

P.O. NO.	PO1	PO2	PO3	PO4	PO5	PO6	PO7
<b>B.ARCH. PROGRAMME OUTCOMES</b>	to have acquired a comprehensive understanding of Architecture and allied fields as a system of life-long learning and inquiry and to be able to contribute to its evolution through a critical understanding of existing systems leading to innovative design solutions	to have grasped technical, practical and procedural knowledge like structural systems, building services, building regulations and bylaws, material specifications and use, and time and finance management; thereby developing an attitude for entrepreneurship and enterprise creation	to be able to critically analyze problems and effectively recognise and respond to complex real-life systems of social and cultural diversity; through a process of observation, inquiry and exploration; to arrive at contextual, engaging and empathetic design solutions	to effectively practice, operate and reskill oneself with respect to modern ICT and mechanical tools and methods prevalent in the profession	to make an effective and competent team player and leader with humanistic and moral values as well as good written and oral communication skills and to be able to implement a culture of discipline and high standards in all spheres of work	to be able to apply and enforce constitutional, humanistic, ethical value systems, practice responsible global citizenship and shoulder responsibility of the decisions taken to cultivate humane and sustainable practices in the profession	to have acquired adequate knowledge, values and sensitivity in the area of environmental degradation due to the built environment to be able to assess and examine existing systems in the profession with respect to effective water, waste and energy management, and conservation of biodiversity and suggest and implement viable solutions towards long term sustainability
<b>C.O. NO.</b>	<b>COURSES AND COURSE OUTCOMES</b>						
<b>ARCHITECTURAL DESIGN - SEMESTERS 1 (BARC 101) &amp; 2 (BARC 201)</b>							
CO1	- to understand the human body and its relationship with space and the activities conducted within						
	REVISIED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	2	0	3	1	2	0
CO2	- to understand scale and proportion of the human body within these spaces and to objects around them						
	REVISIED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	2	3	3	0	0	0
CO3	- to develop an architectural vocabulary and begin to understand language of visualization						
	REVISIED BLOOM'S TAXONOMY - LVL 3						
	MAPPING SCORE	2	3	3	0	0	0
CO4	- to understand architecture through and within its context and environment through measured documentation, photography, observational sketches, and interaction with local inhabitants leading to a comprehensive analysis of site						
	REVISIED BLOOM'S TAXONOMY - LVL 4						
	MAPPING SCORE	3	3	3	3	2	2
CO5	- to ensure adequate exposure to architects, their process of ideation and their works						
	REVISIED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	2	3	3	2
CO6	- to be able to translate analysis into effective design for small groups and minor activities						
	REVISIED BLOOM'S TAXONOMY - LVL 5 & 6						
	MAPPING SCORE	3	3	3	3	0	2
	<b>PO AVERAGE SCORE</b>	<b>2.5</b>	<b>3</b>	<b>2.83</b>	<b>2.00</b>	<b>2.33</b>	<b>2.00</b>
<b>ARCHITECTURAL DESIGN - SEMESTERS 3 (BARC 301) &amp; 4 (BARC 401)</b>							
CO1	- to go beyond personal space analysis and understand the spatial requirements for small activities conducted by small groups of people						
	REVISIED BLOOM'S TAXONOMY - LVL 4						
	MAPPING SCORE	2	3	3	3	2	0
CO2	- to comprehend the indoor and outdoor space created by a building envelope and observe and analyse the behavioural patterns of people within those spaces						
	REVISIED BLOOM'S TAXONOMY - LVL 4						
	MAPPING SCORE	2	0	3	3	0	0
CO3	- percolation of construction and material understanding into design through prescribed detailing of the built form and necessary infrastructure						
	REVISIED BLOOM'S TAXONOMY - LVL 3						
	MAPPING SCORE	0	2	2	3	0	3
CO4	- use case studies and surveys to conduct necessary research for the rural and peri-urban natural surroundings, communities and social fabric and create regional and contextual design inserts						
	REVISIED BLOOM'S TAXONOMY - LVL 4,5,6						
	MAPPING SCORE	3	2	3	3	2	3
	<b>PO AVERAGE SCORE</b>	<b>2.33</b>	<b>2.33</b>	<b>2.75</b>	<b>3.00</b>	<b>2</b>	<b>2</b>
<b>ARCHITECTURAL DESIGN - SEMESTERS 5 (BARC 501) &amp; 6 (BARC 601)</b>							
CO1	- to recognise the potential of land in urban settings and understand the need for optimisation of space						
	REVISIED BLOOM'S TAXONOMY - LVL 3	FALSE					
	MAPPING SCORE	2	2	3	0	2	2
CO2	- to be able to discern building form with respect to function, climate, building bylaws and regulations						
	REVISIED BLOOM'S TAXONOMY - LVL 3						
	MAPPING SCORE	2	2	3	3	0	3
CO3	- to comprehend urban institutions and other primarily urban activities in terms of building character and possible response to context						
	REVISIED BLOOM'S TAXONOMY - LVL 3						
	MAPPING SCORE	2	3	3	0	0	3
CO4	- to be able to integrate infrastructure and building system details into the design solution effectively						
	REVISIED BLOOM'S TAXONOMY - LVL 3						
	MAPPING SCORE	3	3	2	2	0	0
CO5	- to recognise architectural design as a means to enhance the core working as well as imageability of the function designed for						
	REVISIED BLOOM'S TAXONOMY - LVL 3						
	MAPPING SCORE	3	0	3	3	3	2
	<b>PO AVERAGE SCORE</b>	<b>2.40</b>	<b>2.50</b>	<b>2.80</b>	<b>2.67</b>	<b>2.50</b>	<b>2.50</b>
<b>ARCHITECTURAL DESIGN - SEMESTER 7 (BARC 701)</b>							
CO1	- to study and understand and analyse housing in urban agglomerations						
	REVISIED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	2	3	3	0	2	3
CO2	- to be able to analyse and apply qualitative and quantitative aspects of mass housing						
	REVISIED BLOOM'S TAXONOMY - LVL 3, 4						
	MAPPING SCORE	3	2	3	3	0	2
CO3	- to be able to comprehend and design for user aspirations and user affordability						
	REVISIED BLOOM'S TAXONOMY - LVL 5, 6						
	MAPPING SCORE	2	2	3	0	2	2
	<b>PO AVERAGE SCORE</b>	<b>2.33</b>	<b>2.33</b>	<b>3.00</b>	<b>3</b>	<b>2.00</b>	<b>2.33</b>
<b>ARCHITECTURAL DESIGN - SEMESTER 9 (BARC 901)</b>							
CO1	- to be able to conduct a detailed analysis of a larger context in an urban setting						
	REVISIED BLOOM'S TAXONOMY - LVL 4						
	MAPPING SCORE	3	2	3	3	3	3
CO2	- to discern through analysis of context, socio-economic, cultural and political inferences that aid understanding user requirements						
	REVISIED BLOOM'S TAXONOMY - LVL 5						
	MAPPING SCORE	3	2	3	3	3	3

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CO3	- to be able to integrate transportation planning and accessibility into design ideation along with other infrastructure and services REVISIED BLOOM'S TAXONOMY - LVL 6 MAPPING SCORE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	3	3	3	3	3	2	2
<b>PO AVERAGE SCORE</b>	<b>2.39</b>	<b>2.54</b>	<b>2.85</b>	<b>2.56</b>	<b>2.28</b>	<b>2.28</b>	<b>2.38</b>
<b>DESIGN DISSERTATION - SEMESTERS 9 (BARC 911) &amp; 10 (BARC 1011)</b>							
CO1	- to be able to effectively choose a relevant topic for architectural research and able to provoke an architectural intervention REVISIED BLOOM'S TAXONOMY - LVL 5 MAPPING SCORE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	2	3	3	1	1	2	2
CO2	- to successfully conduct research on the chosen topic with adequate data collection, analysis and inferencing to arrive at an appropriate architectural intervention and relevant site for it's design REVISIED BLOOM'S TAXONOMY - LVL 4, 5 MAPPING SCORE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	3	3	3	2	2	2	3
CO3	- to be able to develop a detailed and future relevant design brief for the prospective architectural intervention REVISIED BLOOM'S TAXONOMY - LVL 5 MAPPING SCORE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	3	3	3	0	2	3	3
CO4	- to be able to actualise the developed brief on the chosen site in the form of an architectural design with a complete set of architectural drawings and details REVISIED BLOOM'S TAXONOMY - LVL 4, 6 MAPPING SCORE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	3	3	3	3	3	3	3
<b>PO AVERAGE SCORE</b>	<b>2.75</b>	<b>3.00</b>	<b>3.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.50</b>	<b>2.75</b>
<b>ALLIED DESIGN - SEMESTERS 1 (BARC 102) &amp; 2 (BARC 202) - BASIC DESIGN</b>							
CO1	- to be able to comprehend elements of visual design that include line, shape, space, volume, colour, texture REVISIED BLOOM'S TAXONOMY - LVL 2 MAPPING SCORE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	2	0	0	2	3	1	0
CO2	- to be able to effectively understand and apply principles of visual design which include harmony, rhythm, balance, proportion, repetition and contrast REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	3	0	1	2	2	2	0
CO3	- to be able to synthesise learnings into visual form driven by personal aesthetic style and vision REVISIED BLOOM'S TAXONOMY - LVL 5, 6 MAPPING SCORE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	3	1	2	2	2	2	1
<b>PO AVERAGE SCORE</b>	<b>2.67</b>	<b>1.00</b>	<b>1.50</b>	<b>2.00</b>	<b>2.33</b>	<b>1.67</b>	<b>1.00</b>
<b>ALLIED DESIGN - SEMESTERS 3 (BARC 302) &amp; 4 (BARC 402) - INTERIOR DESIGN</b>							
CO1	- to acquire sensitivity to user requirements based on social and cultural factors REVISIED BLOOM'S TAXONOMY - LVL 1, 2 MAPPING SCORE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	3	2	3	2	3	2	0
CO2	- to be able to define spatial attributes within a built envelope through an understanding of the dynamic relationship between space and human behaviour REVISIED BLOOM'S TAXONOMY - LVL 4, 5 MAPPING SCORE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	3	3	3	2	3	2	0
CO3	- to be able to understand and create spatial layouts that provide for activity patterns based on activity patterns of users; helping them meet their goals based on analysis of behaviour related space utilization REVISIED BLOOM'S TAXONOMY - LVL 5, 6 MAPPING SCORE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	3	3	3	3	3	3	1
CO4	- to be able to define functional aspects of interior material and specify furniture, fabric and equipment REVISIED BLOOM'S TAXONOMY - LVL 1, 4 MAPPING SCORE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	3	3	3	2	3	3	3
CO5	- to be able to plan, draw and represent designed space based on standards and minimum dimensions REVISIED BLOOM'S TAXONOMY - LVL 4 MAPPING SCORE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	3	3	2	3	3	3	2
<b>PO AVERAGE SCORE</b>	<b>3.00</b>	<b>2.80</b>	<b>2.80</b>	<b>2.40</b>	<b>3.00</b>	<b>2.60</b>	<b>2.00</b>
<b>ALLIED DESIGN - SEMESTERS 5 (BARC 502) &amp; 6 (BARC 602) - LANDSCAPE DESIGN</b>							
CO1	- to get sensitized with the scope of landscape design and its importance with respect to understanding the significance of land and its elements as a resource. REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	3	3	3	2	3	2	3
CO2	- to understand in detail the elements of landscape to substantiate the use and application to serve the purpose of enclosure of space, conservation and restoration of the natural environment. REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	3	3	3	2	3	2	3
CO3	- to understand the typology of the planting palette – classification as per stratification order, propagation and physical and biological attributes; scientific representation of the plants, identification based on the leaf/leaves structure, fruiting and flowering, colour, texture, dependence/reliance on exposure to sunlight and quantity water through soil; it's origin and adaptability that quantifies it as endemic, adapted, introduced or invasive species in a region. REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	3	3	3	2	3	2	3
CO4	- to delve into concepts of land modulation, surface water drainage, planting scheme, grain mapping, civil layouts and reading of landscape through the satellite images and graphical representation of the landscape from macro to micro scales. REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	3	3	3	3	3	3	3
	- to respond to the socio-cultural context, sustainability and efficiency of the site						

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CO5	sustainability and efficiency of the site under consideration through effective design solutions arrived at through an application and evaluation of the theories taught						
	REVISIED BLOOM'S TAXONOMY - LVL 4, 5, 6						
	MAPPING SCORE	3	3	3	2	3	3
	PO AVERAGE SCORE	3.00	3.00	3.00	2.20	3.00	2.40
<b>ALLIED DESIGN - SEMESTERS 7 (BARC 702) - URBAN PLANNING</b>							
CO1	- to understand the basic need, role, and instruments of urban planning for sustainable urban development.						
	REVISIED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	3	2	3	2
CO2	- to have acquired knowledge of the theoretical fundamentals of the discipline of Urban Planning and is able to take a critical position concerning different urban planning experiments and theories, based upon knowledge and arguments						
	REVISIED BLOOM'S TAXONOMY - LVL 2, 5						
	MAPPING SCORE	3	3	3	2	3	2
CO3	- to understand the complexity, multi-scalarity and uncertainty of urban development and its impact of urban planning by studying various global urban planning approaches						
	REVISIED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	3	3	3	3	3	3
CO4	- to formulate and argue for a comprehensive urban vision, drawing on commonly shared values and norms, evident urban development and appropriate planning principles.						
	REVISIED BLOOM'S TAXONOMY - LVL 5, 6						
	MAPPING SCORE	3	3	3	3	3	3
CO5	- to be able to translate a vision into a strategic master plan that is relevant and feasible in the given context and has long-term urban sustainable development goals.						
	REVISIED BLOOM'S TAXONOMY - LVL 5, 6						
	MAPPING SCORE	3	3	3	3	3	3
	PO AVERAGE SCORE	3.00	3.00	3.00	2.60	3.00	2.60
<b>ALLIED DESIGN - SEMESTERS 9 (BARC 902) - URBAN DESIGN</b>							
CO1	- to understand the urban context and comprehend scales of urban design and intervention						
	REVISIED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	3	3	3	2	3	3
CO2	- to study and critically analyse the issues faced by cities						
	REVISIED BLOOM'S TAXONOMY - LVL 4						
	MAPPING SCORE	3	3	3	3	3	3
CO3	- to study, compare, analyse and criticise, adequate examples of urban projects at various scales in order to gain some level of understanding of the complexities of the growth and design of cities						
	REVISIED BLOOM'S TAXONOMY - LVL 5, 6						
	MAPPING SCORE	3	3	3	3	3	3
CO4	- to be equipped with ancillary knowledge allowing for the adoption of a more holistic approach in providing for an urban area						
	REVISIED BLOOM'S TAXONOMY - LVL 4						
	MAPPING SCORE	3	3	3	3	3	3
CO5	- to approach the design of an urban space with an integrated approach						
	REVISIED BLOOM'S TAXONOMY - LVL 5, 6						
	MAPPING SCORE	3	3	3	3	3	3
	PO AVERAGE SCORE	3.00	3.00	3.00	2.80	3.00	3.00
<b>PO AVERAGE SCORE ACCROSS DESIGN SUBJECTS</b>							
		2.67	2.59	2.78	2.47	2.49	2.39
<b>ARCHITECTURAL BUILDING CONSTRUCTION AND MATERIALS - SEMESTERS 1 &amp; 2</b>							
CO1	- to understand elements of building construction with respect to substructure and superstructure						
	REVISIED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	2	1	1	2
CO2	- to understand the construction of built forms from foundation to roof in various building practices						
	REVISIED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	2	1	1	2
CO3	- to gain in depth knowledge and understanding of different building materials used for construction						
	REVISIED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	3	3	2	1	1	2
CO4	- to understand the contextual relevance of natural and man made materials and their applicability in various construction practices.						
	REVISIED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	3	3	3	1	1	2
	PO AVERAGE SCORE	3.00	3.00	2.25	1.00	1.00	2.00
<b>ARCHITECTURAL BUILDING CONSTRUCTION AND MATERIALS - SEMESTERS 3 &amp; 4</b>							
CO1	- to understand structural framing, various construction systems like foundation systems, Wall systems, circulation systems and roofing systems.						
	REVISIED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	2	1	1	1
CO2	- to understand the various concepts of framed RCC structure, components of RCC and various methods of construction of RCC structures.						
	REVISIED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	2	1	1	1
CO3	- to get in depth understanding of structural systems of foundation, floor, wall, cladding and roofing in Steel framed structures.						
	REVISIED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	3	3	3	1	1	2

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CO4	- to get acquainted with not only the external construction systems but also internal systems like light weight partitioning and paneling, stairs in interior spaces and moisture and thermal protection in RCC and Steel framed structures. REVISED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	3	3	3	1	1	1
	PO AVERAGE SCORE	3.00	3.00	2.50	1.00	1.00	1.00
<b>ARCHITECTURAL BUILDING CONSTRUCTION AND MATERIALS - SEMESTERS 5 &amp; 6</b>							
CO1	- to understand design of facade systems - various types, specifics of use, material choices and structural implications REVISED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	3	2	1	2
CO2	- to gain in depth knowledge and understanding of pre-cast construction methods REVISED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	3	3	3	1	1	2
CO3	- to understand in detail the construction techniques, details and uses of advanced slabs REVISED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	3	3	3	1	1	2
CO4	- to understand in detail the various kinds of foundations and their areas of use, along with systems of basement waterproofing REVISED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	3	3	3	1	1	1
CO5	- to be able to evaluate and apply learned systems in working details for design REVISED BLOOM'S TAXONOMY - LVL 4, 5						
	MAPPING SCORE	3	3	3	2	2	2
	PO AVERAGE SCORE	3.00	3.00	3.00	1.40	1.20	1.80
<b>ARCHITECTURAL BUILDING CONSTRUCTION AND MATERIALS - SEMESTER 7</b>							
CO1	- to understand design of deep foundations with an emphasis on the suitability of construction with respect to soil conditions and structural suitability. REVISED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	2	2	1	1
CO2	- to gain in depth knowledge and understanding of various methods of pile foundations and footings. REVISED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	3	3	3	2	1	1
CO3	- to understand other ancillary construction details like pile caps, precast piles and in situ pile foundations to be studied and understood with the help of examples and site visits. REVISED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	3	3	3	2	1	1
CO4	- to understand theory and principles of structural design of high rise buildings. REVISED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	3	3	3	2	1	1
CO5	- to learn about various design considerations and construction methods for earthquake resistant structures. REVISED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	3	3	3	2	1	1
	PO AVERAGE SCORE	3.00	3.00	2.80	2.00	1.20	1.00
<b>ARCHITECTURAL BUILDING CONSTRUCTION AND MATERIALS - SEMESTERS 9 &amp; 10</b>							
CO1	- to understand the advanced construction techniques for long span structures, long span beams, long span trusses, long span arches, cable structures, folded plates and space frames REVISED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	3	2	2	2
CO2	- to study various structural systems and methods of construction required for intelligent structures and control of the structural response REVISED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	3	3	3	2	2	2
CO3	- to be able to apply various structural construction details effectively in the design dissertation project along with case studies and examples REVISED BLOOM'S TAXONOMY - LVL 2, 4, 5						
	MAPPING SCORE	3	3	3	3	2	2
	PO AVERAGE SCORE	3.00	3.00	3.00	2.33	2.00	2.33
<b>ARCHITECTURAL BUILDING SERVICES - SEMESTERS 3 &amp; 4</b>							
CO1	- to understand and be able to apply various types of sanitary appliances, their space requirements and their plumbing details REVISED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	3	3	3	1	2	2
CO2	- to understand systems of building drainage and water supply connections from municipal mains to all the various appliances REVISED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	3	1	2	2
CO3	- to understand and apply external services of water supply and drainage systems for the building and site layout. REVISED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	3	3	3	1	2	2
CO4	- to understand other surface water drainage, roof drainage, site drainage and rainwater harvesting. REVISED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	3	1	2	2
	PO AVERAGE SCORE	3.00	3.00	3.00	1.00	2.00	2.00
<b>ARCHITECTURAL BUILDING SERVICES - SEMESTERS 5 &amp; 6</b>							
CO1	- to understand the basic concept of electricity, supply and distribution to buildings and within the buildings. REVISED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	3	3	3	1	2	2
CO2	- to have an understanding of wiring, types and its accessories along with the nuances of artificial and natural lighting and illumination levels etc REVISED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	3	2	2	3

P.O. NO.		PO1	PO2	PO3	PO4	PO5	PO6	PO7
<b>B.ARCH. PROGRAMME OUTCOMES</b>		to have acquired a comprehensive understanding of Architecture and allied fields as a system of life-long learning and inquiry and to be able to contribute to its evolution through a critical understanding of existing systems leading to innovative design solutions	to have grasped technical, practical and procedural knowledge like structural systems, building services, building regulations and bylaws, material specifications and use, and time and finance management; thereby developing an attitude for entrepreneurship and enterprise creation	to be able to critically analyze problems and effectively recognise and respond to complex real-life systems of social and cultural diversity; through a process of observation, inquiry and exploration; to arrive at contextual, engaging and empathetic design solutions	to effectively practice, operate and reskill oneself with respect to modern ICT and mechanical tools and methods prevalent in the profession	to make an effective and competent team player and leader with humanistic and moral values as well as good written and oral communication skills and to be able to implement a culture of discipline and high standards in all spheres of work	to be able to apply and enforce constitutional, humanistic, ethical value systems, practice responsible global citizenship and shoulder responsibility of the decisions taken to cultivate humane and sustainable practices in the profession	to have acquired adequate knowledge, values and sensitivity in the area of environmental degradation due to the built environment to be able to assess and examine existing systems in the profession with respect to effective water, waste and energy management, and conservation of biodiversity and suggest and implement viable solutions towards long term sustainability
CO3	-to understand concepts and terminology of room acoustics, propagation and reverberation of sound along with acoustics of lecture halls and auditoriums. REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	3	3	1	2	2	2
CO4	-to have an understanding of fire protection for buildings, fire regulations, code of safety, design considerations, systems for fire protection etc REVISED BLOOM'S TAXONOMY - LVL 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	3	3	1	2	2	2
CO5	-to understand the services necessary for high rise buildings for water supply and electrical distribution REVISED BLOOM'S TAXONOMY - LVL 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	3	3	1	2	2	3
CO6	-to understand the vertical transportation systems with provision of space and installation of requirements for lifts and escalators. REVISED BLOOM'S TAXONOMY - LVL 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	3	3	1	2	2	3
	<b>PO AVERAGE SCORE</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>1.17</b>	<b>2.00</b>	<b>2.00</b>	<b>2.50</b>
<b>ARCHITECTURAL BUILDING SERVICES - SEMESTER 7</b>								
CO1	-to understand the concept of heating of spaces, thermal conductivity and insulation. REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	3	3	1	2	2	3
CO2	-to understand the mechanical ventilation of buildings and basements, air conditioning, concept of refrigeration cycle and air cycle, ducting, fixtures and fittings REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	3	3	1	2	2	3
CO3	-to gain in depth knowledge of fans, blowers and air filters, along with systems of air conditioning local and central. REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	3	3	1	2	2	2
	<b>PO AVERAGE SCORE</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>1.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.67</b>
<b>ARCHITECTURAL BUILDING SERVICES - SEMESTER 9</b>								
CO1	-to understand integrated services and specialized requirements for specific functions and building types for example hospitals, hotels or auditoriums REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	3	3	2	2	2	3
CO2	-to get an understanding of building management systems in order to execute the functioning of the building in an efficient manner. REVISED BLOOM'S TAXONOMY - LVL 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	3	3	2	2	2	3
	<b>PO AVERAGE SCORE</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>2.00</b>	<b>2.00</b>	<b>2.00</b>	<b>3.00</b>
<b>ARCHITECTURAL REPRESENTATION AND DETAILING - GRAPHICAL DRAWING - SEMESTERS 1 &amp; 2</b>								
CO1	-to be able to effectively use the various kinds of drafting instruments REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	MAPPING SCORE	0	1	0	0	1	0	0
CO2	-to understand plane and solid geometry through orthography, plans, sections and elevations REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	MAPPING SCORE	1	2	0	0	1	0	0
CO3	-to understand objects, composition of the objects and assembly / reassembly of the same along with studio work culture, use of various instruments, joinery, exploration of materials and assembly. REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	MAPPING SCORE	1	2	1	0	1	1	0
CO4	-to have understood how to draw views in isometric, axonometric along with sciography for the built form REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	1	2	1	0	1	1	2
CO5	-to have learnt landscape outdoor sketching, anatomy, ergonomics via visual practical exercises, model making and architectural design exercises REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	MAPPING SCORE	1	2	1	0	1	1	0
CO6	-to get an idea of scale and the various materials available for model making REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	1	1	1	0	1	1	1
CO7	-to be able to make neat models using various materials for various scales of design to be able to effectively represent their ideas in the third dimension REVISED BLOOM'S TAXONOMY - LVL 2, 4, 6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	MAPPING SCORE	1	1	1	0	1	1	0
	<b>PO AVERAGE SCORE</b>	<b>1.00</b>	<b>1.57</b>	<b>0.83</b>	<b>0.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.50</b>
<b>ARCHITECTURAL REPRESENTATION AND DETAILING - SEMESTER 3 - GRAPHICAL DRAWING &amp; SEMESTER 4 - SURVEYING AND LEVELLING</b>								
CO1	-to be able to effectively understand and use the method of perspective drawing to represent their design ideas REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	MAPPING SCORE	0	1	0	0	1	0	0
CO2	-to have learnt landscape outdoor sketching, anatomy, ergonomics via visual practical exercises REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	MAPPING SCORE	1	2	0	0	1	0	0
CO3	-to study a brief history of land surveys executed by the government REVISED BLOOM'S TAXONOMY - LVL 2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	MAPPING SCORE	1	2	0	0	0	0	0
CO4	-to be able to read survey maps, understanding features and undulation of ground REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	MAPPING SCORE	1	2	0	0	0	0	0
CO5	-being able to conduct various kinds of surveys like triangulation chain survey, transverse survey etc using the necessary instruments REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

P.O. NO.	PO1	PO2	PO3	PO4	PO5	PO6	PO7
<b>B.ARCH. PROGRAMME OUTCOMES</b>	to have acquired a comprehensive understanding of Architecture and allied fields as a system of life-long learning and inquiry and to be able to contribute to its evolution through a critical understanding of existing systems leading to innovative design solutions	to have grasped technical, practical and procedural knowledge like structural systems, building services, building regulations and bylaws, material specifications and use, and time and finance management; thereby developing an attitude for entrepreneurship and enterprise creation	to be able to critically analyze problems and effectively recognise and respond to complex real-life systems of social and cultural diversity; through a process of observation, inquiry and exploration; to arrive at contextual, engaging and empathetic design solutions	to effectively practice, operate and reskill oneself with respect to modern ICT and mechanical tools and methods prevalent in the profession	to make an effective and competent team player and leader with humanistic and moral values as well as good written and oral communication skills and to be able to implement a culture of discipline and high standards in all spheres of work	to be able to apply and enforce constitutional, humanistic, ethical value systems, practice responsible global citizenship and shoulder responsibility of the decisions taken to cultivate humane and sustainable practices in the profession	to have acquired adequate knowledge, values and sensitivity in the area of environmental degradation due to the built environment to be able to assess and examine existing systems in the profession with respect to effective water, waste and energy management, and conservation of biodiversity and suggest and implement viable solutions towards long term sustainability
	MAPPING SCORE	1	2	0	0	2	0
	PO AVERAGE SCORE	1.00	1.80	0.00	0.00	1.33	0.00
<b>ARCHITECTURAL REPRESENTATION AND DETAILING - SEMESTER 5 - ESTIMATING AND COSTING &amp; SEMESTER 6 - WORKING DRAWING</b>							
CO1	- to understand types of estimates, definition, aim and objectives, scope and importance of the subject with respect to practical application. REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	2	3	3	3	2	1
CO2	- to understand methods of estimation, rates of civil work items, calculation of quantities of civil works and preparation of abstract. REVISED BLOOM'S TAXONOMY - LVL 2, 4, 5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	2	3	3	3	2	1
CO3	- to have an understanding of the importance of specifications in construction activities, correct order and sequence of drafting of specifications, types, language and organization of project specification. REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	3	3	2	2	1
CO4	- to understand the importance and correct methods of making working drawings for execution of framed structures. REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	3	3	3	2	2
CO5	- to gain knowledge and correct detailing for execution of various systems such as roofing systems, walling systems, vertical circulation, flooring systems, fenestration etc. REVISED BLOOM'S TAXONOMY - LVL 2, 4, 5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	3	3	2	2	2
CO6	- to understand detailed specifications of various work items for a structure from excavation up to finishing of a super structure. REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	3	3	2	2	2
	PO AVERAGE SCORE	2.67	3.00	3.00	2.50	2.00	1.50
<b>ARCHITECTURAL REPRESENTATION AND DETAILING - SEMESTER 7 - MUNICIPAL DRAWING</b>							
CO1	- to understand building bye-laws and regulations, their need and relevance, approval drawings. REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	3	3	1	2	2
CO2	- to study national building code, implications of DCR, calculations of built up area and FSI. REVISED BLOOM'S TAXONOMY - LVL 2, 4, 5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	3	3	1	2	2
CO3	- to have basic understanding of the various drawings required for approvals from authorities basis of the development control rules and bye laws. REVISED BLOOM'S TAXONOMY - LVL 2, 4, 5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	3	3	2	2	2
	PO AVERAGE SCORE	3.00	3.00	3.00	1.33	2.00	2.00
<b>ARCHITECTURAL REPRESENTATION AND DETAILING - SEMESTER 10 - DETAILED DRAWINGS</b>							
CO1	- to be able to discern what details are essential in being able to adequately explain design for the dissertation project REVISED BLOOM'S TAXONOMY - LVL 4, 5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	3	3	3	2	2
CO2	- to be able to adequately represent details that are vital to their design dissertation in the form of technically correct and complete architectural drawings REVISED BLOOM'S TAXONOMY - LVL 4, 5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	3	3	3	2	2
	PO AVERAGE SCORE	3.00	3.00	3.00	3.00	2.50	2.00
	<b>PO AVERAGE SCORE ACCROSS TECHNICAL SUBJECTS</b>	<b>2.69</b>	<b>2.81</b>	<b>2.53</b>	<b>1.41</b>	<b>1.66</b>	<b>1.83</b>
<b>HUMANITIES - SEMESTERS 1 &amp; 2</b>							
CO1	- to understand world history systems of knowledge, history of cultural understanding, human cultural development, sociology and chorology of development of human history in Indian context as well as the world. REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	1	2	2	3	2
CO2	- to understand the history of art, culture and aesthetics, society, aesthetics and architecture REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	1	2	2	3	3
CO3	- to have in depth knowledge of prehistoric cultures, river valley civilizations, classical civilizations, influences of various cultures and civilizations of development of human history REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	1	2	2	3	2
	PO AVERAGE SCORE	3.00	1.00	2.00	2.00	3.00	2.33
<b>HUMANITIES - SEMESTERS 3 &amp; 4</b>							
CO1	- to understand and have keen knowledge about various modern movements in art and architecture, the architecture between and after wars. REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	1	2	2	3	2
CO2	- to understand the architectural evolution influenced by development of technology and structural systems. Postmodern and modern movements in art and architecture. REVISED BLOOM'S TAXONOMY - LVL 2, 4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	MAPPING SCORE	3	1	2	2	3	2
	- to have understood about art and architecture trends in the first two						

P.O. NO.	PO1	PO2	PO3	PO4	PO5	PO6	PO7
<b>B.ARCH. PROGRAMME OUTCOMES</b>	to have acquired a comprehensive understanding of Architecture and allied fields as a system of life-long learning and inquiry and to be able to contribute to its evolution through a critical understanding of existing systems leading to innovative design solutions	to have grasped technical, practical and procedural knowledge like structural systems, building services, building regulations and bylaws, material specifications and use, and time and finance management; thereby developing an attitude for entrepreneurship and enterprise creation	to be able to critically analyze problems and effectively recognise and respond to complex real-life systems of social and cultural diversity; through a process of observation, inquiry and exploration; to arrive at contextual, engaging and empathetic design solutions	to effectively practice, operate and reskill oneself with respect to modern ICT and mechanical tools and methods prevalent in the profession	to make an effective and competent team player and leader with humanistic and moral values as well as good written and oral communication skills and to be able to implement a culture of discipline and high standards in all spheres of work	to be able to apply and enforce constitutional, humanistic, ethical value systems, practice responsible global citizenship and shoulder responsibility of the decisions taken to cultivate humane and sustainable practices in the profession	to have acquired adequate knowledge, values and sensitivity in the area of environmental degradation due to the built environment to be able to assess and examine existing systems in the profession with respect to effective water, waste and energy management, and conservation of biodiversity and suggest and implement viable solutions towards long term sustainability
CO3 architecture trends in the first two decades of the new millenium in India as well as the world along with the various art movements and isms that influenced the art and culture of the world. REVISED BLOOM'S TAXONOMY - LVL 2, 4, 5	✓	✓	✓	✓	✓	✓	✓
MAPPING SCORE	3	1	3	2	3	2	1
CO4 - to understand architecture with reference to social issues related to urbanization in terms of major trends, pace, changes in pattern, genesis and work patterns in urban areas. REVISED BLOOM'S TAXONOMY - LVL 2, 4, 5	✓	✓	✓	✓	✓	✓	✓
MAPPING SCORE	3	1	3	2	3	3	1
CO5 - to understand urban issues and the issues to be studied with reference to Mumbai metropolitan region, preservation of natural resources, natural heritage, built heritage and socio-cultural heritage REVISED BLOOM'S TAXONOMY - LVL 2, 4, 5	✓	✓	✓	✓	✓	✓	✓
MAPPING SCORE	3	1	3	2	3	3	2
CO6 - to understand public spaces and public buildings with reference to accessibility, gender, age, etc. issues related to transport, real estate, public housing, infrastructure development and public health issues. REVISED BLOOM'S TAXONOMY - LVL 2, 4	✓	✓	✓	✓	✓	✓	✓
MAPPING SCORE	3	1	3	2	3	3	1
<b>PO AVERAGE SCORE</b>	<b>3.00</b>	<b>1.00</b>	<b>2.67</b>	<b>2.00</b>	<b>3.00</b>	<b>2.50</b>	<b>1.17</b>
<b>HUMANITIES - SEMESTERS 5 &amp; 6</b>							
CO1 - to understand and have keen knowledge about various modern movements in art and architecture, the architecture between and after wars. REVISED BLOOM'S TAXONOMY - LVL 2, 4	✓	✓	✓	✓	✓	✓	✓
MAPPING SCORE	3	1	2	2	3	2	1
CO2 - to understand the architectural evolution influenced by development of technology and structural systems. Postmodern and modern movements in art and architecture. REVISED BLOOM'S TAXONOMY - LVL 2, 4	✓	✓	✓	✓	✓	✓	✓
MAPPING SCORE	3	1	3	2	3	2	1
CO3 - to have understood about art and architecture trends in the first two decades of the new millenium in India as well as the world along with the various art movements and isms that influenced the art and culture of the world. REVISED BLOOM'S TAXONOMY - LVL 2, 4, 5	✓	✓	✓	✓	✓	✓	✓
MAPPING SCORE	3	1	3	2	3	3	1
CO4 - to understand architecture with reference to social issues related to urbanization in terms of major trends, pace, changes in pattern, genesis and work patterns in urban areas. REVISED BLOOM'S TAXONOMY - LVL 2, 4, 5	✓	✓	✓	✓	✓	✓	✓
MAPPING SCORE	3	1	3	2	3	3	1
CO5 - to understand urban issues and the issues to be studied with reference to Mumbai metropolitan region, preservation of natural resources, natural heritage, built heritage and socio-cultural heritage REVISED BLOOM'S TAXONOMY - LVL 2, 4, 5	✓	✓	✓	✓	✓	✓	✓
MAPPING SCORE	3	1	3	2	3	3	1
CO6 - to understand public spaces and public buildings with reference to accessibility, gender, age, etc. issues related to transport, real estate, public housing, infrastructure development and public health issues. REVISED BLOOM'S TAXONOMY - LVL 2, 4, 5	✓	✓	✓	✓	✓	✓	✓
MAPPING SCORE	3	1	3	2	3	3	1
<b>PO AVERAGE SCORE</b>	<b>3.00</b>	<b>1.00</b>	<b>2.83</b>	<b>2.00</b>	<b>3.00</b>	<b>2.67</b>	<b>1.00</b>
<b>ARCHITECTURAL THEORY - SEMESTERS 3 &amp; 4</b>							
CO1 - to understand what fundamental theories in architecture are REVISED BLOOM'S TAXONOMY - LVL 2	✓	✓	✓	✓	✓	✓	✓
MAPPING SCORE	3	2	2	2	3	2	1
CO2 - to be able to identify a variety of authors and practitioners who postulate core ideas and theories in architecture REVISED BLOOM'S TAXONOMY - LVL 2	✓	✓	✓	✓	✓	✓	✓
MAPPING SCORE	3	1	2	2	3	2	1
CO3 - to be able to understand a chronological progression of ideas and concepts in architecture REVISED BLOOM'S TAXONOMY - LVL 2	✓	✓	✓	✓	✓	✓	✓
MAPPING SCORE	3	2	3	2	3	3	1
CO4 - to be able to write with clarity about architecture and ideas in architecture REVISED BLOOM'S TAXONOMY - LVL 4, 5, 6	✓	✓	✓	✓	✓	✓	✓
MAPPING SCORE	3	2	3	2	3	3	1
CO5 - to be able to correctly use architectural terms to communicate architectural ideas. REVISED BLOOM'S TAXONOMY - LVL 4, 5	✓	✓	✓	✓	✓	✓	✓
MAPPING SCORE	3	2	3	2	3	3	1
CO6 - to be able to convey effectively in words the thinking behind one's own designs being carried out in an architectural design studio. REVISED BLOOM'S TAXONOMY - LVL 4, 5	✓	✓	✓	✓	✓	✓	✓
MAPPING SCORE	3	2	3	2	3	3	1
CO7 - to be able to use referencing and citation as an essential tool of writing, and to clearly understand issues and consequences of plagiarism. REVISED BLOOM'S TAXONOMY - LVL 4, 5	✓	✓	✓	✓	✓	✓	✓
MAPPING SCORE	3	3	3	2	3	3	1
<b>PO AVERAGE SCORE</b>	<b>3.00</b>	<b>2.00</b>	<b>2.71</b>	<b>2.00</b>	<b>3.00</b>	<b>2.71</b>	<b>1.00</b>
<b>ARCHITECTURAL THEORY - SEMESTER 5</b>							
CO1 - to understand the fundamentals of architectural theory and its evolution over time.	✓	✓	✓	✓	✓	✓	✓
MAPPING SCORE	3	3	3	3	3	3	3

P.O. NO.	PO1	PO2	PO3	PO4	PO5	PO6	PO7
<b>B.ARCH. PROGRAMME OUTCOMES</b>	to have acquired a comprehensive understanding of Architecture and allied fields as a system of life-long learning and inquiry and to be able to contribute to its evolution through a critical understanding of existing systems leading to innovative design solutions	to have grasped technical, practical and procedural knowledge like structural systems, building services, building regulations and bylaws, material specifications and use, and time and finance management; thereby developing an attitude for entrepreneurship and enterprise creation	to be able to critically analyze problems and effectively recognise and respond to complex real-life systems of social and cultural diversity; through a process of observation, inquiry and exploration; to arrive at contextual, engaging and empathetic design solutions	to effectively practice, operate and reskill oneself with respect to modern ICT and mechanical tools and methods prevalent in the profession	to make an effective and competent team player and leader with humanistic and moral values as well as good written and oral communication skills and to be able to implement a culture of discipline and high standards in all spheres of work	to be able to apply and enforce constitutional, humanistic, ethical value systems, practice responsible global citizenship and shoulder responsibility of the decisions taken to cultivate humane and sustainable practices in the profession	to have acquired adequate knowledge, values and sensitivity in the area of environmental degradation due to the built environment to be able to assess and examine existing systems in the profession with respect to effective water, waste and energy management, and conservation of biodiversity and suggest and implement viable solutions towards long term sustainability
CO1	theoretical architectural research, its objectives and its essential methodologies REVISED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	2	2	3	2	1
CO2	- to be able to comprehend research approaches and philosophies for conducting architectural research. REVISED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	1	2	2	3	1
CO3	- to be able to identify and use correct methods for data collection and analysis for the chosen research approach REVISED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	2	3	2	3	1
CO4	- to critically analyse data in order to synthesise it for the inferences REVISED BLOOM'S TAXONOMY - LVL 4, 5, 6						
	MAPPING SCORE	3	2	3	2	3	1
CO5	- to produce a small scale research work based on methodological approach and critical analysis REVISED BLOOM'S TAXONOMY - LVL 4, 5						
	MAPPING SCORE	3	2	3	2	3	1
	<b>PO AVERAGE SCORE</b>	<b>3.00</b>	<b>1.80</b>	<b>2.60</b>	<b>2.00</b>	<b>3.00</b>	<b>1.00</b>
<b>ARCHITECTURAL THEORY - SEMESTER 10</b>							
CO1	- to understand theory as an academic discipline REVISED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	2	2	2	3	1
CO2	- to be able to comprehend research approaches and philosophies for conducting architectural research.- to understand the effects of contemporary thought in society and culture today, and its impact on architectural design REVISED BLOOM'S TAXONOMY - LVL 2, 5						
	MAPPING SCORE	3	2	2	2	3	1
CO3	- to understand postmodernism and post-structuralist advancements in architectural theory REVISED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	2	3	2	3	1
CO4	- to critically analyse data in order to synthesise it for the inferences- to engage in an interdisciplinary learning experience where ideas from outside architecture discipline will be discussed to establish its relation to architectural space such as philosophy, sociology, linguistics, psychology, feminism, post-colonial studies, information technology, art, cultural, and urban studies. REVISED BLOOM'S TAXONOMY - LVL 4, 5, 6						
	MAPPING SCORE	3	2	3	2	3	1
	<b>PO AVERAGE SCORE</b>	<b>3.00</b>	<b>2.00</b>	<b>2.50</b>	<b>2.00</b>	<b>3.00</b>	<b>1.00</b>
<b>PROFESSIONAL PRACTISE - SEMESTER 7</b>							
CO1	- to understand theory as an academic discipline REVISED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	3	0	2	1
CO2	- to understand the office structure for an Architect, in terms of scale of practice, partnership, registration and dissolution REVISED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	3	0	2	1
CO3	- to have an in depth understanding of the working of tenders and contracts REVISED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	3	1	2	1
	<b>PO AVERAGE SCORE</b>	<b>3.00</b>	<b>3.00</b>	<b>3.00</b>	<b>1.00</b>	<b>2.00</b>	<b>1.00</b>
<b>PROFESSIONAL PRACTISE - SEMESTERS 9 &amp; 10</b>							
CO1	- to understand general principles of land acquisition REVISED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	3	0	2	1
CO2	- to understand valuation and elements of valuation REVISED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	2	0	1	1
CO3	- to get an understanding of property, ownership and possession REVISED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	2	0	1	1
CO4	- to understand rent and the Rent Control Act REVISED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	2	0	1	1
CO5	- to get an understanding of valuation, diapidation Fire Insurance and easement REVISED BLOOM'S TAXONOMY - LVL 2						
	MAPPING SCORE	3	3	2	0	1	1
	<b>PO AVERAGE SCORE</b>	<b>3.00</b>	<b>3.00</b>	<b>2.20</b>	<b>0.00</b>	<b>1.20</b>	<b>1.00</b>
<b>THEORY AND DESIGN OF STRUCTURES - SEMESTERS 1 &amp; 2</b>							
CO1	- to understand general principles of land acquisition REVISED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	2	3	2	0	1	1
CO2	- to understand valuation and elements of valuation REVISED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	2	3	2	0	1	1
CO3	- to get an understanding of property, ownership and possession REVISED BLOOM'S TAXONOMY - LVL 2, 4						
	MAPPING SCORE	2	3	2	0	1	1



P.O. NO.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	
<b>B.ARCH. PROGRAMME OUTCOMES</b>	to have acquired a comprehensive understanding of Architecture and allied fields as a system of life-long learning and inquiry and to be able to contribute to its evolution through a critical understanding of existing systems leading to innovative design solutions	to have grasped technical, practical and procedural knowledge like structural systems, building services, building regulations and bylaws, material specifications and use, and time and finance management; thereby developing an attitude for entrepreneurship and enterprise creation	to be able to critically analyze problems and effectively recognise and respond to complex real-life systems of social and cultural diversity; through a process of observation, inquiry and exploration; to arrive at contextual, engaging and empathetic design solutions	to effectively practice, operate and reskill oneself with respect to modern ICT and mechanical tools and methods prevalent in the profession	to make an effective and competent team player and leader with humanistic and moral values as well as good written and oral communication skills and to be able to implement a culture of discipline and high standards in all spheres of work	to be able to apply and enforce constitutional, humanistic, ethical value systems, practice responsible global citizenship and shoulder responsibility of the decisions taken to cultivate humane and sustainable practices in the profession	to have acquired adequate knowledge, values and sensitivity in the area of environmental degradation due to the built environment to be able to assess and examine existing systems in the profession with respect to effective water, waste and energy management, and conservation of biodiversity and suggest and implement viable solutions towards long term sustainability	
CO4	- to understand rent and the Rent Control Act REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
CO5	- to get an understanding of valuation, dilapidation Fire Insurance and easement REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
CO6	- to get an understanding of valuation, dilapidation Fire Insurance and easement REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
<b>PO AVERAGE SCORE</b>		<b>2.00</b>	<b>3.00</b>	<b>2.00</b>	<b>0.00</b>	<b>1.00</b>	<b>2.00</b>	<b>1.00</b>
<b>THEORY AND DESIGN OF STRUCTURES - SEMESTERS 3 &amp; 4</b>								
CO1	- to understand the theory of simple bending and deflection with an introduction to Macaulay's method REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
CO2	- to study and understand Direct and Bending stress REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
CO3	- to understand material testing and grades of RCC REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
CO4	- to understand lng and short columns structurally REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
CO5	- to study and understand fixed beams and the moment distribution method REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
CO6	- to gain a basic understanding of Steel sections and use of the steel tables REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
CO7	- to understand planning of low-rise, low-span steel structures REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
<b>PO AVERAGE SCORE</b>		<b>2.00</b>	<b>3.00</b>	<b>2.00</b>	<b>0.00</b>	<b>1.00</b>	<b>2.00</b>	<b>1.00</b>
<b>THEORY AND DESIGN OF STRUCTURES - SEMESTERS 5 &amp; 6</b>								
CO1	- to understand the fundamentals of structural steel design REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
CO2	- to study and understand Direct and Bending stress- to understand the design of primary elements in the form of readily available steel sections, through the steel tables REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
CO3	- to understand design of tension and compression members in trusses and compression members in columns, design of beams, design of foundations, slab base, grillage etc REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
CO4	- to understand concrete technology as relevant to architecture, it's grades and where it gets used REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
CO5	- to be able to calculate for and understand the basic theory of flexure for singly and doubly reinforced sections, one way and two way slab systems, doglegged staircase, rectangular beams and circular columns, footings and other precast elements REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
CO6	- to understand the RCC theory of grid floors - rectangular and diagrid REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
CO7	- to understand the RCC theory of flat slab REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
<b>PO AVERAGE SCORE</b>		<b>2.00</b>	<b>3.00</b>	<b>2.00</b>	<b>0.00</b>	<b>1.00</b>	<b>2.00</b>	<b>1.00</b>
<b>THEORY AND DESIGN OF STRUCTURES - SEMESTER 7</b>								
CO1	- to understand the structural design of a deep foundation REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
CO2	- to study and calculate for combined footings REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
CO3	- to study and calculate for pile footings REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
CO4	- to study the gist of retaining walls, earthquake resistant design and theory and principles for design of tall buildings REVISIED BLOOM'S TAXONOMY - LVL 2, 4 MAPPING SCORE							
	2	3	2	0	1	2	1	
<b>PO AVERAGE SCORE</b>		<b>2.00</b>	<b>3.00</b>	<b>2.00</b>	<b>0.00</b>	<b>1.00</b>	<b>2.00</b>	<b>1.00</b>
<b>THEORY AND DESIGN OF STRUCTURES - SEMESTER 9</b>								
	- to understand design of long span							

