



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**





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

Website- www.abcasangli.edu.in Affiliated: Shivaji University Kolhapur

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

Criterion-I		
Curriculum Enrichment		
Criterion Sub code	Content	Document
1.3.1	Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View Document
1.3.2	Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)	View Document



1.3.1 GENDER- Photo documentation of all concern events-

INTERNATIONAL WOMEN'S DAY- Year -2021-22

International women's day- International Women's Day is an occasion to celebrate the progress made towards achieving gender equality and women's empowerment



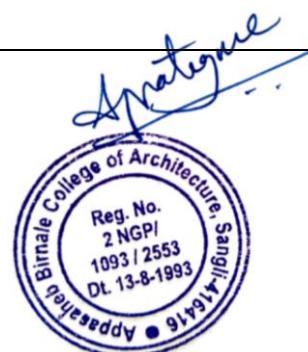
Felicitated Dr.Shubhangi Shantanu Jagatap ,Mam For P.H.D.

WOMEN'S GRIEVANCE CELL Year -2021-22

Women's Grievance Cell- The Women Grievance cell was formed at ABCA ,Sangli For gender equality & gender justice in all its intervention & practices.



Women police addressing students for grievance cell



**ANTI-RAGGING
CELL**
Year -2021-22

Anti- ragging Cell- Ragging is a disturbing reality in the higher education system of our country.

Despite the fact that over the years ragging has claimed hundreds of innocent lives and has ruined careers of thousands of bright students.

दिनांक ०६/११/२०२२

आपाजिते बिरनाले कॉलेज ऑफ आर्किटेक्चर सांगली या महाविद्यालयाची निम्न Ragging कमीटीची कामा दिनांक ०६/११/२०२२ रोजी सकाळी १०:०० वाजता कॉलेज मध्ये वाढू झाली प्राचार्य, शिक्षक व विद्यार्थी प्रतिनिधी उपस्थित राहिले. प्रमाणे कामकाज पूर्ण झाले.

१) प्राचार्य करीनी निम्न Ragging बाबत माहिती दिली व कॉलेज मध्ये होणा-या गैर प्रकाश मध्ये अनेक कार्येबाबत कि बाबती माहिती जागृती.



२) डॉ. ए. पी. वाळेगावे मॅडमनी कॉलेज मध्ये होणा-या विद्यार्थ्यांच्या आका बाबत माहिती दिली व उदाहरण देऊन स्पष्टीकरण दिले लगेच याचा विद्यार्थ्यांच्या चौकशीतून व मानकीत तसेच पल्लिवर कुला पल्लिवर होणे हे जागृतीने.





३) डॉ. जी. ए. दत्तदत्त मॅडम यांनी निम्न Ragging बाबत महाविद्यालयाचे नियम व अटी ची माहिती दिली.

४) प्राचार्य करीनी निम्न Ragging बाबत Online Registration करून त्याची एक कोरान्क प्रत कॉलेज मध्ये राखून ठेवण्यात आल्या. कॉलेज मध्ये सर्व विद्यार्थ्यांच्या वी आय-कार्ड अन्तर्गत अवस्थेत आहे व इतर कोणत्याही कॉलेजचे विद्यार्थी प्रवेश घेऊ नये याबाबत कॉलेज मध्ये प्रवेश मिळणार नाही.

वरील प्रमाणे कामेचे कामकाज पूर्ण झाले.

दिनांक:-

 
H.O. PRINCIPAL,
APPASAHEB BIRNALE COLLEGE
OF ARCHITECTURE, SANGLI.

क्र.सं.	नाव	पद	उद्देश
१	डॉ. व्ही. डी. कांबळेकर	प्र. प्राचार्य	
२	डॉ. ए. पी. वाळेगावे	अध्यक्ष	
३	डॉ. जी. ए. दत्तदत्त	अध्यक्ष	
४	डॉ. व्ही. डी. रत्नाकर	अध्यक्ष	

College taking meeting on anti-ragging cell

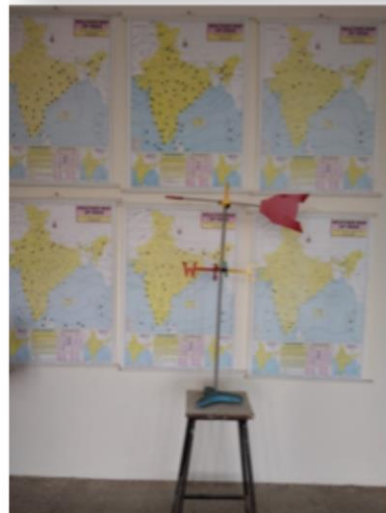


Environmental and Sustainability-- Photo documentation of all concern events

Climatology Lab- Year -2021-22

Climatology Lab-

Our lab is interested in the hows and whys of climate and weather, but also the so whats. Our work spans many topics - from addressing questions on climate ...



A.B.C.A College Sangli climate lab



**PAPER
SHREDDING
MACHINE**
Year -2021-22

Paper Shredding Machine- A paper shredder is a mechanical device used to cut sheets of paper into either strips or fine particles.



A.B.C.A College Sangli paper shredding machine

**TREE
PLANTATION-**
Year -2021-22

Tree Plantation-
It is significant in the current age of climate change and global warming.



Our principle sir planting a tree.



**NO VEHICLE
DAY-**
Year -2021-22

No Vehicle Day-



On the Day of “No-Vehicle Day” Student are entering in College by Walk



HUMAN VALUE AND PROFESSIONAL ETHICS- Photo documentation of all concern events

INDEPENDENCE DAY – Year -2021-22

Independence Day – The Independence Day is celebrated on August 15 every year to commemorate India's freedom from the British rule in 1947.



Independence Day is celebrated annually on 15 August

REPUBLIC DAY - Year -2021-22



On the Day of Republic Day



ARCHITECTS DAY-
Year -2021-22

Architects Day- World Architect Day is celebrated every first Monday of October, to appreciate the great architectural works of the ancient and modern worlds and the super brilliant people who design them.



On the Day of Architect Day



The below subjects mention in the criteria we put forward these subjects in to the academics in terms of academic programs like Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

02- ACADEMIC DESIGN PROJECT

Margaon Revitalization Initiative

An Initiative by Margaon Municipal Corporation

Revitalization of Heritage Corridor: Margaon, GOA

Program Preface (Project Outline) :

To increase awareness of Margaon's Architecture and Urban Heritage along with tourism activity more intensively. Need applied feasibility and empirical proposal. The heritage zone of Margaon should be linked with the neighboring villages of cultural significance like Chandor, Loutolim and Rachol. The together can be promoted as Heritage corridor of the south GOA. There are many ways to explore culture and built heritage of the place. This project need to find the socio cultural issues of this region along with to cater tourist facilities. Understanding the basic ownership rights of the native peoples and conservation are the key constraints of proposal. With an underline thought of maintaining the spirit of heritage place and the Development rules are need to be balanced along with tourist promotional activities.

Recorded facts :

- 1) Existing population accommodating in Heritage Zone : Total Margaon 88,000
- 2) Expected footfall of the tourist: 15,000
[Effective area along with Density : Area :15.1 Ha : Density :5805 (P/Ha)]
- 3) No. of buildings need to be fully conserve : 13
- 4) No. of buildings adaptively re spacing : 13
- 5) No. of buildings fully demolished (Open plot) for redesign : 2
- 6) No. of buildings Under Grade I : 10
- 7) No Of Open Space /Traffic I land : 2

Considering all above enclosures of planning effective site need to be demarcate
(Length of stretch/ Loop): **2.5 Km**

Project Feasibility Report (Analysis): Every student need to apprise best feasibility proposal so to commence the need of the native peoples along with the revenue generation. If possible along with the monitory terms and statistics apprise the proposal based on the facts (Partial Report)

Content of Feasibility Analysis:

- A) Preamble
- B) Feasibility Action Plan
- C) Target Land uses
- D) Category of the Buildings
- E) Underline classification of Buildings
- F) Target Outcome
- G) Summary Statement to justify Feasibility.

Design Program Buildings (Built Area under Action Plan)

Occupancy 40 building : Total Area : **22,962** Sqm

BUCGI : Grade I -10 = **9433** Sqm

:Grade II-13= **6795** Sqm

AURD : Re adoption -13 = **6377** Sqm

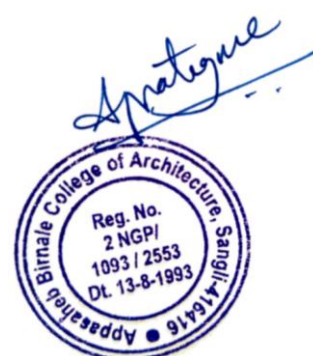
: Demolition -2 = **357** Sqm

: Open space / Traffic Island - 2 = **1730** Sqm

Sr.No	Content of Space Program	No of People	Considerations	Preference Area in SQ.M
01 BUCGI	Category A : Grade- I Building (Purely Conserve)		Heritage conservation guidelines	No Of Blgs-10 Occupancy Residential - 6 Religious – 2 Municipal bldg-1 School -1
02 AUC	Category B : Conservation of Heritage Corridor (Heritage Core)		Conservation of Heritage buildings along with its real occupancy	
	Requirement:		Maintaining Conservation guidelines	
	1) Experience and Heritage Display centre	50	Native / Tourist	500 Sqm
	2) Beautification of stretch		Tourist	
	3) Heritage Walk		Tourist	
03 AURD	Category C : Re adaptive Utilities		Considering requirements of the native and exotic (Tourist) peoples	No Of Blgs-13 Residential -9 Commercial -3 School bldg-1
	Requirement:			
	1) Home stay - 4	50	Tourist	
	2) Boutique Store etc- 4		Tourist	
	3) Antique Art Gallery – 1		Tourist	
	4) Café – 2		Tourist	
	5) Pocket Library -1		Tourist	
	6) Convenient Shops (small commercial)-4		Tourist	
04 AUND	Category D : New Design Utilities (Civic Amenities)		Considering the tourist promotional activities. And civic amenities.	
	Requirement:			
	1) Day care and playschool-1		Native / Tourist	100 Sqm
	2) Multifunctional Space -1	200	Native	500Sqm
	3) Travel Agency -1		Native / Tourist	50 Sqm
05 AUND	Category E : Design support service Infrastructure		Basic services to native peoples along with tourist demand.	

	1) Service Administration Building <ul style="list-style-type: none"> • Electrical • Waste Management /Sewage • Water Management • Communication (Officer 1,Support staff2 Clark2,Peuon2,Record and store ,Meeting room, Pantry,Toilet) <ul style="list-style-type: none"> • Risk management centre (Fire, Earthquake, Climate change)	25	Native Old Municipal Bldg-22 Native / Tourist	162 Sqm
	2) Bicycle Parking Space Per Bicycle - 0.7 sqm Electric cart - 2 Per car – 2.4 sqm Charging station	20	Native / Tourist	15 Sqm 5 Sqm
	3) Public Toilet - 4			20 Sqm
06 AUND	Category F : Design Community Spaces (Value added concept)		Special requirement to narrow down the religion gap between Catholic and Hindu community.	
	Requirement:			
	1) Exhibition Space		Native /Tourist bldg 2	350 Sqm
	2) Community Garden		Native/Tourist	Existing Municipal garden -27228 Near old market - 65
	3) Holistic Centre - (Health ,Meditation ,)	50	Native/Tourist	350 Sqm
07 AUND	Category G : Urban Interventions (Traffic Mobility and Urban Insertions)		Requirements based on Social , Urban , Traffic and Landscape Insertions	
	Requirement:			
	1) Alternative Traffic Roots		Native / Tourist	
	1) Streetscape		Native / Tourist	
	2) Boards and Signage		Tourist	
	3) Green belts /Landscape		Native / Tourist	
	4) Street Furniture		Native / Tourist	
	5) Bus Stop / Taxi Stop		Native / Tourist	
08 AUND	Category H : Administrative Buildings (Headed with MMC and GTDC)		By understanding the Organisation Structure of the Local Administration.	
	1) Tourist Facility Centre	150	Tourist	1330 Sqm
	a) Information Desk-1	3		18 sqm
	b) Waiting Room -1			50 sqm
	c) Entrance Foyer ,Display Area -1			30 sqm
	d) Auditorium -1	100		300 sqm
	e) AV room -1	50		100 sqm
	f) Conference room -1	20		50 sqm
	g) Office Space -1	10		40 sqm
	h) Entertainment zone -1			300 sqm
	i) Pantry -1	2		5 sqm
	j) Currency Exchange Booth- 1			5 sqm

	k) Toilet /Disabled -1	2+2		20 sqm
	l) Medical Consultation-1			10 sqm
	m) Store Room-1			5 sqm
	n) Server Room-1			5 sqm
	o) Parking – 25 cars+25 scooter Four wheeler -12.5 sqm per car Two wheeler 25 - 2 sqm per			312 Sqm 50 Sqm
	p) Accommodation (Executive)	20		
	Two suits- 40sqm			80 sqm
	Twin Share-5 = 30sqm			150 sqm
	Single room -5 =20 sqm			100 sqm
09	Category I : Policy Reframe and Guidelines Monitoring systems. Individual Inputs (Amendments) Over viewing Existing accreditation and evaluation of conservation norms and Restoration and Maintenance strategy for buildings under Conservation Zone		Individual level Inputs to steer the heritage norms to the end user. (Expected content in text format likewise amendment article)	Text Report
	1) Inputs on Heritage Guidelines		Native / Tourist	
10	1) Category A : Grade- I building		9433Sqm	
11	2) Category B : Conservation of Heritage Corridor (Heritage Core)		500 Sqm	
11	3) Category C : Re adaptive Utilities		6377 Sqm	
13	4) Category D : Re Design Utilities (Civic Amenities)		650 Sqm	
14	5) Category E : Design support serviceInfrastructure (Service Core)		182 Sqm	
15	6) Category F : Design Community Spaces(Value added concept)		700 Sqm	
16	7) Category G : Urban Interventions(Traffic Mobility and Urban Insertions)			
17	8) Category H : Administrative Buildings (Headed with MMC and GTDA)		1330 Sqm	
18	Add on 15% buffer area over total Built up for For deign category (3362) = 504		504 Sqm	
	Break up of Area Categories wise			
	BUCGI : Bldg Under Conservation Grade-I		9433Sqm	
	AUC : Area Under Conservation		500 Sqm	
	AURD : Area Under Re adaptive		6377 Sqm	
	AUND : Area Under New design		3350 Sqm	



SCHEME OF EXAMINATION OF SHIVAJI UNIVERSITY

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

Subject	Category	Code no	Workshop	Examination scheme				Credits
Architectural design-I	Viva	PC – 103		Paper 0	Sessional 100	Viva 100	Total 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	Theory	PC-104		50	50	-	100	2.0
Building construction & material-I	Theory & Viva	BS & AE - 105		50	50	50	150	2.5
Theory of structure	Theory	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	--	100
2	Human settlement & history of civilization	50	--
3	Building construction & material-I	50	50
4	Theory of structure	75	--

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

Subject	Category	Code no	Examination scheme				Credits
Architectural design-II	Viva 1	PC – 203	Paper 0	Sessional 100	Viva 100	Total 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	Theory	PC-204	50	50	-	100	2.0
Building construction & material-II	Theory & Viva	BS & AE -205	50	50	100	200	2.5
Theory of structure-II	Theory	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	--	100
2	Human settlement & history of civilization	50	--
3	Building construction & material-I	50	50
4	Theory of structure	75	--



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

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



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

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

Summary of Internal exam- Semester IV

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

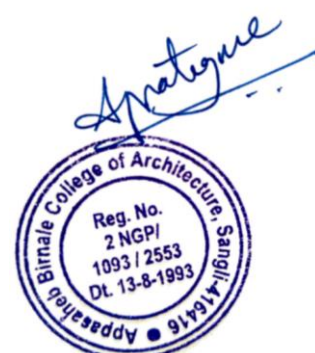


Course Name : T.Y.B.Arch.- Semester V

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



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

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



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

Subject	Category	Code no	Examination scheme				Credits
Advanced Architectural design-	Viva	PC – 601	Paper	Sessional	Viva	Total	
			--	100	100	200	10
Environmental Planning and Urban Design	Viva	PC-702	-	100	100	200	03
Advanced Building Specification, Valuation and Project Management System	Theory & Viva	PC-703	100	50	50	200	03
Advanced Structures-I	Theory	BS & AE -704	100	50	-	150	03
Urban and Regional Planning	Theory	PE-705	100	50	-	150	02
Research Methodology	Theory	PAECC-706	50	50	-	100	02
Project Management	Theory	PE-707-A	50	50	-	100	02
Vernacular Architecture	Viva	PE-707-B	-	50	50	100	02
Architectural Conservation	Viva	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	--	100
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
Practical Training and Report	Viva	PC – 801	Paper	Sessional	Viva	Total	
			--	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
Practical Training And Report	Viva		Paper	Sessional	Viva	Total	
			--	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
Arch. ProjectIII (Final Design and Presentation drawings /report)	Viva		Paper	Sessional	Viva	Total	
			--	200	200	400	
Adv. Building Construction & Materials	Theory & Viva		100	100	100	300	
Elective-I	Viva		---	75	75	150	
Architectural Conservation							
Disaster management							
Building Economics And Sociology							
Industrial Architecture Sustainable Architecture							
Elective-II	Viva		--	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

