



**Course Title: BUILDING BYE - LAWS AND CODES PRACTICES**

**Course Code: ARCH242**

**Credit Units: 2**

**Level: UG**

L	T	P/S	SW/FW	TOTAL CREDIT UNITS
3	-	-	-	3

#	Course Title	Weightage (%)
	<b>BUILDING BYE - LAWS AND CODES PRACTICES</b>	
1	<b>Course Objectives:</b> To study the development controls as applicable to building design. To acquaint the students to compulsory building bye-laws and permits.	
2	<b>Prerequisites:</b> NIL	
3	<b>Student Learning Outcomes:</b> To apply the laws laid down by the government agencies regulating the building construction which would help when students starts practicing architecture.	
<b>Course Contents / Syllabus:</b>		
4	<b>Module I: Introduction to Building Bye Laws</b>	15
	Introduction to Building Bye Laws and regulation, their need and relevance, general definitions such as building height, building line, FAR, Ground Coverage, set back line. Role of various statutory bodies governing building works like development authorities, municipal corporations etc. Introduction to Master Plan and understanding various land uses like institutional, residential etc. and related terminology	
5	<b>Module II: Application of Building Bye Laws</b>	20
	Interpretation of information given in bye laws including ongoing changes as shown in various annexure and appendices. Application of Bye Laws like structural safety, fire safety, earthquake safety, basement, electricity, water, and communication lines in various building types.	
6	<b>Module III: Introduction to Codes of Practice</b>	20
	Introduction to various building codes in professional practice emphasizing the importance of codes and regulations to protect public health, safety and welfare and to ensure compliance with the local authority	
7	<b>Module IV: Application of Codes of Practice</b>	45
	Understanding the applications of various codes as per various building types. Conducting a comprehensive code search process and representing the above analysis by preparing detailed code data sheets as applicable in the domain which has been chosen for the research.	

<b>8</b>	<b>Pedagogy for Course Delivery:</b>						
<b>9</b>	<b>Assessment/ Examination Scheme:</b>						
	<b>Theory (%)</b>	<b>Lab/Practical/Studio (%)</b>				<b>Total</b>	
	100%	NIL				100%	
	<b>Theory Assessment L/T</b>						
	<b>Components (Drop down)</b>	<b>A</b>	<b>P</b>	<b>S</b>	<b>CT</b>	<b>CP</b>	<b>EE</b>
	<b>Weightage (%)</b>	05	10	15	10	10	50

**Text & References:**

***Texts:***

- Delhi Building Bye-Laws – Nabhi Publications
- Model – Bye-laws by TCPO

***References:***

- D.D.A. – Delhi Master Plan
- National Building Code
- Various IS Codes