

AE 314/727 Aircraft Structures Lab
Department of Aerospace Engineering
IIT Bombay



Inter – Laminar Shear Strength Test
(Autumn Semester 2022-23)

Submitted by:

I. Aim

1. Determination of inter-laminar shear strength of given composite specimen

II. Equipment used for the experiment

1. Lloyd 50 KN capacity UTM
2. Composite specimen
3. Vernier Calipers

III. Procedure

IV. Observation

V. Calculations

VI. Results

VII. Conclusion

Assignment Questions:

- 1. What is inter-laminar shear strength? What is the importance of ILSS?**

2. What are the possible sources of error in the experiment and what can be done to eliminate them?

Ans.

3. How is the distance between two notches influencing your experiment?

Ans.

References: