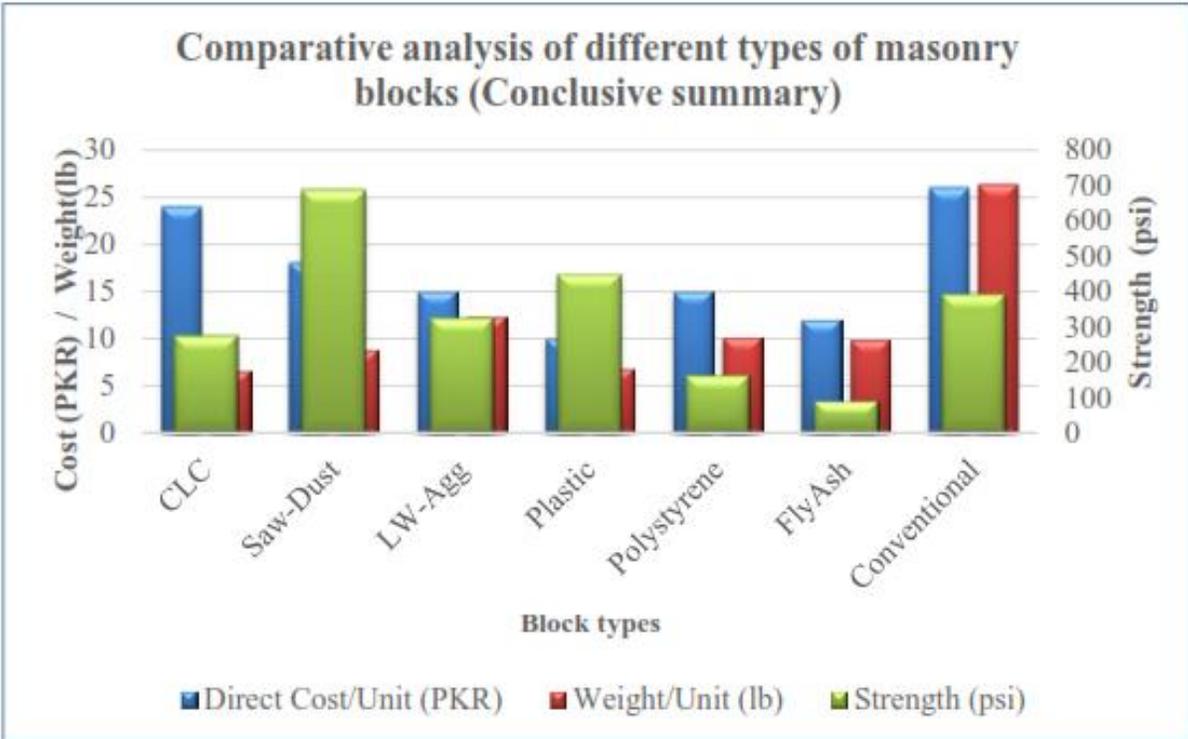


Final Year Project Showcase Batch-2017 Year 2021

Department: Urban & Infrastructure Engineering	
Programme: Urban & Infrastructure Engineering	
1	Project Idea
2	Process
3	Outcome
4	Evidence (Theoretical Basis)
5	Competitive Advantage or Unique Selling Proposition (Cost Reduction, Process improvement, Attainment of any SDG (Sustainable Development Goal), increase of market share or capturing new market or having superior performance over a competitor. In summary, any striking aspect of the project that compels the industry to invest in FYP or purchase it. Some detailed description is required in terms of how, why when what. You can select one or more from the following dropdown and delete the rest of them). Please keep relevant options, delete the rest of them, and correct the sequence
a	Cost Reduction of Existing Product
b	Process Improvement which Leads to Superior Product or Cost Reduction, Efficiency Improvement of the Whole Process (e.g. What is the issue is current process and what improvement you suggests)
c	Attainment of any SDG (e.g. How it is achieved and why it is necessary for the region)
d	Expanding of Market share (e.g. how it expand and what is the problem with the current market)
f	Any Environmental Aspect (e.g. carbon reduction, energy-efficient, etc.)
6	Target Market (Industries, Groups, Individuals, Families, Students, etc) Please provide some detail about the end-user of the product, process, or service
7	Team Members (Names & Roll No.)

8	Supervisor Name	Sadaqat ullah Khan, Tehmina Ayub																																
9	Supervisor Email Address	sadaqat@neduet.edu.pk , tehminal@neduet.edu.pk																																
10	<p>Pictures (If any)</p> <div style="text-align: center;">  <p>Comparative analysis of different types of masonry blocks (Conclusive summary)</p> <p>The chart displays three metrics for seven masonry block types: Direct Cost/Unit (PKR), Weight/Unit (lb), and Strength (psi). The Y-axis for Cost and Weight ranges from 0 to 30, while the Y-axis for Strength ranges from 0 to 800. The X-axis lists the block types: CLC, Saw-Dust, LW-Agg, Plastic, Polystyrene, FlyAsh, and Conventional.</p> <table border="1"> <thead> <tr> <th>Block types</th> <th>Direct Cost/Unit (PKR)</th> <th>Weight/Unit (lb)</th> <th>Strength (psi)</th> </tr> </thead> <tbody> <tr> <td>CLC</td> <td>24</td> <td>10</td> <td>6</td> </tr> <tr> <td>Saw-Dust</td> <td>18</td> <td>26</td> <td>8</td> </tr> <tr> <td>LW-Agg</td> <td>15</td> <td>12</td> <td>12</td> </tr> <tr> <td>Plastic</td> <td>10</td> <td>17</td> <td>6</td> </tr> <tr> <td>Polystyrene</td> <td>15</td> <td>6</td> <td>10</td> </tr> <tr> <td>FlyAsh</td> <td>12</td> <td>3</td> <td>10</td> </tr> <tr> <td>Conventional</td> <td>26</td> <td>14</td> <td>26</td> </tr> </tbody> </table> </div>		Block types	Direct Cost/Unit (PKR)	Weight/Unit (lb)	Strength (psi)	CLC	24	10	6	Saw-Dust	18	26	8	LW-Agg	15	12	12	Plastic	10	17	6	Polystyrene	15	6	10	FlyAsh	12	3	10	Conventional	26	14	26
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