



Sinhgad Institutes

Sinhgad Technical Education Society's  
**Smt. Kashibai Navale College of Architecture**  
**Bachelor of Architecture**

S.No. 10/ Part, Ambegaon (Bk), Pune 411041  
Tel no. 020-24100000 Ext - 876 Email – skncoa@sinhgad.edu

**TWO YEAR POST GRADUATE DEGREE COURSE IN ARCHITECTURE**  
**M.ARCH. (LANDSCAPE ARCHITECTURE)**  
**2019 PATTERN**

**PROGRAM EDUCATIONAL OBJECTIVES [PEO]-**

1. **THEORITICAL BASE** - To develop a theoretical understanding of landscape architecture from micro-level to macro-level.
2. **KNOWLEDGE AND SKILLS** – To enhance the knowledge and skills of the students with reference to designing and planning of open spaces as part of natural and designed environment. The importance of local and traditional knowledge (citizens, decision-makers or experts) and its contribution to the design process is essential.
3. **VALUES** – To instil the students with the ability and desire to work on interdisciplinary teams, respecting universal values as well as context –specific values associated with various disciplines involved values of nature and community both.
4. **RESEARCH** –To give opportunity to students to be part of a culture of landscape research and scholarship, which involves scientific research, encouraging the students and faculty to think creatively and critically both, and to make them aware about the landscape architecture profession, its opportunities and challenges.
5. **PRACTICE AND ETHICS** – To make the students critically aware of the motivations behind clients' needs within the context of public policy and the environment in order to foster an ethical framework for decision making in the profession at design, planning and management level of landscapes.

**PROGRAM OUTCOMES [PO]-**

1. **DESIGN AND PLANNING ABILITIES** – Imparting the abilities with respect to design and planning of landscapes
2. **KNOWLEDGE BASE** – Knowledge of theory of landscape architecture, research and allied disciplines relevant to the field and its challenges , applicative understanding of the theoretical base
3. **PRACTICAL, TECHNICAL AND COMMUNICATION SKILLS-** Ability to work on real life contexts/projects (design, planning, and research) and contribute individually and also as team member to the same with practical, technical and communication skills. Ability to communicate and work in an interdisciplinary team.
4. **SENSITIZATION, RESPONSIBILITY, COMMITMENT (TOWARDS NATURAL AND CULTURAL ENVIRONMENT AND ASSOCIATED ETHICAL PRACTICES)-** Ability to be

sensitive, responsible and committed towards natural and cultural environment and associated ethical practices

5. **OUREACH, DIVERSITY AND EXPOSURE** – Ability to expand the scope of work of landscape design and planning and to respond to diverse situations in urban and rural contexts with an interdisciplinary perspective. Ability to imbibe, review, make decisions through self-initiated learning process, outreach and exposure with respect to local, national and international platforms which need services of a landscape architect. **Ability to choose Area of Specialisation or Practise**- Able to judge one's area of interest and accordingly choose the field of practice.



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**COURSE OUTCOME FOR B. ARCH 2019 PATTERN**

Course objectives as mentioned in syllabus of 2019 pattern are referred.

<b>FIRST YEAR M. ARCH – SEM 1</b>			
<b>Sr.No</b>	<b>Subject Name</b>	<b>Course Code</b>	<b>Course Outcome</b>
<b>1</b>	<b>LANDSCAPE DESIGN STUDIO-I</b>	<b>2019LA101</b>	The student should be able to perceive & comprehend various landscape spaces.
			The student should be able to study & analyze designed as well as natural environments to understand various constituents of the landscape design & the role they perform in design (visual / aesthetic, ecological, cultural, functional, sensorial etc.)
			The student should be able to understand the process of site & context study & how to arrive at rationale of siting , developing an approach for design , program formulation/landscape design brief.
			The student should be able to do designs using landscape elements.
<b>2</b>	<b>ELECTIVE – I</b>	<b>2019LA102</b>	The student at the end of the semester should have learnt / understood the broad concepts, practices / methods / ideas involved in the given subject.
<b>3</b>	<b>LANDSCAPE ENGINEERING</b>	<b>2019LA103</b>	The student at the end of the semester should have learnt How to comprehend various landforms & understand lay of the land of concerned area.
			The student at the end of the semester should have understood grading & design as closely related & dependent processes.

			The student should be able to understand fundamentals of grading & how technically well worked out details will have immense ability to play a role in aesthetic, perceptual, environmental considerations of any design.
4	<b>GEOLOGY AND SOILS</b>	<b>2019LA104</b>	The student should be able to understand the significance of studying various phenomenon & processes with respect to geology and soils and how they create particular kind of a landscape as a result of the same
			The student should be able to understand the applicative understanding of the interconnectedness of various earth sciences & develop an eye of observation & Analysis of various parameters to arrive at inference.
5	<b>GEOMORPHOLOGY AND HYDROLOGY</b>	<b>2019LA105</b>	The student should be able to understand the significance of studying various phenomenon & processes and how do they create particular kind of a landscape as a result of the same.
			The student should be able to understand the interconnectedness of various earth sciences & develop an eye of observation & Analysis of various parameters to arrive at inference.
6	<b>PLANT SYSTEMATICS AND TAXONOMY</b>	<b>2019LA106</b>	The student should be able to understand the relationship between habit of a plant, its form & habitat.
			The student should be able to understand the various attributes of plant materials & its value & significance in natural & designed environments so as to decide their applications in landscape architecture.
<b>FIRST YEAR M.ARCH – SEM 2</b>			
<b>Sr.No</b>	<b>Subject Name</b>	<b>Course Code</b>	<b>Course Outcome</b>
<b>1</b>	<b>LANDSCAPE DESIGN</b>	<b>2019LA201</b>	The student should be able to

	<b>STUDIO-II</b>		understand how to resolve complex landscape issues in urban and rural fabric with landscape design and planning
			The student should be able to derive an open space structure for the site/zone with suitable landuses /activities in response to the context
<b>2</b>	<b>ELECTIVE-II</b>	<b>2019LA202</b>	Students at the end of the semester should have learnt / understood the broad concepts, practices / methods / ideas involved in the given subject.
<b>3</b>	<b>ECOLOGY AND ECOSYSTEM ANALYSIS</b>	<b>2019LA203</b>	Students at the end of the semester should have learnt / understood: The relevance of studying above mentioned topics & how these concepts & principles can be integrated while landscape planning & designing / dealing with any project in future.
<b>4</b>	<b>THEORY OF LANDSCAPE ARCHITECTURE-I</b>	<b>2019LA204</b>	Students at the end of the semester should have acquired critical thinking ability & ability to theorize a particular study highlighting the significant course contents.
<b>5</b>	<b>RESEARCH-I</b>	<b>2019LA205</b>	Students at the end of the semester should have acquired critical thinking ability & ability to theorize a particular study highlighting the significant course contents.
<b>6</b>	<b>PLANTS AND DESIGN</b>	<b>2019LA206</b>	Students at the end of the semester should have learnt / understood: <ol style="list-style-type: none"> <li>1. The role of plants in natural &amp; designed environments</li> <li>2. How to recognize, appreciate &amp; use plant material as one of the important landscape design elements in addressing ecological , functional, cultural and visual aspects of environment</li> <li>3. How to design landscapes with plants</li> <li>4. How to graphically represent planting design</li> </ol>

<b>SECOND YEAR M. ARCH – SEM 3</b>			
<b>Sr.No</b>	<b>Subject Name</b>	<b>Course Code</b>	<b>Course Outcome</b>
<b>1</b>	<b>LANDSCAPE DESIGN STUDIO–III</b>	<b>2019LA301</b>	Students at the end of the semester should have learnt / understood: 1. To resolve landscape issues in relation to the larger scale landscape 2. To be able to derive an appropriate landscape planning approach To be able to demonstrate the landscape planning strategies in textual and graphic form
<b>2</b>	<b>RESEARCH-II</b>	<b>2019LA302</b>	The student should be able to write a Research paper in the format specified by the University.
<b>3</b>	<b>LANDSCAPE ARCHITECTURE- PROFESSIONAL PRACTICE &amp; TRAINING</b>	<b>2019LA303</b>	Students at the end of the semester should have acquired the basic skills and knowledge with respect to professional practice.
<b>4</b>	<b>THEORY OF LANDSCAPE ARCHITECTURE-II</b>	<b>2019LA304</b>	Students at the end of the semester should have acquired ability to think critically & to analyse landscape architecture in a particular context based on the learnings from the course contents.
<b>5</b>	<b>LANDSCAPE MANAGEMENT &amp; LEGISLATION</b>	<b>2019LA305</b>	Students at the end of the semester should have acquired ability to prepare landscape management framework based on the understanding of the legislative framework in the given context.
<b>6</b>	<b>LANDSCAPE PLANNING</b>	<b>2019LA306</b>	Students at the end of the semester should have acquired ability to theorize the subject and apply the same to other subjects and the landscape design studio project.
<b>SECOND YEAR M. ARCH – SEM 4</b>			
<b>Sr.No</b>	<b>Subject Name</b>	<b>Course Code</b>	<b>Course Outcome</b>
<b>1</b>	<b>LANDSCAPE ARCHITECTURE PROJECT</b>	<b>2019LA401</b>	Students at the end of the semester should have acquired an ability to independently conceptualize and develop a landscape architectural

			project with a policy and/ design level proposal for the same.
<b>2</b>	<b>ELECTIVE-III</b>	<b>2019LA402</b>	Students at the end of the semester should have learnt / understood the broad concepts, practices / methods / ideas involved in the given subject.