



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)  
District – Sangli 416416

**Criteria – I**

**Curricular Aspects**

**Key Indicator 1.3  
Curriculum Enrichment**



*Appasaheb*  
I/C. PRINCIPAL,  
APPASAHEB BIRNALE COLLEGE  
OF ARCHITECTURE, SANGLI.



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South Shivajinagar, SangliMiraj Road, Sangli-416146. Ph. No- (0233) 2320294, 2322336.

Website- [www.abcasangli.edu.in](http://www.abcasangli.edu.in) Affiliated: Shivaji University Kolhapur

**Principal: - Dr. Arundhati P Wategave Ph.D.**

1.3.1. Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and sustainability into the Curriculum



*Arundhati P Wategave*  
I/C. PRINCIPAL,  
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## List of course which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Course Name : F.Y.B.Arch. - Semester I

Subject	Category	Code no	Workshop	Examination scheme				Credits
				Paper	Sessional	Viva	Total	
Architectural design-I	<b>Viva</b>	PC - 103		0	100	100	200	04
Graphics-I	Studio	PC-102		-	50	-	50	2.5
Aesthetics & visual arts-I	Studio	PC-101		-	100	-	100	2.5
Human settlement & history of civilization	<b>Theory</b>	PC-104		50	50	-	100	2.0
Building construction & material-I	<b>Theory &amp; Viva</b>	BS & AE - 105		50	50	50	150	2.5
Theory of structure	<b>Theory</b>	BS & AE - 106		75	25	-	100	03
	Studio	PC-107	Workshop-I	-	50	-	50	01
		SEC-108	Communication skills-I	-	50	-	50	02
		SEC-109	Computer technology in architecture -I	-	50	-	50	1.5

### Summary of Internal exam- Semester I

Sr.No	Subject	Theory	Viva
1	Architectural design-I	--	<b>100</b>
2	Human settlement & history of civilization	<b>50</b>	--
3	Building construction & material-I	<b>50</b>	<b>50</b>
4	Theory of structure	<b>75</b>	--

**Course name : F.Y.B.Arch. - Semester II**

Subject	Category	Code no	Examination scheme				Credits
			Paper	Sessional	Viva	Total	
Architectural design-II	<b>Viva 1</b>	PC – 203	0	100	100	200	04
Graphics-II	Studio	PC-202	100	50	-	150	2.5
Aesthetics & visual arts-II		PC-201	-	100	-	100	2.5
Human settlement & history of civilization-II	<b>Theory</b>	PC-204	50	50	-	100	2.0
Building construction & material-II	<b>Theory &amp; Viva</b>	BS & AE -205	50	50	100	200	2.5
Theory of structure-II	<b>Theory</b>	BS & AE -206	75	25	-	100	03
Workshop-II	Studio	PC-207	-	50	-	50	01
Communication skills-II	Lecture	SEC-208	-	50	-	50	02
Computer technology in architecture –II	Studio	SEC-209	-	50	-	50	01
	Lecture						
	Studio						

**Summary of Internal exam- Semester II**

Sr.No	Subject	Theory	Viva
1	Architectural design-II	--	<b>100</b>
2	Human settlement & history of civilization	<b>50</b>	--
3	Building construction & material-I	<b>50</b>	<b>50</b>
4	Theory of structure	<b>75</b>	--

**Course name : S.Y.B.Arch.- Semester III**

Subject	Category	Code no	Examination scheme				Credits
			Paper	Sessional	Viva	Total	
zArchitectural design-III	<b>Viva</b>	PC – 303	Paper	Sessional	Viva	Total	10
			0	100	100	200	
Art appreciation-I	Studio	PC-301	-	50	-	50	BCBVB VYT90O ILHKJ
History of Architecture-I		PC-302	-	100	-	100	02
Building construction & material-III	<b>Theory</b>	PC-104	80	20	-	100	2.0
Theory of structure-III	<b>Theory &amp; Viva</b>	BS & AE -304	80	70	100	250	03
Climatology and architecture	<b>Theory</b>	BS & AE -305	80	20	-	100	03
Building Services-I	<b>Theory</b>	BS & AE -307	100	50	-	150	02
Environmental studies	<b>Theory</b>	BS & AE -308	50	50	-	100	02
		BS & AE -309	-	-	-	-	02
	Studio						

**Summary of Internal exam- Semester III**

Sr.No	Subject	Theory	Viva
1	Architectural design-III	--	<b>100</b>
2	Building construction & material-III	<b>80</b>	--
3	Theory of structure-III	<b>80</b>	<b>100</b>
4	Climatology and architecture	<b>80</b>	--
5	Building Services-I	<b>100</b>	--
6	Environmental studies	<b>50</b>	--

**Course name : S.Y.B.Arch.- Semester IV**

Subject	Category	Code no	Examination scheme				Credits
			Paper	Sessional	Viva	Total	
Graphics-IV	Studio	PC – 303	-	100	-	100	02
Art appreciation –II	Studio	PE – 402	-	100	-	100	02
Architectural design -IV	<b>Theory &amp; Viva</b>	PC-403	100	100	100	300	10
Building construction & material-IV	<b>Theory &amp; Viva</b>	BS & AE - 404	80	70	100	250	03
Theory of structure-IV	<b>Theory</b>	PC-405	80	20	-	100	03
Surveying & levelling	Studio	BS & AE - 406	-	50	50	100	02
History of Architecture-II	<b>Theory</b>	PC – 407	80	20	-	100	02
Building Services-II	<b>Theory</b>	BS&AE 408	50	50	-	100	02
Environmental studies-II	<b>Theory</b>	BS&AE 409	70	30	-	100	02

**Summary of Internal exam- Semester IV**

Sr.No	Subject	Theory	Viva
1	Architectural design-IV	<b>100</b>	<b>100</b>
2	Building construction & material-IV	<b>80</b>	<b>100</b>
3	Theory of structure-IV	<b>80</b>	--
4	Surveying & levelling	--	<b>50</b>
5	History of Architecture-II	<b>80</b>	--
6	Building Services-II	<b>50</b>	--
7	Environmental studies-II	<b>70</b>	--

**Course Name : T.Y.B.Arch.- Semester V**

Subject	Category	Code no	Examination scheme				Credits
			Paper	Sessional	Viva	Total	
Architectural design-V	<b>Viva</b>	PC – 501	0	100	100	200	10
History of Architecture-II	<b>Theory</b>	PC-504	80	20	-	100	02
Building construction & material-V	<b>Theory &amp; Viva</b>	BS & AE -502	80	70	100	250	5.5
Theory of structure-V	<b>Theory</b>	BS & AE -503	80	20	-	100	03
Estimation costing & specification-I	<b>Theory</b>	PC-505	80	20	-	100	02
Building Services-III	<b>Theory</b>	BS & AE -506	<b>50</b>	50	-	100	02
Working drawing-I	Studio	PC-507	-	50	-	50	2.5
Landscape Architecture	<b>Theory</b>	PC-508	50	50	-	100	02

**Summary of Internal exam- Semester V**

Sr.No	Subject	Theory	Viva
1	Architectural design-V	--	100
2	History of Architecture-II	80	--
3	Building construction & material-V	80	100
4	Theory of structure-V	80	--
5	Estimation costing & specification-I	80	--
6	Building Services-III	<b>50</b>	--
7	Landscape Architecture	50	--

**Course name : T.Y.B.Arch.- Semester VI**

Subject	Category	Code no	Examination scheme				Credits
			Paper	Sessional	Viva	Total	
Architectural design-VI	<b>Theory &amp; Viva</b>	PC – 601	100	100	100	300	10
History of Architecture-III	<b>Theory</b>	PC-604	80	20	-	100	02
Building construction & material-VI	<b>Theory &amp; Viva</b>	BS & AE -602	80	70	100	250	5.5
Theory of structure-VI	<b>Theory</b>	BS & AE -603	80	20	-	100	03
Estimation costing & specification-II	<b>Theory</b>	PC-605	80	20	-	100	02
Building Services-IV	<b>Theory</b>	BS & AE -606	50	50	-	100	02
Working drawing-II	<b>Viva</b>	PC-607	-	50	100	150	2.5
Interior Design	<b>Theory</b>	PE-608	50	50	-	100	02
Architectural acoustics	<b>Theory</b>	BS & AE -609	80	20	-	100	03

**Summary of Internal exam- Semester VI**

Sr.No	Subject	Theory	Viva
1	Architectural design-VI	100	100
2	History of Architecture-III	80	--
3	Building construction & material-VI	80	100
4	Theory of structure-VI	80	--
5	Estimation costing & specification-II	80	--
6	Building Services-IV	<b>50</b>	--
7	Working drawing-II	--	<b>100</b>
8	Interior Design	50	--
9	Architectural acoustics	80	--



**Course name : Fourth Y.B.Arch.- Semester VII**

Subject	Category	Code no	Examination scheme				Credits
			Paper	Sessional	Viva	Total	
Advanced Architectural design-	<b>Viva</b>	PC – 601	--	100	100	200	10
Environmental Planning and Urban Design	<b>Viva</b>	PC-702	-	100	100	200	03
Advanced Building Specification, Valuation and Project Management System	<b>Theory &amp; Viva</b>	PC-703	100	50	50	200	03
Advanced Structures-I	<b>Theory</b>	BS & AE -704	100	50	-	150	03
Urban and Regional Planning	<b>Theory</b>	PE-705	100	50	-	150	02
Research Methodology	<b>Theory</b>	PAECC-706	50	50	-	100	02
Project Management	<b>Theory</b>	PE-707-A	50	50	-	100	02
Vernacular Architecture	<b>Viva</b>	PE-707-B	-	50	50	100	02
Architectural Conservation	<b>Viva</b>	PC -708 - A	-	50	50	100	02
Road safety & Civic Sense		PC -708 - B		50	50	100	03

**Summary of Internal exam- Semester VII**

Sr.No	Subject	Theory	Viva
1	Advanced Architectural design-	--	100
2	Environmental Planning and Urban Design	--	<b>100</b>
3	Advanced Building Specification, Valuation and Project Management System	100	100
4	Advanced Structures-I	100	--
5	Urban and Regional Planning	100	--
6	Research Methodology	50	--
7	Project Management	50	--
8	Vernacular Architecture	--	50
9	Architectural Conservation	--	50

10	Road safety & Civic Sense	--	50
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**Course name : Fourth Y.B.Arch.- Semester VIII**

Subject	Category	Code no	Examination scheme				Credits
			Paper	Sessional	Viva	Total	
Practical Training and Report	Viva	PC – 801	--	100	100	200	10

**Summary of Internal exam- Semester VII**

Sr.No	Subject	Theory	Viva
1	Practical Training and Report	--	100

**Course name : Fifth Y.B.Arch.- Semester IX**

Subject	Category	Code no	Examination scheme				Credits
			Paper	Sessional	Viva	Total	
Practical Training And Report	Viva		--	100	100	200	
Arch. Project-II (Data collection, Case studies, Site analysis, Design Programme)			--	100	--	100	

**Course name : Fifth Y.B.Arch.- Semester X**

Subject	Category	Code no	Examination scheme				Credits
			Paper	Sessional	Viva	Total	
Arch. ProjectIII (Final Design and Presentation drawings /report)	Viva		--	200	200	400	
Adv. Building Construction & Materials	<b>Theory &amp; Viva</b>		100	100	100	300	
Elective-I	<b>Viva</b>		---	75	75	150	
Architectural Conservation							
Disaster management							
Building Economics And Sociology							
Industrial Architecture Sustainable Architecture							
Elective-II	<b>Viva</b>		--	75	75	150	
Digital Architecture							
Vernacular Architecture							
Energy conservation and non conventional							

sources of energy							
Project Management							

**Summary of Internal exam- Semester VI**

Sr.No	Subject	Theory	Viva
1	Arch. ProjectIII (Final Design and Presentation drawings /report)	--	200
2	Adv. Building Construction & Materials	100	100
3	Elective-I	--	100
4	Elective-II	--	100