PROOFS:





OUTCOME:

Out come of the pedagogy is all students are actively participated share their knowledge on their topics with each other and explained the topic very well because they are discussed with other batch students, they got good knowledge on their topics because of that discussion with other batches and finally they understand the topic very easily and also presented well infront of other students.

The legthy topic was covered 1 day(3 hours) by 30 members and other 30 members presented in next day(3 hours) at the time of my class.

E-RESOURCES/Texbooks Referred :

Link1:

Text books: N.D.Bhatt,Basanth Agarwal text books are referred

ICT USAGE:

Some students used Projectors and plane models and maximum students used marker board .

CONTENTS OUT OF SYLLABUS:

NO content out of the syllabus because the topic what I was given to students that is in the syllabus.

RUBRICS (if followed):

TIME TAKEN TO COMPLETE THE ACTIVITY:

6 hours

BEST Performer:

EEMANI ANUJA , DUVVADA ROSHNI RAO

Slow performer:

GAJULA ANAND PRAVEEN KUMAR

ERUSUMALLA VARA PRASAD

Suggestions given to Slow Learner:

CHALLENGES:

1.Focus on the topic what your choosen.

2.Improve your Explanation Skills

3.Communication skills

NO.OF STUDENTS PARTICIPATED: 60

NO.OF BATCHES MADE:12

STUDENT FEEDBACK:

1.Good

2.Good

3.Good

4.Good

MODE OF FEEDBACK:

ORAL

Submitted by:

P.Praveen,Asst.prof,MECH

HOD

Principal

Notes:

<note:please attach question paper (open book exam) /PPT/any notes utilized to implement the activity,list of students if batches are made>

Please attach marks if it is assessed like open book exam.

If guest lecture please include the details of resource person,feedback of students

If industry visit ,please attach list of students and report writing should be given by any three students.