

**L J UNIVERSITY**  
**L J SCHOOL OF DESIGN**  
 Syllabus for Bachelors of Design  
 Third Year I Semester 6

CODE	SUBJECT	CREDIT
10180602	Furniture & ergonomics IV (Folding/Modular Furniture)	4
<b>AIM</b>		
	To design furniture for multiple usage in interior/exterior space keeping in mind the ergonomic factors.	
<b>CONTENT:-</b>		
	<ul style="list-style-type: none"> <li>• To understand the different types of furniture and there uses.</li> <li>• To understand the need of multiple use of single furniture in small and large scale interior / exterior spaces.</li> <li>• To understand the ergonomics of interior/exterior furniture through detailcase studies and literature study.</li> <li>• Understanding of different materials, their strengths to create flexible/adjustablejoineries.</li> <li>• To understand multiple use of furniture, which allows the change of humanpostures for better comfort with optimum space usage.</li> </ul>	
<b>METHODOLOGY:-</b>		
	<ul style="list-style-type: none"> <li>• Case studies and literature studies to understand the ergonomics of residentialand office furniture.</li> <li>• Making of wooden/Metal or any other material's joinery to get a practical and physical behavior.</li> <li>• Site visits of furniture industry/showroom for better understanding of how theymake, transport and sale furniture.</li> <li>• Designing and making of actual scale prototype of folding/adjustable furniture.</li> </ul>	
<b>REFERENCE BOOK:-</b>		
	<ul style="list-style-type: none"> <li>• "Designing furniture from concept to shop drawing: a practical guide" by A finewoodworking Book</li> <li>• "1000 chairs" By charlotte and Peter Fiell</li> <li>• "Making it" By Chris Lefteri</li> <li>• "DIY Furniture a step by step guide" Christopher Stuart</li> <li>• "Design your own furniture by" Woodworking books</li> <li>• "Furniture – word styles from classical to contemporary" by DK publishing, NewYork</li> <li>• "History of Modern Furniture Design" by DanielaKarasova</li> </ul>	