



SHRI VASANTRAO BANDUJI PATIL TRUST'S

APPASAHEB BIRNALE COLLEGE OF ARCHITECTURE, SANGLI

(Approved by AICTE, C.O.A New Delhi, Affiliated to Shivaji University Kolhapur)
South Shivajinagar, Sangli Miraj Road, Sangli-416146. Ph. No- (0233) 2320294, 2322336.
Website- www.abcasangli.edu.in

Criterion 2

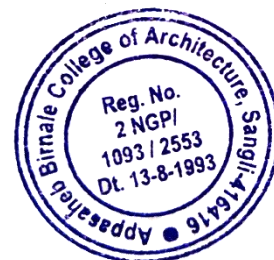
2.3 Teaching-Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning & Problem-solving methodologies are used for enhancing learning experiences using ICT tool

Synopsis of Teaching Methods

Architecture practice is used to meet both practical and expressive needs, and therefore it serves both utilitarian and aesthetic objectives, hence education emphasizes all three parts of experience learning, participatory learning, and problem solving. The process of education demonstrates essential understanding and application of architectural formal + spatial concepts as they relate to human experience.

All of the faculty are practicing architects who are passionate about academics and work hard to bridge the gap between professional practice and academics. They impart professional / practical knowledge of architecture by utilizing ICT for effective instruction utilizing E-learning tools such as Google classroom, online videos, and films about architecture via cinema club, e journals, power point presentations, e library, and so on.





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EXPERIENTIAL LEARNING:

- Experiential learning usually involves physical participation and practical training to investigate the architectural process and its repercussions, which develops knowledge, explains problems, and aids in actual implementation.
- Students learn interdependent subjects such as design, landscape architecture, services, building construction, surveying, and levelling through site visits, case studies, workshops, and measure drawings at various phases of work.
- The visit includes a physical visit, documentation in the form of photographs and sketches, and hands-on labour, such as scaffolding, brick & mortar preparation, and the construction of various arches in the case of the brick arch building workshop.
- The resultant is presented in the form of audio visual presentation, report writing, models and drafting of sheets to the faculty in head.
- Expert lectures are organized by inviting professional architects, subject expert from different allied fields.
- Movies based on different pioneers architects works are shown through the medium of Alumni Movie club.
- Workshops based on seeking experiences in Architecture design process like Journey Map , Story Board etc. as part of design studio,
- 9th semester Students undergo practical training for 90 days under various architects and designers.

PARTICIPATIVE LEARNING:

- This potential can be exploited by employing an instructional design strategy that motivates students and focuses on learning-by-doing.
- Architecture is becoming a multidisciplinary science focused on the real needs of society, need to work with multidisciplinary agencies in collaborative environment.





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- The teaching process attempts to reflect this. To achieve this the students are divided into teams of 5-10 students and given practical assignments which is done through case studies, market surveys, study tours for subjects such as design, landscape, building construction, services and history.
- The students are grouped according to their talent and strengths under mentors.
- The final resultant is presented, discussed and shared in audio visual format, sheet presentation and physical display format.
- The session includes a presentation, question answers session, discussion among the students and the faculty with special guidance by guest lectures wherever possible.
- The assessment is done with respect to the content of presenters, coordination of team, individual inputs and involvement.
- Field Trips, Settlement Studios and study Tours are conducted to provide exposure in the field of Architecture.
- Students are encouraged to participate in various design Competition, NASA etc for participative learning and team work.
- Co-Curricular, extracurricular and sports activities conducted throughout the year which leads to holistic development of students.

PROBLEM SOLVING METHODOLOGIES:

- Problem solving skills are very important in an architect's professional scenario. To develop these skills the faculty designs problems where a student has to go through the following process
 - a. formulating the problem under the guidance of mentors ,
 - b. Systematic research through literature study and data collection ,
 - c. live case studies ,
 - d. analyzing the data and drawing inferences ,
 - e. formulation of design programme ,
 - f. physical site visits and analysis and





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- g. The design solution by integrating the knowledge of the other subjects like building construction, landscape, interior design, services .
- Sometimes students are given live sites. The design problem is created by the faculties at various years of architecture in such a way that it develops overall skills of students step by step to make them ready for practical implementation in profession.
 - The outcome is assessed regularly through one to one discussion with the student and guidance is given accordingly with freedom to think and come upon unique solution.
 - This improves their communication skills, their technical knowledge about the given topics, confidence level etc.
 - Final Year Projects are taken up by students which are addressing current issues, problems, challenges faced by Architecture within the city.




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