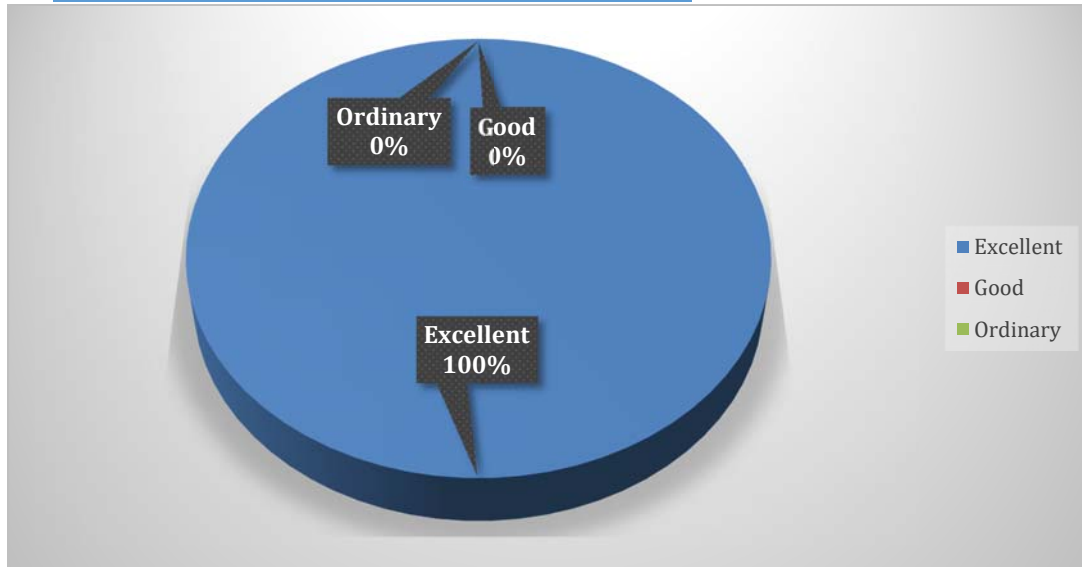


# **TEQIP workshop on Modal Analysis Theory in Practice 17-21 September 2018**

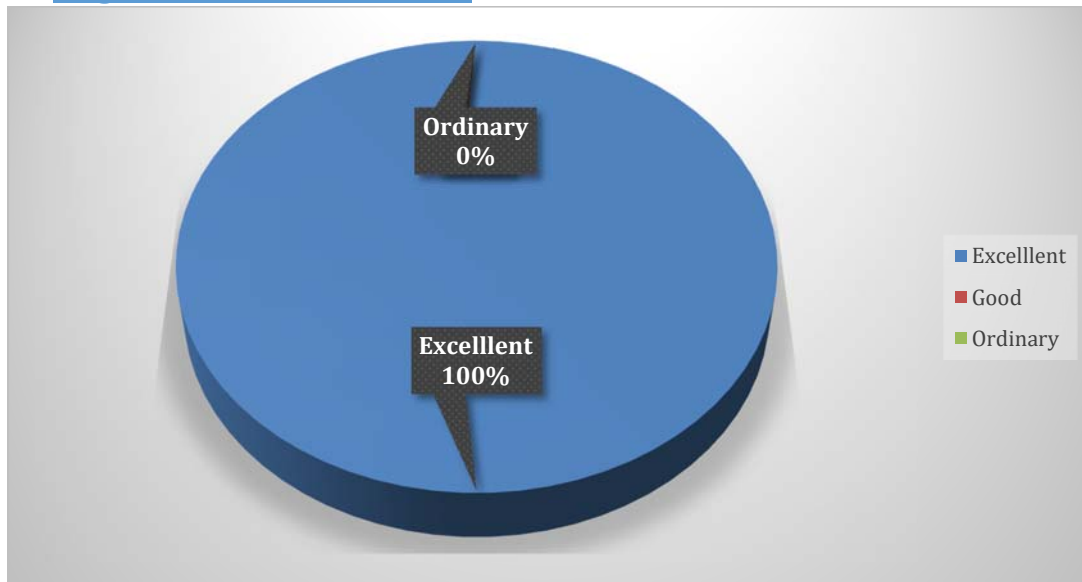
## **Student's Feedback**

### **Workshop**

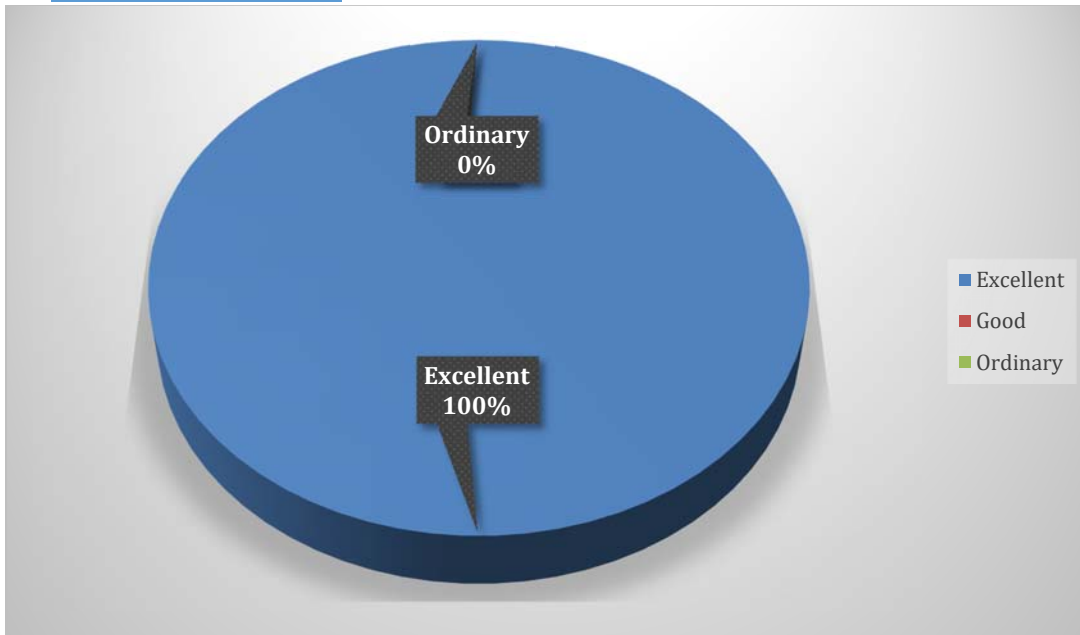
#### **1. Clarity of communication about workshop**



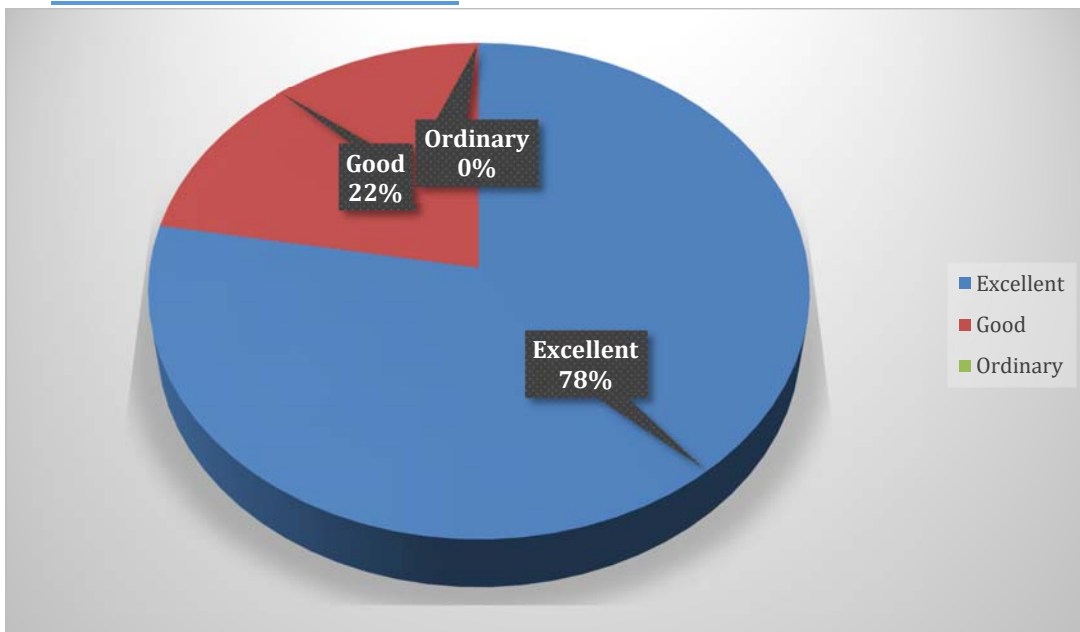
#### **2. Organization of the sessions**



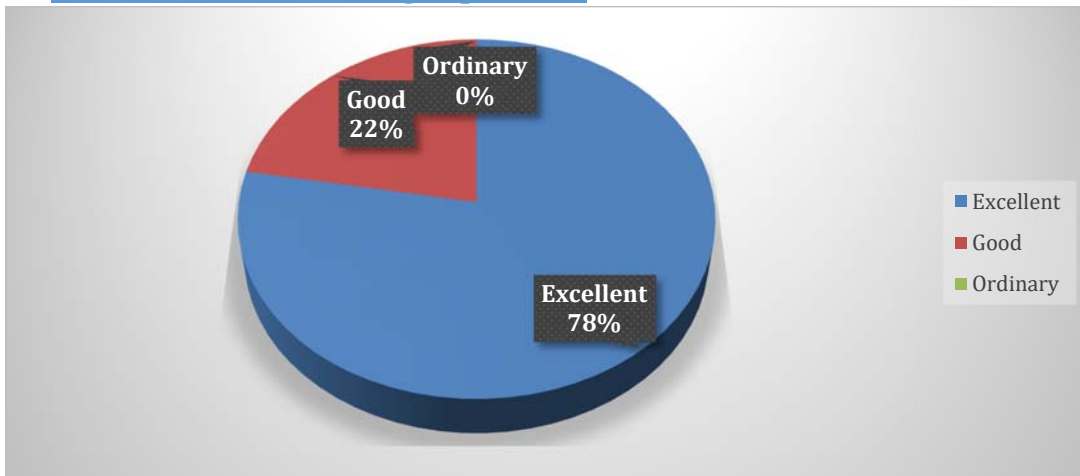
### 3. Quality of Lectures



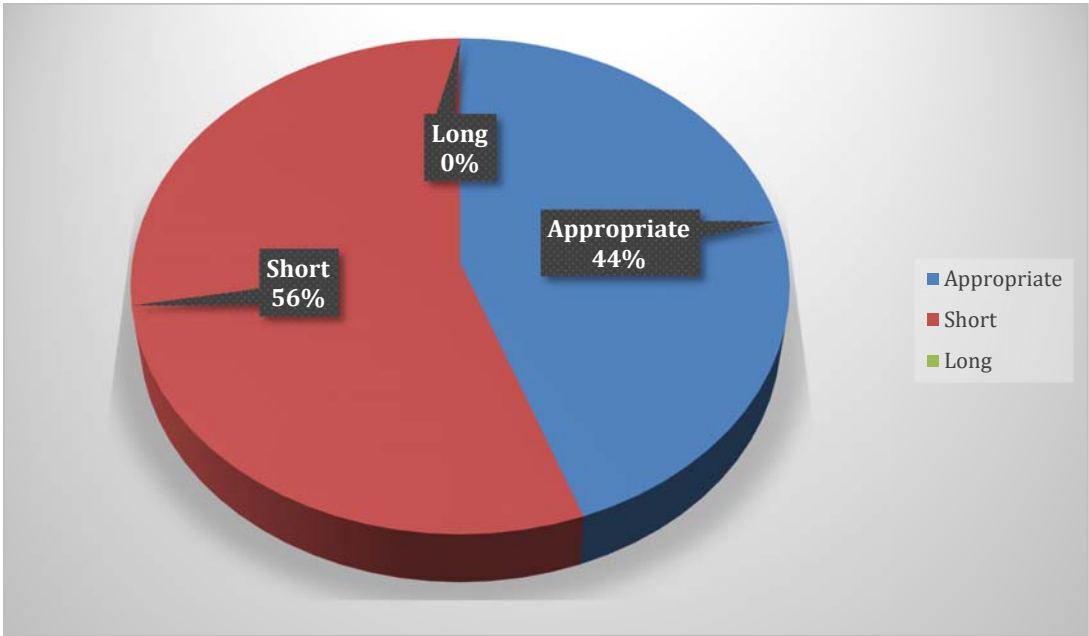
### 4. Effectiveness of discussions



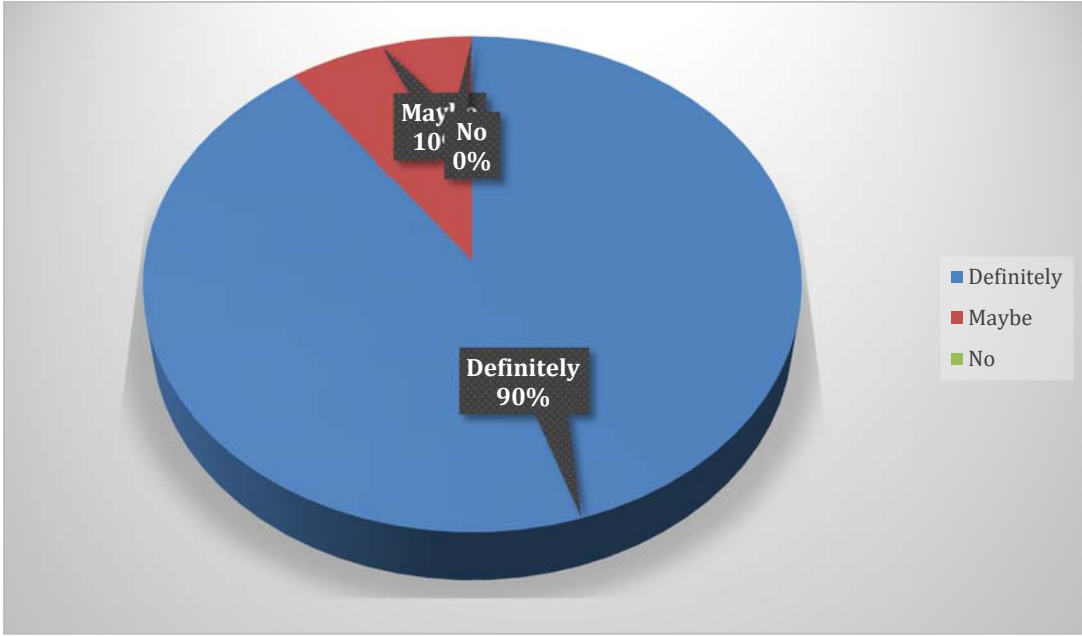
### 5. Effectiveness of learning experience



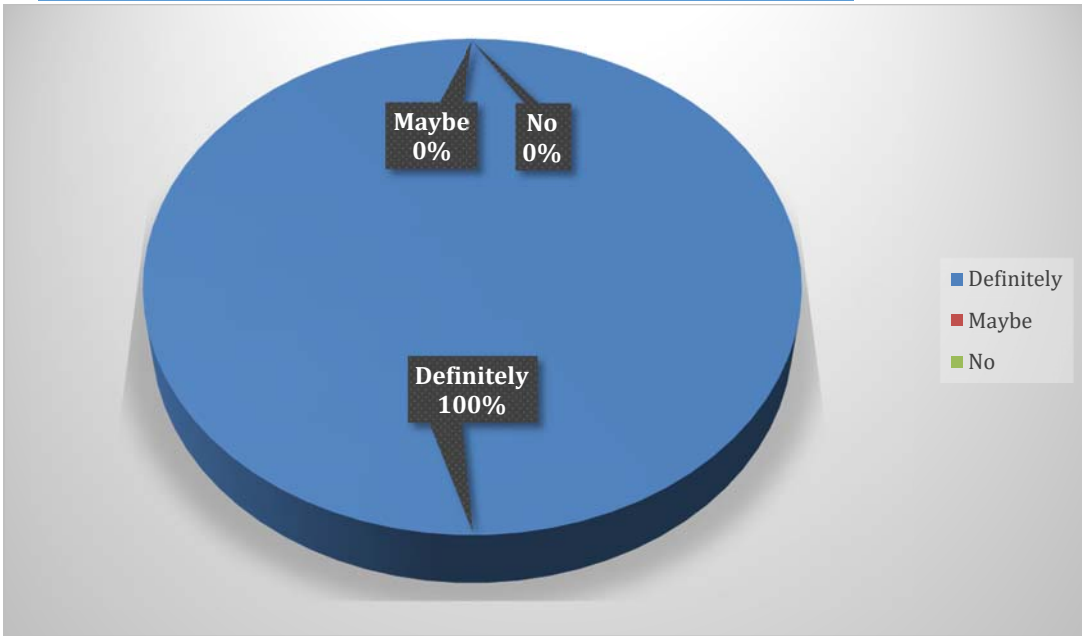
### 6. Workshop duration



7. Would you like to have more such sessions?



8. Would you like e-lectures by experts on special topics?



## **9. Suggest Specific topic that you would like additional expert lectures on**

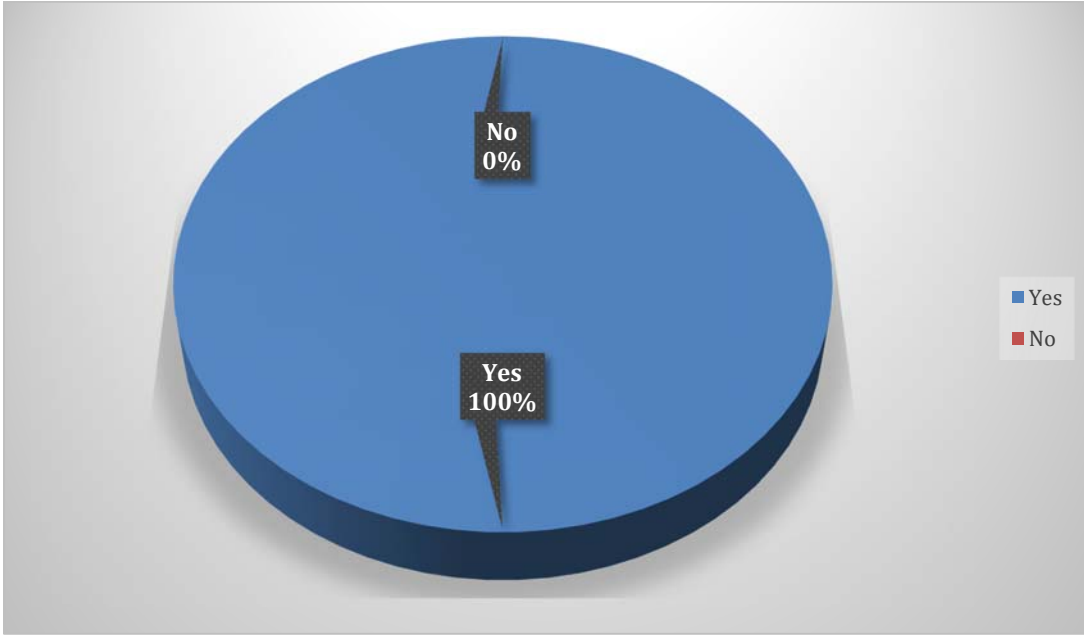
- ❖ OMA Finite element updating
- ❖ Detailed discussion on system identification techniques
- ❖ Vibration in gear box
- ❖ Vibration in prosthetic & orthotics devices
- ❖ Manufacturing power plant automobile etc.
- ❖ Structural vibrations with soli parts foundation dynamic of special proposes
- ❖ How to co-relate of non-orthogonal non- homogeneous math is modal analysis
- ❖ It's more a kind of mechanical engg. Workshop
- ❖ 3-D Metal printing, random excitation
- ❖ Modal parameter excretion , sub structuring

## **10. Additional Suggestions**

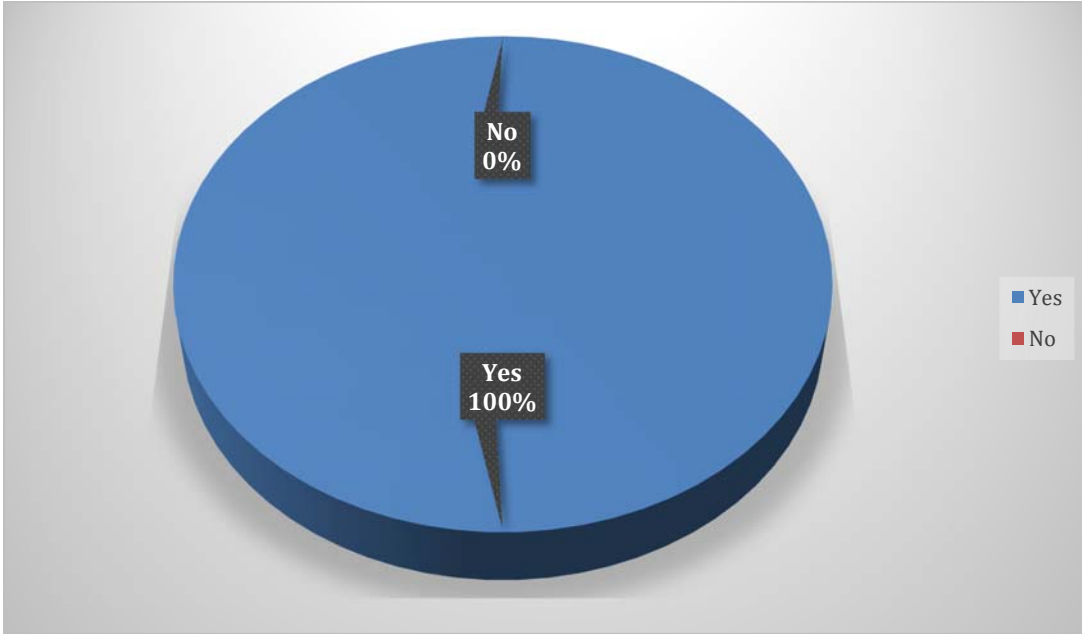
- ❖ More practical session can be included
- ❖ Study the vibration in human muscle and now to reduce the noise
- ❖ Visiting any power plant and manufacturing process eg. Gear mfg.
- ❖ I need this kind of workshop for foundation dynamics Industry needs to solve complex problems from interdisciplinary activities
- ❖ Please put all details of course on main page of your site.
- ❖ Lab sessions should be of more duration

## **Learning**

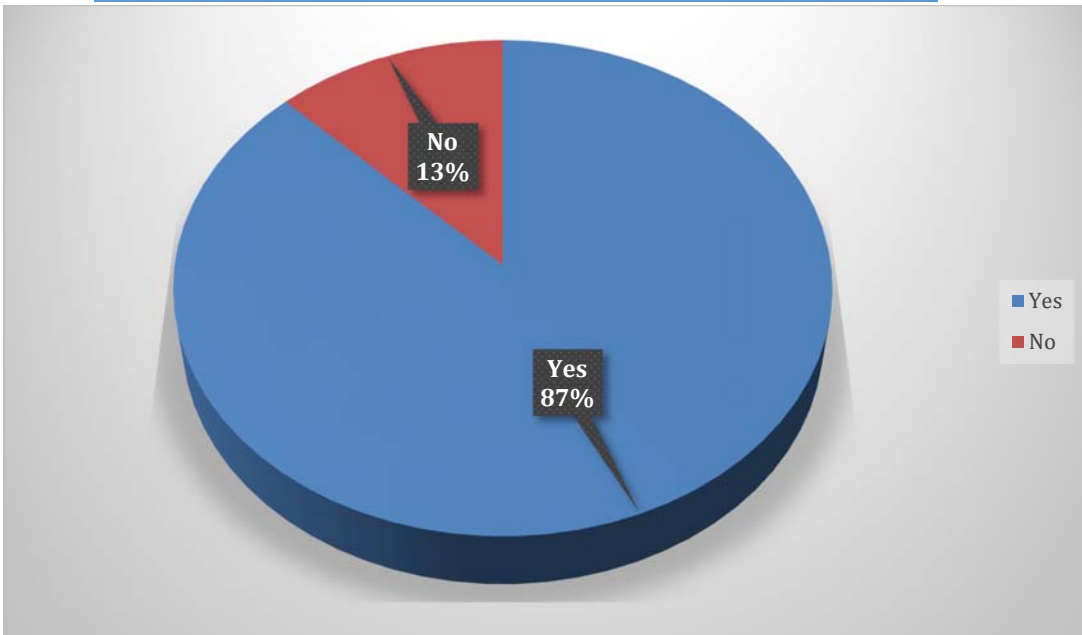
### **1. Do you get enough class projects?**



**2. Is the learning adequate?**

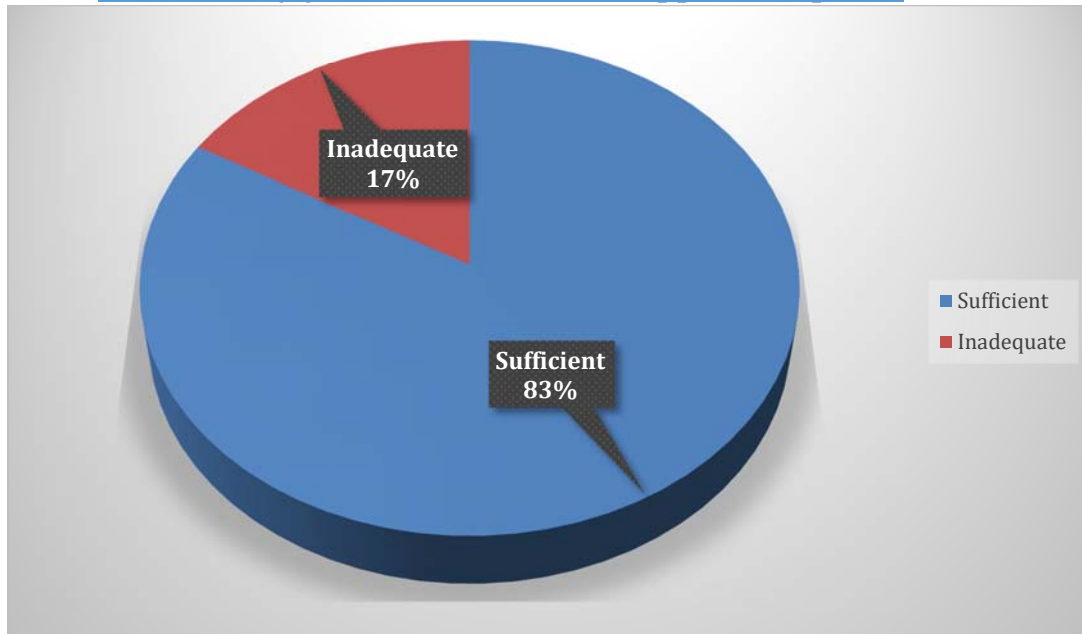


**3. Do you have sufficient resources for laboratory courses?**

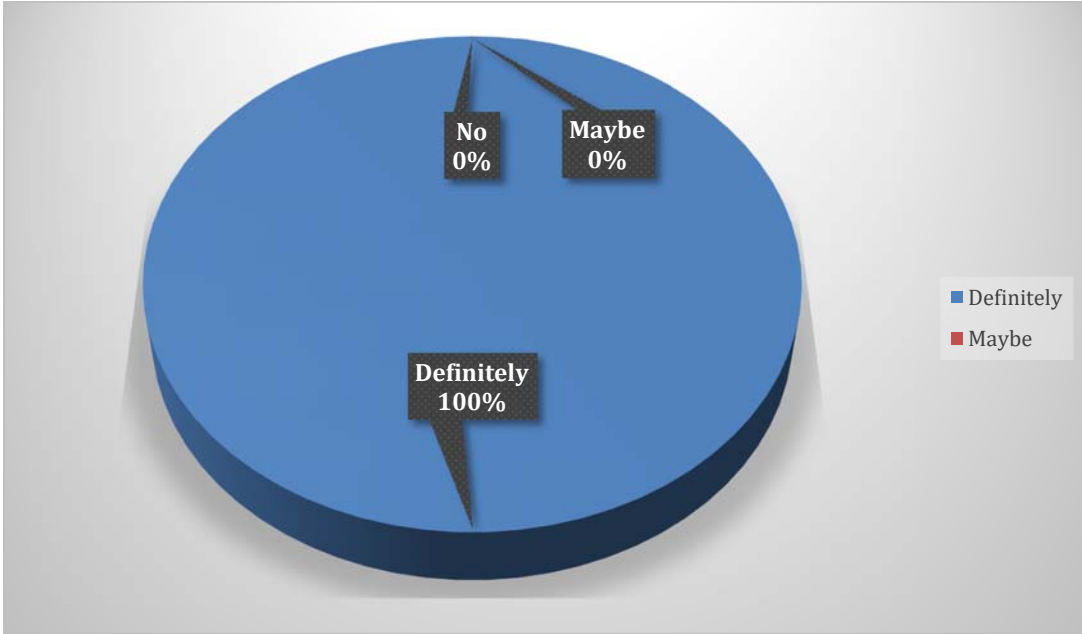




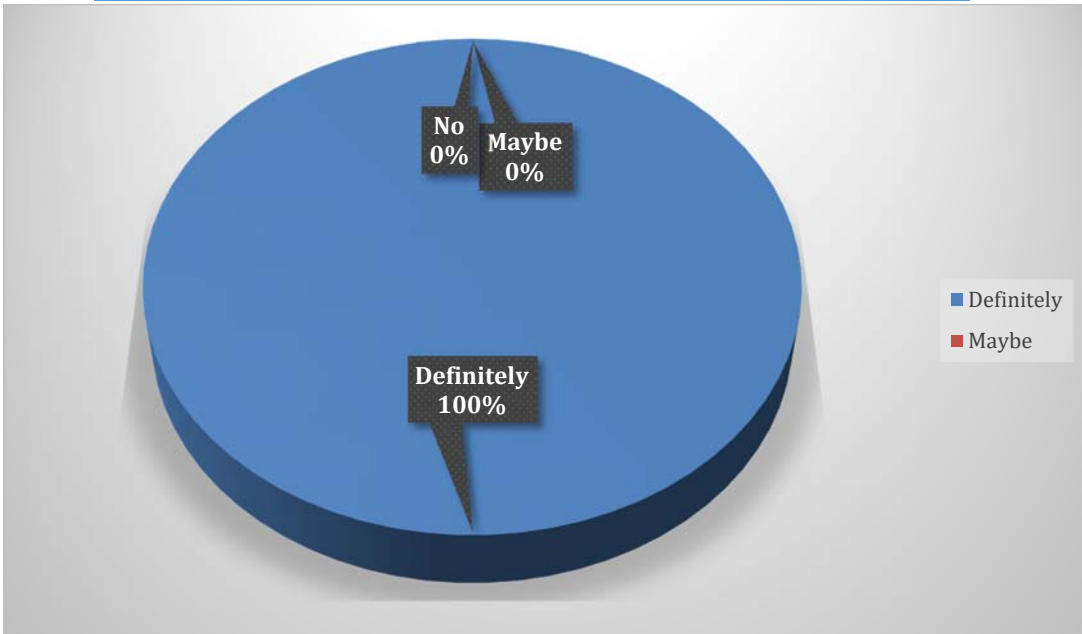
4. Is the library/journal/e-connection support adequate?



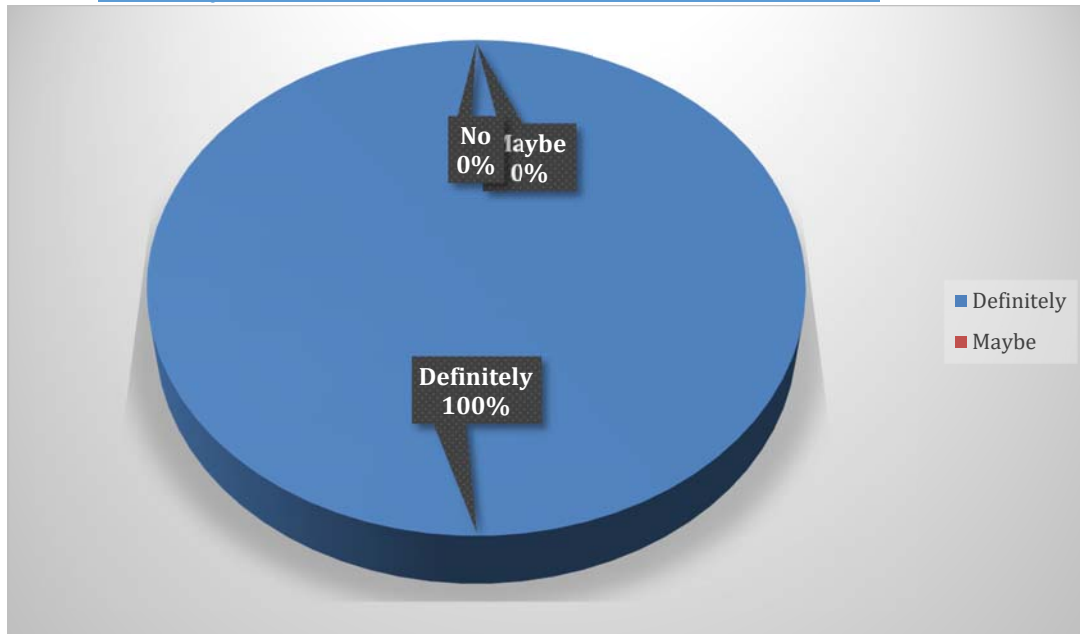
5. Would you like to have common (TEQIP) repository of course material?



6. Would you like to visit IITK to attend specialized courses?



## 7. Would you like MOOCs/e-resources based courses?



## 8. What is your area of specialization?

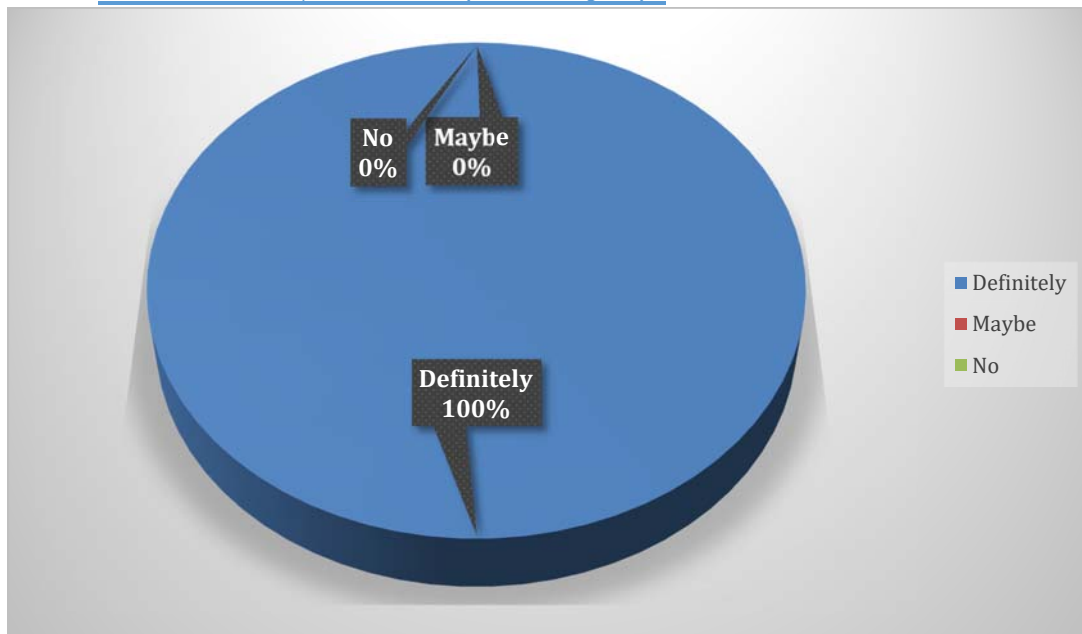
- ❖ Structural engg., manufacturing , mechanical engg.
- ❖ Modal parameter estimation of composite
- ❖ Design of medical device (prosthetics & orthotics ) & machine tools
- ❖ Structural dynamics / dynamics of offshore structure/ geo tech engg.
- ❖ New generation bottom based structures
- ❖ Model analysis system identification
- ❖ More hands-on experience on modal analysis

## 9. How can TEQIP help improve your learning?

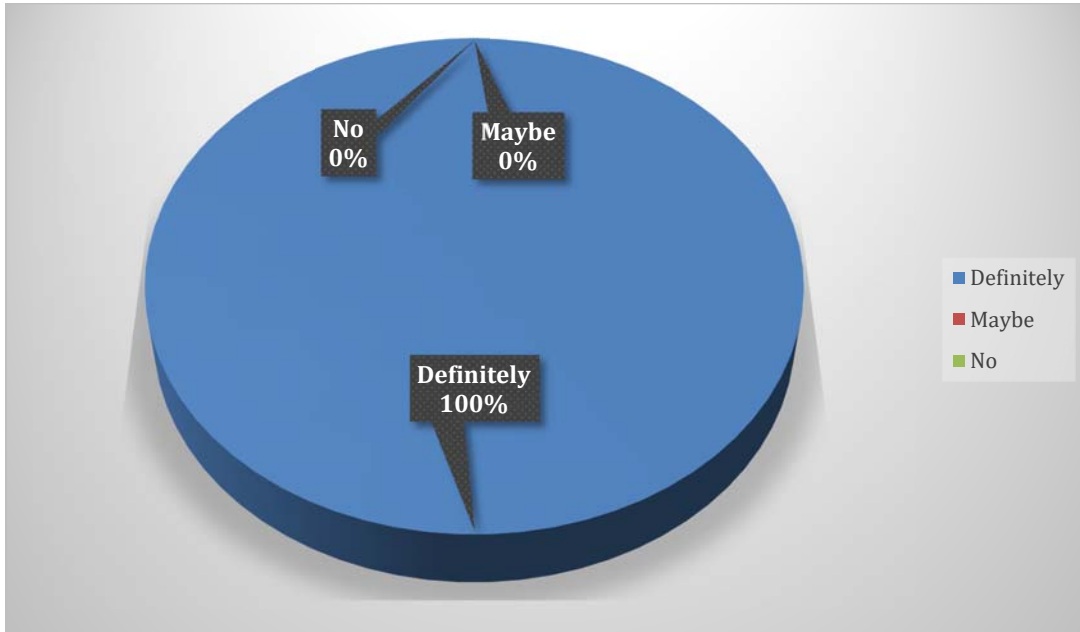
- ❖ Putting lectures & specially laboratory experiments online
- ❖ Organizing workshops & short term courses where people working in normal field can interact & share ideas
- ❖ The TEQIP improve my learning by helping me to visit the vibration lab to do my experiment
- ❖ TEQIP provided to me path for this course

## Research

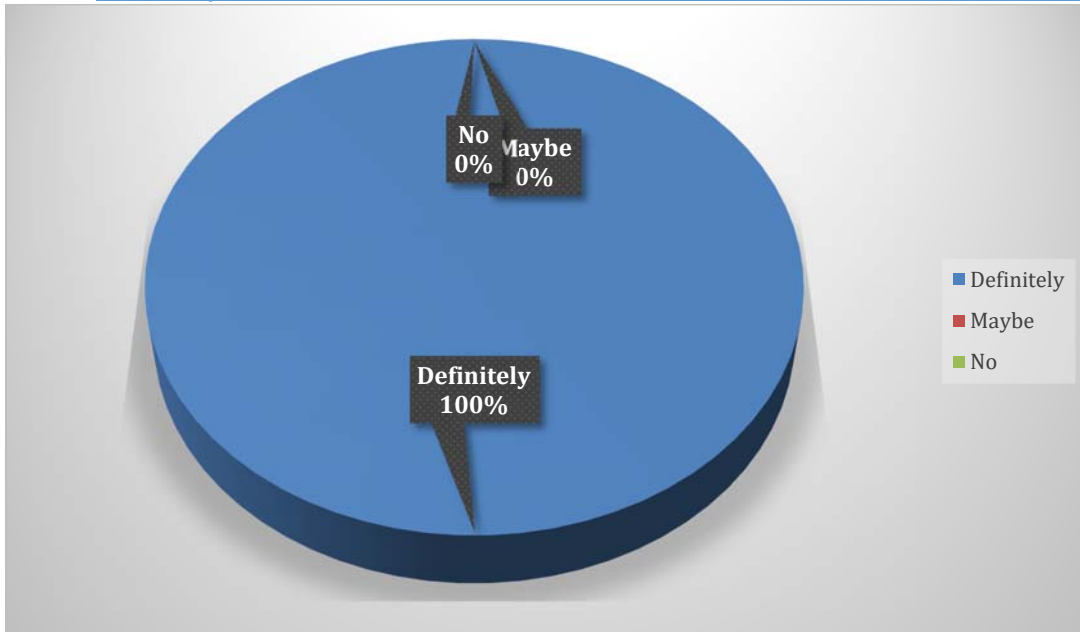
1. Would you like to visit an IIT for a short visit/internship/post-doctoral stint, if offered (via TEQIP)?



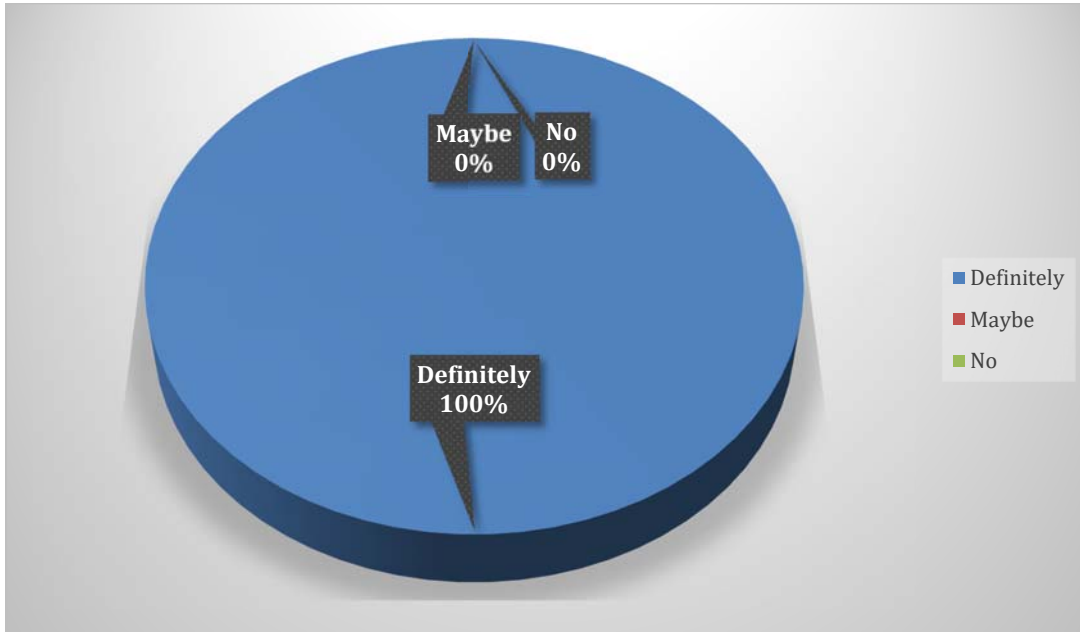
2. Would you like to share/use research infrastructure at IITK, if made available?



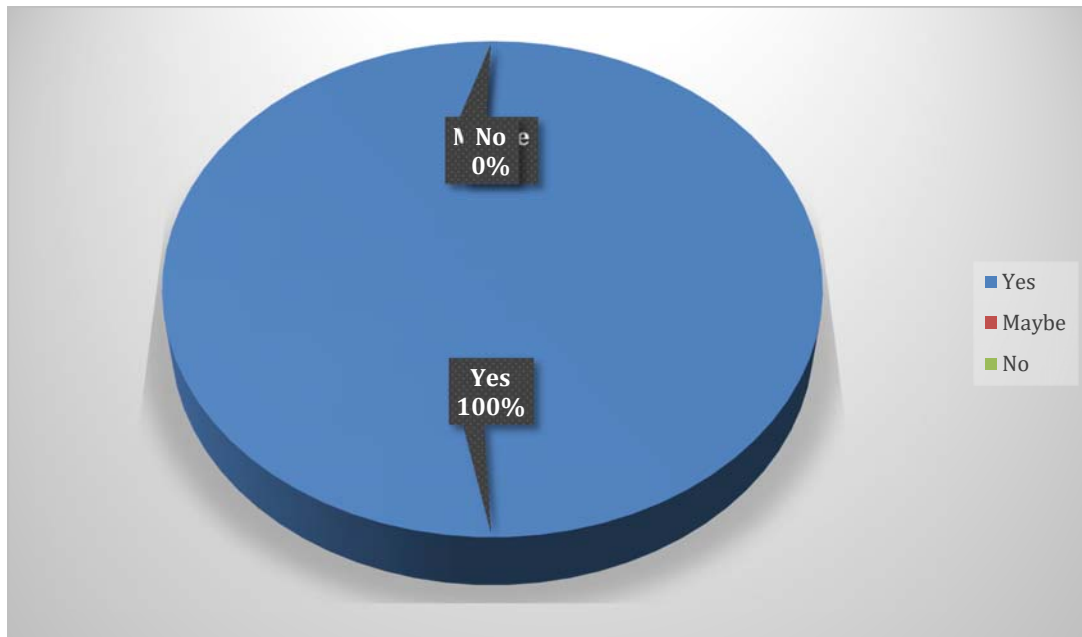
3. Would you like to conduct collaborative research with IITK faculty?



4. Would you like lectures by experts (Indian and International) on niche research areas/ topics?



5. Do you want special-topic conferences?



## 6. How can TEQIP help improve your research?

- ❖ Putting lectures & specially laboratory experiments online
- ❖ If collaborative research with IITK faculties are possible
- ❖ The TEQIP improve my research by improving the learning and helping me to get more information in my based on area research
- ❖ By learning in going higher order mathematics for vibration theory of SDOF/MDOF systems