

## LESSON PLAN

**NAME OF THE FACULTY** : **MR. KULDEEP**  
**DISIPLINE** : **ARCHITECTURAL ASSISTANTSHIP**  
**SEMESTER** : **4<sup>th</sup>**  
**SUBJECT** : **BUILDING BYE LAWS**  
**LESSION PLAN DURATION** : **15 WEEKS**  
**WORK LOAD PER WEEK** : **03**

Week	Theory	
	Lecture Day	Topic
1 <sup>ST</sup>	1	Introduction of building bye laws
	2	Need of building bye-laws for urban development.
	3	Basic Terminology of building bye-laws
2 <sup>ND</sup>	4	Factors affecting planning of bye-laws
	5	Light and ventilation
	6	Mass
3 <sup>RD</sup>	7	Volume
	8	Open space
	9	Skyline
4 <sup>TH</sup>	10	Setbacks.
	11	Parking and Fire Safety
	12	Floor Area Ratio
5 <sup>TH</sup>	13	Floor space index
	14	Bye laws
	15	<b>SESSIONAL TEST - 1</b>
6 <sup>TH</sup>	16	Study Building Bye-laws
	17	Study Building Bye-laws of local development authorities
	18	Introduction to National Building Code.
7 <sup>TH</sup>	19	Zoning

	<b>20</b>	Concept of zoning
	<b>21</b>	Objectives of zoning
<b>8<sup>TH</sup></b>	<b>22</b>	Types of zoning OF residential
	<b>23</b>	Types of zoning OF commercial building
	<b>24</b>	Types of zoning OF other building
<b>9<sup>TH</sup></b>	<b>25</b>	Types of zoning OF other building
	<b>26</b>	Case Study of existing residential with respect to implementation of local Bye laws
	<b>27</b>	Case Study of commercial building with respect to implementation of local Bye laws
<b>10<sup>TH</sup></b>	<b>28</b>	Case Study of existing residential with respect to implementation of local Bye laws
	<b>29</b>	Case Study of commercial building with respect to implementation of local Bye laws
	<b>30</b>	<b>SESSIONAL TEST - 2</b>
<b>11<sup>TH</sup></b>	<b>31</b>	Study of various Performas to be used
	<b>32</b>	BIS By-laws/standards for removing Architectural
	<b>33</b>	CPWD By-laws/standards for removing Architectural
<b>12<sup>TH</sup></b>	<b>34</b>	Barriers for persons with disabilities (PWDs)
	<b>35</b>	Introduction to seismic zoning
	<b>36</b>	Introduction to earthquake
<b>13<sup>TH</sup></b>	<b>37</b>	Introduction to seismic & earthquake
	<b>38</b>	resistant regulations
	<b>39</b>	Code provisions (IS-1893)
<b>14<sup>TH</sup></b>	<b>40</b>	seismic zoning
	<b>41</b>	Preparation of one set of municipal drawing of a residential building already
	<b>42</b>	Preparation of one set of municipal drawing of a commercial already
<b>15<sup>TH</sup></b>	<b>43</b>	Designed in A.D. showing all services along with performas.
	<b>44</b>	Designed in A.D. showing all services along with performas.
	<b>45</b>	<b>SESSIONAL TEST - 3</b>