

C.O. NO.	FIRST YEAR B.ARCH
ARCHITECTURAL DESIGN - SEMESTERS 1 (BARC 101) & 2 (BARC 201)	
CO1	- to understand the human body and its relationship with space and the activities conducted within
REVISED BLOOM'S TAXONOMY - LVL 2	
CO2	- to understand scale and proportion of the human body within these spaces and to objects around them
REVISED BLOOM'S TAXONOMY - LVL 2	
CO3	- to develop an architectural vocabulary and begin to understand language of visualization
REVISED BLOOM'S TAXONOMY - LVL 3	
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
REVISED BLOOM'S TAXONOMY - LVL 4	
CO5	- to ensure adequate exposure to architects, their process of ideation and their works
REVISED BLOOM'S TAXONOMY - LVL 2	
CO6	- to be able to translate analysis into effective design for small groups and minor activities
REVISED BLOOM'S TAXONOMY - LVL 5 & 6	
ALLIED DESIGN - SEMESTERS 1 (BARC 102) & 2 (BARC 202)	
- BASIC DESIGN	
CO1	- to be able to comprehend elements of visual design that include line, shape, space, volume, colour, texture
REVISED BLOOM'S TAXONOMY - LVL 2	
CO2	- to be able to effectively understand and apply principles of visual design which include harmony, rhythm, balance, proportion, repetition and contrast
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
CO3	- to be able to synthesise learnings into visual form driven by personal aesthetic style and vision
REVISED BLOOM'S TAXONOMY - LVL 5, 6	

C.O. NO.	FIRST YEAR B.ARCH
ARCHITECTURAL DESIGN - SEMESTERS 1 (BARC 101) & 2 (BARC 201)	
ARCHITECTURAL BUILDING CONSTRUCTION AND MATERIALS - SEMESTERS 1 & 2	
CO1	<p>- to understand elements of building construction with respect to substructure and superstructure</p> <p>REVISED BLOOM'S TAXONOMY - LVL 2</p>
CO2	<p>- to understand the construction of built forms from foundation to roof in various building practices</p> <p>REVISED BLOOM'S TAXONOMY - LVL 2</p>
CO3	<p>- to gain in depth knowledge and understanding of different building materials used for construction</p> <p>REVISED BLOOM'S TAXONOMY - LVL 2, 4</p>
CO4	<p>- to understand the contextual relevance of natural and man made materials and their applicability in various construction practices.</p> <p>REVISED BLOOM'S TAXONOMY - LVL 2, 4</p>
ARCHITECTURAL REPRESENTATION AND DETAILING - GRAPHICAL DRAWING - SEMESTERS 1 & 2	
CO1	<p>- to be able to effectively use the various kinds of drafting instruments</p> <p>REVISED BLOOM'S TAXONOMY - LVL 2, 4</p>
CO2	<p>- to understand plane and solid geometry through orthography, plans, sections and elevations</p> <p>REVISED BLOOM'S TAXONOMY - LVL 2, 4</p>
CO3	<p>- to understanding 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.</p> <p>REVISED BLOOM'S TAXONOMY - LVL 2, 4</p>
CO4	<p>- to have understood how to draw views in isometric, axonometric along with sciography for the built form</p> <p>REVISED BLOOM'S TAXONOMY - LVL 2, 4</p>
CO5	<p>- to have learnt landscape outdoor sketching, anatomy, ergonomics via visual practical exercises, model making and architectural design exercises</p> <p>REVISED BLOOM'S TAXONOMY - LVL 2, 4</p>
CO6	<p>- to get an idea of scale and the various materials available for model making</p> <p>REVISED BLOOM'S TAXONOMY - LVL 2, 4</p>
CO7	<p>- 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</p>

C.O. NO.	FIRST YEAR B.ARCH
ARCHITECTURAL DESIGN - SEMESTERS 1 (BARC 101) & 2 (BARC 201)	
HUMANITIES - SEMESTERS 1 & 2	
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
CO2	- to understand the history of art, culture and aesthetics, society, aesthetics and architecture
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
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
THEORY AND DESIGN OF STRUCTURES - SEMESTERS 1 & 2	
CO1	- to understand general principles of land acquisition
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO2	- to understand valuation and elements of valuation
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO3	- to get an understanding of property, ownership and possession
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO4	- to understand rent and the Rent Control Act
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO5	- to get an understanding of valuation, dilapidation Fire Insurance and easement
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO6	- to get an understanding of valuation, dilapidation Fire Insurance and easement
	REVISED BLOOM'S TAXONOMY - LVL 2, 4

C.O. NO.	FIRST YEAR B.ARCH
ENVIRONMENTAL STUDIES - SEMESTER 1, 2, 3	
CO1	- to study and understand the relationship between natural systems and the built environment
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO2	- to understand natural resources and ecosystem services
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO3	- to understand the effects of urban development on natural resources
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO4	- to study and understand macro and microclimate with respect to human comfort and understand traditional ways of achieving comfort
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO5	- to study natural lighting and airflow patterns in buildings and to study patterns of sciography
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
ELECTIVES PART A - 1, 2, 3, 4, 5, 6	
CO1	- to be able to grasp and understand various methods of representation of design
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO2	- to learn various software like AutoCAD, Sketchup, Revit, Rhino, Autodesk Flo and QGIS over a period of 6 semesters and be able to effectively use them to represent oneself in design
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO3	- to get a brief understanding of the psychology behind design through narratives and documentaries, giving oneself the tools to delve deeper into the analysis of design
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
COLLEGE PROJECTS - 1, 2, 3, 4, 5, 6, 7, 9, 10	
CO1	- to gain an understanding of the industry through the sessions offered like Insights, Insights Masterclass, Study Tour, subject specific Workshops and Seminars conducted through the year
	REVISED BLOOM'S TAXONOMY - LVL 4, 5, 6

C.O. NO.	SECOND YEAR B.ARCH
ARCHITECTURAL DESIGN - SEMESTERS 3 (BARC 301) & 4 (BARC 401)	
CO1	<p>- to go beyond personal space analysis and understand the spatial requirements for small activities conducted by small groups of people</p> <p>REVISED BLOOM'S TAXONOMY - LVL 4</p>
CO2	<p>- to comprehend the indoor and outdoor space created by a building envelope and observe and analyse the behavioural patterns of people within those spaces</p> <p>REVISED BLOOM'S TAXONOMY - LVL 4</p>
CO3	<p>- percolation of construction and material understanding into design through prescribed detailing of the built form and necessary infrastructure</p> <p>REVISED BLOOM'S TAXONOMY - LVL 3</p>
CO4	<p>- 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</p> <p>REVISED BLOOM'S TAXONOMY - LVL 4,5,6</p>
ALLIED DESIGN - SEMESTERS 3 (BARC 302) & 4 (BARC 402) - INTERIOR DESIGN	
CO1	<p>- to acquire sensitivity to user requirements based on social and cultural factors</p> <p>REVISED BLOOM'S TAXONOMY - LVL 1, 2</p>
CO2	<p>- to be able to define spatial attributes within a built envelope through an understanding of the dynamic relationship between space and human behaviour</p> <p>REVISED BLOOM'S TAXONOMY - LVL 4, 5</p>
CO3	<p>- 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</p> <p>REVISED BLOOM'S TAXONOMY - LVL 5, 6</p>
CO4	<p>- to be able to define functional aspects of interior material and specify furniture, fabric and equipment</p> <p>REVISED BLOOM'S TAXONOMY - LVL 1, 4</p>
CO5	<p>- to be able to plan, draw and represent designed space based on standards and minimum dimensions</p> <p>REVISED BLOOM'S TAXONOMY - LVL 4</p>

C.O. NO.	SECOND YEAR B.ARCH
ARCHITECTURAL BUILDING CONSTRUCTION AND MATERIALS - SEMESTERS 3 & 4	
CO1	- to understand structural framing, various construction systems like foundation systems, Wall systems, circulation systems and roofing systems.
REVISED BLOOM'S TAXONOMY - LVL 2	
CO2	- to understand the various concepts of framed RCC structure, components of RCC and various methods of construction of RCC structures.
REVISED BLOOM'S TAXONOMY - LVL 2	
CO3	- to get in depth understanding of structural systems of foundation, floor, wall, cladding and roofing in Steel framed structures.
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
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	
ARCHITECTURAL BUILDING SERVICES - SEMESTERS 3 & 4	
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	
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	
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	
CO4	- to understand other surface water drainage, roof drainage, site drainage and rainwater harvesting.
REVISED BLOOM'S TAXONOMY - LVL 2	

C.O. NO.	SECOND YEAR B.ARCH
	ARCHITECTURAL REPRESENTATION AND DETAILING - SEMESTER 3 - GRAPHICAL DRAWING - SEMESTER 4 - SURVEYING AND LEVELLING
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
CO2	- to have learnt landscape outdoor sketching, anatomy, ergonomics via visual practical exercises REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO3	- to study a brief history of land surveys executed by the government REVISED BLOOM'S TAXONOMY - LVL 2
CO4	- to be able to read survey maps, understanding features and undulation of ground REVISED BLOOM'S TAXONOMY - LVL 2, 4
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
HUMANITIES - SEMESTERS 3 & 4	
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
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
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
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
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
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

C.O. NO.	SECOND YEAR B.ARCH
ARCHITECTURAL THEORY - SEMESTERS 3 & 4	
CO1	- to understand what fundamental theories in architecture are
	REVISED BLOOM'S TAXONOMY - LVL 2
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
CO3	- to be able to understand a chronological progression of ideas and concepts in architecture
	REVISED BLOOM'S TAXONOMY - LVL 2
CO4	- to be able to write with clarity about architecture and ideas in architecture
	REVISED BLOOM'S TAXONOMY - LVL 4, 5, 6
CO5	- to be able to correctly use architectural terms to communicate architectural ideas.
	REVISED BLOOM'S TAXONOMY - LVL 4, 5
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
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
THEORY AND DESIGN OF STRUCTURES - SEMESTERS 3 & 4	
CO1	- to understand the theory of simple bending and deflection with an introduction to Macaulay's method
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO2	- to study and understand Direct and Bending stress
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO3	- to understand material testing and grades of RCC
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO4	- to understanding and short columns structurally
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO5	- to study and understand fixed beams and the moment distribution method
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO6	- to gain a basic understanding of Steel sections and use of the steel tables
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO7	- to understand planning of low-rise, low-span steel structures
	REVISED BLOOM'S TAXONOMY - LVL 2, 4

C.O. NO.	SECOND YEAR B.ARCH
ENVIRONMENTAL STUDIES - SEMESTER 1, 2, 3	
CO1	- to study and understand the relationship between natural systems and the built environment
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO2	- to understand natural resources and ecosystem services
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO3	- to understand the effects of urban development on natural resources
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO4	- to study and understand macro and microclimate with respect to human comfort and understand traditional ways of achieving comfort
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO5	- to study natural lighting and airflow patterns in buildings and to study patterns of sciography
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
ELECTIVES PART A - 1, 2, 3, 4, 5, 6	
CO1	- to be able to grasp and understand various methods of representation of design
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO2	- to learn various software like AutoCAD, Sketchup, Revit, Rhino, Autodesk Flo and QGIS over a period of 6 semesters and be able to effectively use them to represent oneself in design
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO3	- to get a brief understanding of the psychology behind design through narratives and documentaries, giving oneself the tools to delve deeper into the analysis of design
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
COLLEGE PROJECTS - 1, 2, 3, 4, 5, 6, 7, 9, 10	
CO1	- to gain an understanding of the industry through the sessions offered like Insights, Insights Masterclass, Study Tour, subject specific Workshops and Seminars conducted through the year
	REVISED BLOOM'S TAXONOMY - LVL 4, 5, 6

C.O. NO.	THIRD YEAR B.ARCH
ARCHITECTURAL DESIGN - SEMESTERS 5 (BARC 501) & 6 (BARC 601)	
CO1	- to recognise the potential of land in urban settings and understand the need for optimisation of space
REVISED BLOOM'S TAXONOMY - LVL 3	
CO2	- to be able to discern building form with respect to function, climate, building bylaws and regulations
REVISED BLOOM'S TAXONOMY - LVL 3	
CO3	- to comprehend urban institutions and other primarily urban activities in terms of building character and possible response to context
REVISED BLOOM'S TAXONOMY - LVL 3	
CO4	- to be able to integrate infrastructure and building system details into the design solution effectively
REVISED BLOOM'S TAXONOMY - LVL 3	
ALLIED DESIGN - SEMESTERS 5 (BARC 502) & 6 (BARC 602) - LANDSCAPE DESIGN	
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.
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
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.
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
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.
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
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.
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
CO5	- to respond to the socio- cultural context, sustainability and efficiency of the site under consideration through effective design solutions arrived at through an application and evaluation of the theories taught
REVISED BLOOM'S TAXONOMY - LVL 4, 5, 6	

C.O. NO.	THIRD YEAR B.ARCH
ARCHITECTURAL BUILDING CONSTRUCTION AND MATERIALS - SEMESTERS 5 & 6	
CO1	- to understand design of facade systems - various types, specifics of use, material choices and structural implications
REVISED BLOOM'S TAXONOMY - LVL 2	
CO2	- to gain in depth knowledge and understanding of pre-cast construction methods
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
CO3	- to understand in detail the construction techniques, details and uses of advanced slabs
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
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	
ARCHITECTURAL BUILDING SERVICES - SEMESTERS 5 & 6	
CO1	- to understand the basic concept of electricity, supply and distribution to buildings and within the buildings.
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
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	
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	
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	

C.O. NO.	THIRD YEAR B.ARCH
	ARCHITECTURAL REPRESENTATION AND DETAILING - SEMESTER 5 - ESTIMATING AND COSTING - SEMESTER 6 - WORKING DRAWING
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
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
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
CO4	- to understand the importance and correct methods of making working drawings for execution of framed structures.
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
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
HUMANITIES - SEMESTERS 5 & 6	
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
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
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
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
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
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

C.O. NO.	THIRD YEAR B.ARCH
THEORY AND DESIGN OF STRUCTURES - SEMESTERS 5 & 6	
CO1	- to understand the fundamentals of structural steel design
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
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
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
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
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
CO4	- to understand concrete technology as relevant to architecture, it's grades and where it gets used
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
CO5	reinforced sections, one way and two way slab systems, doglegged staircase, rectangular
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
CO6	- to understand the RCC theory of grid floors - rectangular and diagrid
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
CO7	- to understand the RCC theory of flat slab
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
ELECTIVES PART A - 1, 2, 3, 4, 5, 6	
CO1	- to be able to grasp and understand various methods of representation of design
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
CO2	- to learn various software like AutoCAD, Sketchup, Revit, Rhino, Autodesk Flo and QGIS over a period of 6 semesters and be able to effectively use them to represent oneself in design
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
CO3	- to get a brief understanding of the psychology behind design through narratives and documentaries, giving oneself the tools to delve deeper into the analysis of design
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
COLLEGE PROJECTS - 1, 2, 3, 4, 5, 6, 7, 9, 10	
CO1	- to gain an understanding of the industry through the sessions offered like Insights, Insights Masterclass, Study Tour, subject specific Workshops and Seminars conducted through the year
REVISED BLOOM'S TAXONOMY - LVL 4, 5, 6	

C.O. NO.	FOURTH YEAR B.ARCH
ARCHITECTURAL DESIGN - SEMESTER 7 (BARC 701)	
CO1	- to study and understand and analyse housing in urban agglomerations
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO2	- to be able to analyse and apply qualitative and quantitative aspects of mass housing
	REVISED BLOOM'S TAXONOMY - LVL 3, 4
CO3	- to be able to comprehend and design for user aspirations and user affordability
	REVISED BLOOM'S TAXONOMY - LVL 5, 6
ALLIED DESIGN - SEMESTERS 7 (BARC 702) - URBAN PLANNING	
CO1	- to understand the basic need, role, and instruments of urban planning for sustainable urban development.
	REVISED BLOOM'S TAXONOMY - LVL 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
	REVISED BLOOM'S TAXONOMY - LVL 2, 5
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
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO4	- to formulate and argue for a comprehensive urban vision, drawing on commonly shared values and norms, evident urban development and appropriate planning principles.
	REVISED BLOOM'S TAXONOMY - LVL 5, 6
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.
	REVISED BLOOM'S TAXONOMY - LVL 5, 6
ARCHITECTURAL BUILDING CONSTRUCTION AND MATERIALS - SEMESTER 7	
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
CO2	- to gain in depth knowledge and understanding of various methods of pile foundations and footings.
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
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
CO4	- to understand theory and principles of structural design of high rise buildings.
	REVISED BLOOM'S TAXONOMY - LVL 2, 4

C.O. NO.	FOURTH YEAR B.ARCH
ARCHITECTURAL BUILDING SERVICES - SEMESTERS 7	
CO1	- to understand the concept of heating of spaces, thermal conductivity and insulation.
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
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
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
ARCHITECTURAL REPRESENTATION AND DETAILING - SEMESTER 7 - MUNICIPAL DRAWING	
CO1	- to understand building bye-laws and regulations, their need and relevance, approval drawings.
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO2	- to study national building code, implications of DCR, calculations of built up area and FSI.
	REVISED BLOOM'S TAXONOMY - LVL 2, 4, 5
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
PROFESSIONAL PRACTISE - SEMESTER 7	
CO1	- to understand theory as an academic discipline
	REVISED BLOOM'S TAXONOMY - LVL 2
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
CO3	- to have an in depth understanding of the working of tenders and contracts
	REVISED BLOOM'S TAXONOMY - LVL 2
THEORY AND DESIGN OF STRUCTURES - SEMESTER 7	
CO1	- to understand the structural design of a deep foundation
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO2	- to study and calculate for combined footings

C.O. NO.	FOURTH YEAR B.ARCH
	ELECTIVES PART B - 7, 8, 9, 10.
CO1	- to gain an understanding of the industry through the electives offered
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO2	- to be able to discuss and understand aspects dealing with the technical and practical side of design through the electives offered
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO3	- to be able to conduct relevant research in the form of self-study on topics that correlate with the topic for dissertation
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO4	- to gain a practical understanding of the profession
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
COLLEGE PROJECTS - 1, 2, 3, 4, 5, 6, 7, 9, 10	
CO1	- to gain an understanding of the industry through the sessions offered like Insights, Insights Masterclass, Study Tour, subject specific Workshops and Seminars conducted through the year
	REVISED BLOOM'S TAXONOMY - LVL 4, 5, 6

C.O. NO.	FIFTH YEAR B.ARCH
ARCHITECTURAL DESIGN - SEMESTER 9 (BARC 901)	
CO1	- to be able to conduct a detailed analysis of a larger context in an urban setting
REVISED BLOOM'S TAXONOMY - LVL 4	
CO2	- to discern through analysis of context, socio-economic, cultural and political inferences that aide understanding user requirements
REVISED BLOOM'S TAXONOMY - LVL 5	
CO3	- to be able to integrate transportation planning and accessibility into design ideation along with other infrastructure and services
REVISED BLOOM'S TAXONOMY - LVL 6	
ALLIED DESIGN - SEMESTERS 9 (BARC 902) - URBAN DESIGN	
CO1	- to understand the urban context and comprehend scales of urban design and intervention
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
CO2	- to study and critically analyse the issues faced by cities
REVISED BLOOM'S TAXONOMY - LVL 4	
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
REVISED BLOOM'S TAXONOMY - LVL 5, 6	
CO4	- to be equipped with ancillary knowledge allowing for the adoption of a more holistic approach in providing for an urban area
REVISED BLOOM'S TAXONOMY - LVL 4	
CO5	- to approach the design of an urban space with an integrated approach
REVISED BLOOM'S TAXONOMY - LVL 5, 6	
ARCHITECTURAL BUILDING CONSTRUCTION AND MATERIALS - SEMESTERS 9 & 10	
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	
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	
CO3	- to be 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	

C.O. NO.	FIFTH YEAR B.ARCH
ARCHITECTURAL BUILDING SERVICES - SEMESTERS 9	
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	
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	
ARCHITECTURAL REPRESENTATION AND DETAILING - SEMESTER 10 - DETAILED WRT DESIGN DISSERTATION	
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	
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	
PROFESSIONAL PRACTISE - SEMESTERS 9 & 10	
CO1	- to understand general principles of land acquisition
REVISED BLOOM'S TAXONOMY - LVL 2	
CO2	- to understand valuation and elements of valuation
REVISED BLOOM'S TAXONOMY - LVL 2	
CO3	- to get an understanding of property, ownership and possession
REVISED BLOOM'S TAXONOMY - LVL 2	
CO4	- to understand rent and the Rent Control Act
REVISED BLOOM'S TAXONOMY - LVL 2	
CO5	- to get an understanding of valuation, dilapidation Fire Insurance and easement
REVISED BLOOM'S TAXONOMY - LVL 2	
THEORY AND DESIGN OF STRUCTURES - SEMESTER 9	
CO1	- to understand design of long span structures, cable support structures, folded plate structures, shell structures, portal frames, prestressing
REVISED BLOOM'S TAXONOMY - LVL 2, 4	
CO2	- to be able to effectively use this understanding as part of their final design for dissertation
REVISED BLOOM'S TAXONOMY - LVL 2, 4	

C.O. NO.	FIFTH YEAR B.ARCH
ENVIRONMENTAL STUDIES - SEMESTER 9,10	
CO1	- to understand, apply and evaluate one's own design for sustainability based on learned socio-economic and environmental aspects of sustainability
	REVISED BLOOM'S TAXONOMY - LVL 2, 4, 5
CO2	- to study chapter 11 of the NBC
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO3	- to understand sustainability through water, material and energy efficiency
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO4	- to understand Post Occupancy Evaluation
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
ELECTIVES PART B - 7, 8, 9, 10.	
CO1	- to gain an understanding of the industry through the electives offered
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO2	- to be able to discuss and understand aspects dealing with the technical and practical side of design through the electives offered
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO3	- to be able to conduct relevant research in the form of self-study on topics that correlate with the topic for dissertation
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
CO4	- to gain a practical understanding of the profession
	REVISED BLOOM'S TAXONOMY - LVL 2, 4
COLLEGE PROJECTS - 1, 2, 3, 4, 5, 6, 7, 9, 10	
CO1	- to gain an understanding of the industry through the sessions offered like Insights, Insights Masterclass, Study Tour, subject specific Workshops and Seminars conducted through the year
	REVISED BLOOM'S TAXONOMY - LVL 4, 5, 6

C.O. NO.	FIFTH YEAR B.ARCH
DESIGN DISSERTATION - SEMESTERS 9 (BARC 911) & 10 (BARC 1011)	
CO1	- to be able to effectively choose a relevant topic for architectural research and able to provoke an architectural intervention
REVISED BLOOM'S TAXONOMY - LVL 5	
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
REVISED BLOOM'S TAXONOMY - LVL 4, 5	
CO3	- to be able to develop a detailed and future relevant design brief for the prospective architectural intervention
REVISED BLOOM'S TAXONOMY - LVL 5	
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
REVISED BLOOM'S TAXONOMY - LVL 4, 6	
ARCHITECTURAL THEORY - SEMESTER 10	
CO1	- to understand theory as an academic discipline
REVISED BLOOM'S TAXONOMY - LVL 2	
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	
CO3	- to understand postmodernism and post-structuralist advancements in architectural theory
REVISED BLOOM'S TAXONOMY - LVL 2	
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	