DEPARTMENT OF MECHANICAL ENGINEERING

Date: 13.11.2021 & 14.11.2021

Program Details:

Department of Mechanical Engineering in association with SAE India Collegiate Club of RIT organized the **"Technical Quiz- Machine Design- I"** for II, III & IV year students. Totally 44 students participated for this program. The main objective of this contest to test the student's knowledge in the field of Design Engineering. Mr. R.Venkatesh, AP/Mech and Mr.M.Lakshmanan, AP(SG)/Mech faculty coordinators for this program. Mr. S.Rahul and Mr.R.Bharanidharan III- Mech student coordinators for this program. The overall feedback of this Program is Very Good.

Brochure

Registration Details

Year of Study

44 responses

Legend:
- I Year
- II Year
- III Year
- IV Year

Pie chart values: 63.6% (III Year), 27.3% (II Year), 9.1% (IV Year)
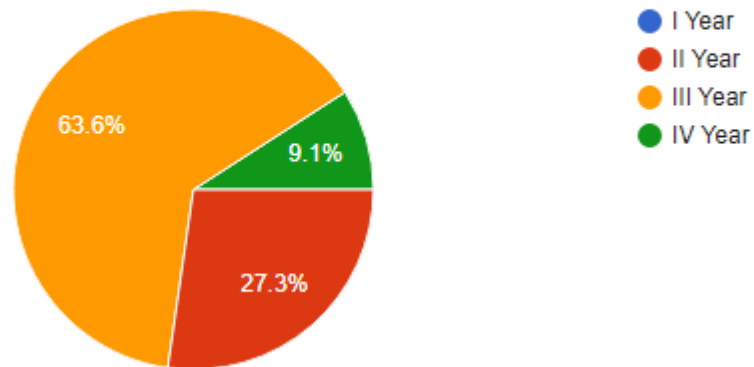
Sample Glimpses

In designing sleeve and cotter joint the outside diameter of sleeve is taken as

30 / 44 correct responses

- a. 1.5d — 8 (18.2%)
- √ b. 2.5d — 30 (68.2%)
- c. 3d — 6 (13.6%)
- d. 4d — 0 (0%)

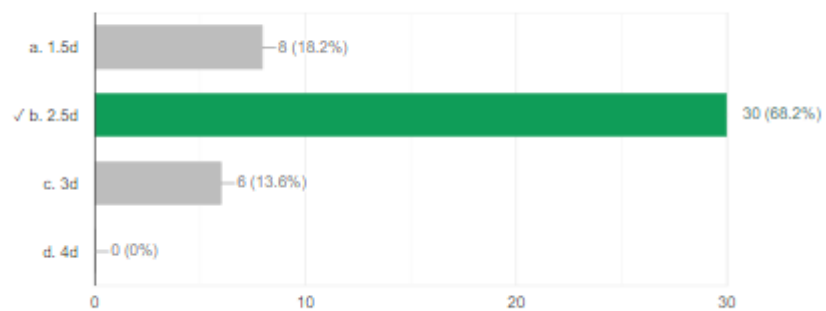The design of shafts made of brittle materials is based on

39 / 44 correct responses

- a. Guest's theory — 0 (0%)
- b. St.Venants theory — 4 (9.1%)
- √ c. rankine theory — 39 (88.6%)
- d. von mises theory — 1 (2.3%)
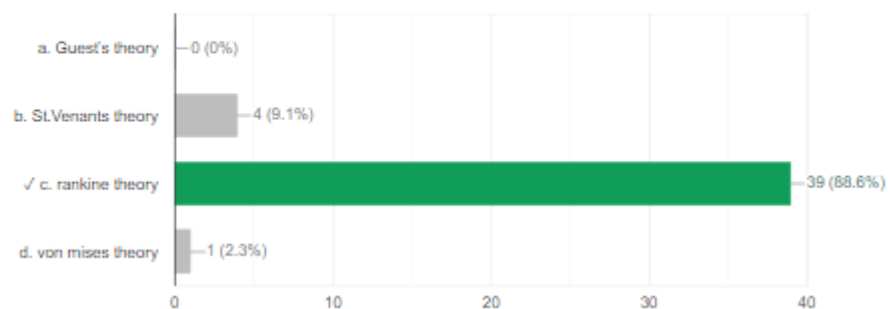
Feedback Report:

How you feel about this Program

Satisfactory
9%

Excellent
14%

Good
27%

Very Good
50%

Overall Feedback

Satisfactory
7%

Good
36%

Very Good
57%