Creating a Successful Organization Structure
Fostering Student Involvement and Initiative
FRP Composites Competition
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Concrete Mix-Design

- Coarse Aggregate, 41%
- Fine Aggregate, 21%
- Water, 9%
- Fly Ash, 6%
- Cement, 23%

**Predicted load that should result in a midspan deflection of 3.5 mm (0.14 in).**

- $P_{3.5,\text{predicted}}$: 6.070 kN, 1365 lb
- $P_{\text{ult,\text{predicted}}}$: 19.100 kN, 4294 lb

**Final Cost (computed below):** $8.99

Transverse Cross Section

Longitudinal Cross Section