

GROUP DISCUSSION ACTIVITY

Course Name: Radar and Navigational Systems, AY:2019-20, Sem:VIII

Topic: HYPERBOLIC NAVIGATIONAL SYSTEMS

Aim : To make time for meaningful group discussions, interactions and applications of the Hyperbolic Navigational systems during classroom sessions

1. Learning Outcomes:

- a. An ability to find the frequency ranges for various hyperbolic navigational systems
- b. An ability to apply the Hyperbolic navigational principle to find the fix and Range

2. Resources:

- All students should refer the following videos and PPT before actual class room discussion
- a. Video Presentation on Hyperbolic Navigational systems Class By Srilakshmi A
- b. Video Presentation on Fundamentals of LORAN, DECCA, OMEGA systems by Srilakshmi A
- c. Video Presentation on Global positioning systems by Srilakshmi A
- d. PPT By Srilakshmi A

3. Groups

- All students should form groups as per the roll numbers.
- Group 1(Roll No 1602-16-735-19,20,21,111) - Discussion on Hyperbolic Navigational systems principle, operation and applications.
- Group2(Roll No 1602-16-735-79,17,114,116) -Discussion on frequencies, Range and accuracy of LORAN, OMEGA, DECCA Navigational systems and applications along with quizzes
- Group3(Roll No 1602-16-735-75,85,74,51) - Discussion on global positioning systems and applications along with quizzes
- Other groups will interact (Questions, Spontaneous quizzes, Deeper Understanding)

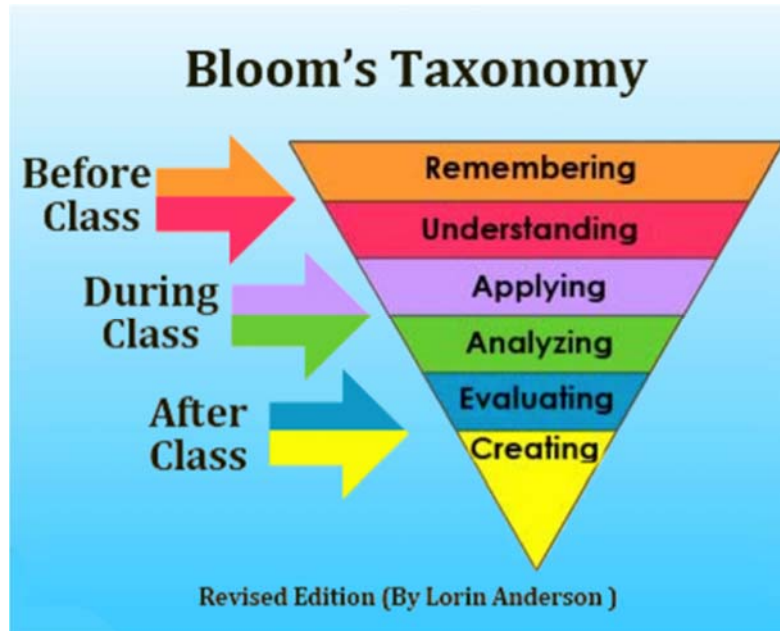
4. My Role:

In a Group Activity, I may not give direct instruction. I will act as a facilitator.

Importance of Group Discussion:

Group discussions will Increases students' interests and engagement – Provides Instructor with Feedback –.Promotes Preparation – Develops Students' Speaking Skills – .Controls The Classroom Environment

Impact



Review/Critique/Feedback: Please give as an E-Mail: a.srilakshmi@staff.vce.ac.in/
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