

# AR-301

CODE	SUBJECT	CREDITS
AR-301	DESIGN STUDIO-III	08
<b>FOCUS</b>		
Built Environment & Architectural Form as Resultant of Material and Structure		
<b>OBJECTIVE</b>		
The course will introduce students to basic properties and application of building material and its ability to create an architectural space and form of a certain ambience and scale.		
<b>CONTENT</b>		
	<ul style="list-style-type: none"> <li>❖ Understanding the various criteria of case -study i.e. things to notice while doing the case studies</li> <li>❖ user-activities in activity hour w.r.t. spaces</li> <li>❖ Feasibility of scale of space w.r.t. nos. of users</li> <li>❖ Climatic criteria taken care of w.r.t. kind &amp; nos. of users</li> <li>❖ Finding out programmatic add-ons that can enhance the architectural quality of spaces or functioning of space</li> <li>❖ Patterns of social interactions – one-to-one, small group formations, community gatherings etc w.r.t. activity and scale of space</li> <li>❖ Understanding the clientele – users properly w.r.t. their anthropometry, psychology and behavior pattern for this specific function</li> </ul>	
<b>METHODOLOGY</b>		
	<ul style="list-style-type: none"> <li>- Bubble diagrams, using grid or standardized unit as design tools</li> <li>- creating typical 'interior layouts' for specific activity -spaces w.r.t. anthropometry &amp; building materials (wall openings, thicknesses etc)</li> <li>- Basic site development criteria margins, landscape, approaches, entry &amp; any specific site features very basic vehicular and pedestrian movement within the site</li> <li>- Usage of building material as generation of building language</li> <li>- Usage of building material w.r.t. climate, construction &amp; technology available</li> </ul>	
<b>REFERENCES:</b>		
	Pattern language- Christopher Alexander Scale in Architecture -Frank Orr Architecture as Space -Bruno Zevi Design Strategies in Architecture -Edited by Geoffrey Baker Environmental Interaction-David Canter & Peter Stringer	