



M.V.P.S's College of Architecture, Nashik
Udhaji Maratha Boarding Campus, off Gangapur Road, Nashik
Phone : 0253-2570822. Email : mvpcans_nsk@yahoo.co.in

Criterion 1– Curricular Aspects

1.2- Academic Flexibility

1.2.1





MVPS's College of Architecture

Udhaji Maratha Boarding Campus, off Gangapur Road, Nashik

Phone : 0253-2570822. Email : cansnashik@mvp.edu.in

Criterion 1 – Curricular Aspects

Key Indicator – 1.2 Academic Flexibility

1.2.1 Percentage of programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented

Sr. No.	Contents (Documents)
A)	Letter of implementation of B. Arch Program Syllabus
1	B. Arch Syllabus Letters of Implementation Details <ul style="list-style-type: none">• 2008 Syllabus Pattern• 2015 Syllabus Pattern• 2019 Syllabus Pattern
B)	Elective course system implemented last five Academic years (AY 2020-21 to AY 2016-17)
1	List electives offered in the each Elective course (of 2008, 2015 and 2019 pattern)
C)	Course Structure of program indicating Electives courses and its details
1	B. Arch Syllabus indicating elective courses Details <ul style="list-style-type: none">• 2008 Syllabus Pattern• 2015 Syllabus Pattern• 2019 Syllabus Pattern





M.V.P.S.'s College of Architecture, Nashik
Udhaji Maratha Boarding Campus, off Gangapur Road, Nashik
Phone : 0253-2570822. Email : mvpcans_nsk@yahoo.co.in

1.2.1

Percentage of Programmes in which Choice Based Credit System (CBCS)/ Elective course system has been implemented

(AY 2020-2021 to AY 2016-2017)

A) Letter of implementation of B. Arch Program Syllabus

1. B. Arch Syllabus Letters of Implementation Details

- 2008 Syllabus Pattern
- 2015 Syllabus Pattern
- 2019 Syllabus Pattern



पुणे विद्यापीठ

दूरध्वनी क्रमांक :

०२०-२५६९१२३३

२५६०१२५८

२५६०१२५९



शैक्षणिक विभाग

गणेशखिंड, पुणे-४११००७.

टेलिग्राफ : 'युनिपुणे'

फॅक्स : ०२०-२५६९८००७

वेबसाइट : www.unipune.ernet.in

ई-मेल : dyracademic@unipune.ernet.in

दिनांक : ११/६/२००८

संदर्भ क्र. : २५६०१२५८/५००८


परिपत्रक क्र. २०६/२००८

विषय :- अभियांत्रिकी विद्याशाखेअंतर्गत बॅचलर ऑफ आर्किटेक्चर व बॅचलर ऑफ आर्किटेक्चर (इंटरिअर डिझाईन) या पदवीच्या प्रथम वर्षाच्या सुधारित अभ्यासक्रमाबाबत व पाच वर्षाच्या आराखडयाबाबत.

विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार आपणांस कळविण्यात येते की, शैक्षणिक वर्ष २००८-०९ पासून अभियांत्रिकी विद्याशाखेअंतर्गत बॅचलर ऑफ आर्किटेक्चर व बॅचलर ऑफ आर्किटेक्चर (इंटरिअर डिझाईन) या पदवीच्या प्रथम वर्षाच्या सुधारित अभ्यासक्रमास व पाच वर्षाच्या आराखडयास मान्यता देण्यात येत आहे.

सदर अभ्यासक्रम www.unipune.ernet.in या पुणे विद्यापीठाच्या वेबसाईटवर Student's Helpline - Syllbi या शीर्षकाखाली उपलब्ध आहे. सदर अभ्यासक्रम डाऊनलोड करणेबाबत काही अडचण आल्यास CD उपलब्ध केल्या जातील.

पुणे विद्यापीठाचे सर्व संलग्न वास्तुशास्त्र महाविद्यालयांचे प्राचार्य, यांना विनंती की, सदर परिपत्रकाचा आशय सर्व संबंधितांच्या, प्राध्यापक व विद्यार्थी यांच्या निदर्शनास आणून द्यावा.


संचालकांकरिता
(म.वि.वि.म.)



प्रत माहितीसाठी व पुढील योग्य त्या कार्यवाहीसाठी :

- १) मा. अधिष्ठाता, अभियांत्रिकी विद्याशाखा, पुणे विद्यापीठ, पुणे-४११ ००७.
- २) मा. प्राचार्य, सर्व संलग्नीत अभियांत्रिकी महाविद्यालये.
- ३) मा. अभ्यासमंडळाचे सदस्य, पुणे विद्यापीठ, पुणे-४११ ००७.
- ४) मा. परीक्षा नियंत्रक, परीक्षा विभाग, पुणे विद्यापीठ, पुणे-४११ ००७.
- ५) मा. संचालक, म.वि.वि.मं., पुणे विद्यापीठ, पुणे-४११ ००७.
- ६) मा. संचालक, स्पर्धा परीक्षा केंद्र, पुणे विद्यापीठ, पुणे-४११ ००७.
- ७) मा. संचालक, आंतरराष्ट्रीय विद्यार्थी केंद्र, पुणे विद्यापीठ, पुणे-४११ ००७.
- ८) मा. उपकुलसचिव, परीक्षा (१ व २), पुणे विद्यापीठ, पुणे-४११ ००७.
- ९) मा. सहा.कुलसचिव, शैक्षणिक प्रवेश विभाग, पुणे विद्यापीठ, पुणे-४११ ००७.
- १०) मा. सहा. कुलसचिव, नियोजन व विकास विभाग, पुणे विद्यापीठ, पुणे-४११ ००७.
- ११) मा. सहा. कुलसचिव, शैक्षणिक पात्रता विभाग, पुणे विद्यापीठ, पुणे-४११ ००७.
- १२) मा. सहा. कुलसचिव, परीक्षा समन्वय कक्ष, पुणे विद्यापीठ, पुणे-४११ ००७.
- १३) मा. सहा. कुलसचिव, परीक्षा (एस अँड टी) विभाग, पुणे विद्यापीठ, पुणे-७.
- १४) मा. सहा. कुलसचिव, गोपनीय कक्ष, पुणे विद्यापीठ, पुणे-४११ ००७.
- १५) मा. सहा. कुलसचिव, सभा व दफ्तर विभाग, पुणे विद्यापीठ, पुणे-४११ ००७.
- १६) मा. कायदा अधिकारी, कायदा विभाग, पुणे विद्यापीठ, पुणे-४११ ००७.
- १७) मा. जनसंपर्क अधिकारी, पुणे विद्यापीठ, पुणे-४११ ००७.
- १८) मा. कक्षाधिकारी, बहिस्थ: विभाग, पुणे विद्यापीठ, पुणे-४११ ००७.
- १९) मा. कक्षाधिकारी, संलग्नता विभाग, पुणे विद्यापीठ, पुणे-४११ ००७.
- २०) मा. कक्षाधिकारी, शिक्षक मान्यता कक्ष, पुणे विद्यापीठ, पुणे-४११ ००७.
- २१) मा. प्रमुख विद्यापीठ उप केंद्र : अहमदनगर, नाशिक.

विद्या परिषद ठराव क्र. — वि.प. ब ४० पीए/४०/०८ दि. ८/९ मे, २००८



सावित्रीबाई फुले पुणे विद्यापीठ

दूरध्वनी क्रमांक :
०२०-२५६९१२३३
२५६०१२५८
२५६०१२५९



शैक्षणिक विभाग
गणेशखिंड, पुणे-४११ ००७
टेलिग्राफ : 'युनिपुणे'
फॅक्स : ०२०-२५६९१२३३
वेबसाइट : www.unipune.ac.in
ई-मेल : boards@pun.unipune.ac.in
दिनांक : ०४/०२/२०१५

संदर्भ क्र. :सी.बी./इंजि / १७३

परिपत्रक क्र. १५/२०१५

विषय:- अभियांत्रिकी विद्याशाखेअंतर्गत B. Arch. and M. Arch. (Credit System) च्या नवीन अभ्यासक्रमांस व आराखडयास शैक्षणिक वर्ष २०१५-१६ पासून मान्यता देण्याबाबत.....

विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार सर्व संबंधितांस या परिपत्रकाद्वारे कळविण्यात येते की, अभियांत्रिकी विद्याशाखेअंतर्गत B. Arch. and M. Arch. (Credit System) च्या खालील नवीन अभ्यासक्रमांस व आराखडयास शैक्षणिक वर्ष २०१५-१६ पासून मान्यता देण्यात येत आहे.

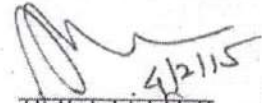
1. B. Arch. (2015 Course)

- First and Second Year B. Arch.

2. M. Arch. (2015 Course):

- M. Arch. (Landscape); M. Arch. (Environmental Architecture); M. Arch. (Digital Architecture); M. Arch. (Architectural Conservation) and M. Arch. (Computer Applications)

पुणे विद्यापीठाच्या सर्व संलग्न वास्तुशास्त्र महाविद्यालयांचे मा. प्राचार्य यांना विनंती की, सदर परिपत्रकाचा आशय सर्व संबंधित प्राध्यापक व विद्यार्थ्यांच्या निदर्शनास आणून द्यावा.


संचालकांकरिता
(म.वि.वि.मं)

कृ.प.ग.



त माहितीसाठी व पुढील योग्य त्या कार्यवाहीसाठी:—

१. मा. अधिष्ठाता, अभियांत्रिकी विद्याशाखा
२. मा. संचालक, बी.सी.यु.डी.
३. मा. प्राचार्य, सर्व वास्तुशास्त्र महाविद्यालये
४. मा. संचालक, सर्व मान्यताप्राप्त संस्था
५. मा. परीक्षा नियंत्रक, पुणे विद्यापीठ
६. मा. संचालक, स्पर्धा परीक्षा केंद्र
७. मा. उपकुलसचिव, परीक्षा (१,२)
८. मा. सिस्टीम ऑनॅलिस्ट डेटा प्रोग्रेसिंग युनिट
९. मा. उपकुलसचिव, प्रवेश
१०. मा. उपकुलसचिव, विकास
११. मा. उपकुलसचिव, पात्रता
१२. सहाय्यक कुलसचिव (परीक्षा समन्वय)
१३. सहाय्यक कुलसचिव (परीक्षा—एस.अॅण्ड टी. विभाग)
१४. सहाय्यक कुलसचिव (गोपनीय कक्ष)
१५. सहाय्यक कुलसचिव (परदेशी विद्यार्थी केंद्र)
१६. सहाय्यक कुलसचिव (सभा दफ्तर)
१७. कायदा अधिकारी
१८. जनसंपर्क अधिकारी
१९. कक्षाधिकारी (बहिःस्थ)
२०. कक्षाधिकारी (पात्रता विभाग)
२१. प्रमुख, विद्यापीठ उपकेंद्र : अहमदनगर, नाशिक.

वि.प. ठराव क्र. ब ४० पीए/४० /१४, दि. ३० डिसेंबर, २०१४



सावित्रीबाई फुले पुणे विद्यापीठ
(पूर्वीचे पुणे विद्यापीठ)

दूरध्वनी क्रमांक :
०२०-२५६९१२३३
२५६०१२५८
२५६०१२५९



शैक्षणिक विभाग
गणेशखिंड, पुणे-४११ ००७
टेलिग्राफ : 'युनिपुणे'
फॅक्स : ०२०-२५६९१२३३
वेबसाइट : www.unipune.ac.in
ई-मेल : boards@pun.unipune.ac.in
दिनांक : १०/०१/२०१७

संदर्भ क्र. : सी.बी./इंजि. १३४

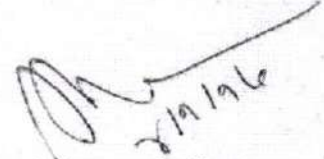
परिपत्रक क्रमांक. ७० / २०१७

विषय :- तृतीय, चतुर्थ व पंचम वर्ष बी.आर्च २०१५ पॅटर्न अभ्यासक्रम
शैक्षणिक वर्ष २०१७-१८ पासून लागू करण्यासंदर्भात.

विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार सर्व संबंधितांस या
परिपत्रकाद्वारे कळविण्यात येते की, तृतीय, चतुर्थ व पंचम वर्ष बी.आर्च २०१५
पॅटर्न अभ्यासक्रमास शैक्षणिक वर्ष २०१७-१८ पासून मान्यता देण्यात येत आहे.

सदर अभ्यासक्रम सावित्रीबाई फुले पुणे विद्यापीठाच्या www.unipune.ac.in
या वेबसाईटवर Syllabi-Engineering या शीर्षकाखाली उपलब्ध आहे.

सावित्रीबाई फुले पुणे विद्यापीठाच्या सर्व संलग्न वास्तुशास्त्र महाविद्यालयांचे
मा. प्राचार्य यांना विनंती की, सदर परिपत्रकाचा आशय सर्व संबंधित प्राध्यापक व
विद्यार्थ्यांच्या निदर्शनास आणून द्यावा.



संचालकांकरिता
(म.वि.वि.मं)

वृ. मा. ए.



प्रत माहितीसाठी व पुढील योग्य त्या कार्यवाहीसाठी:—

१. मा. समन्वयक, अभियांत्रिकी विद्याशाखा
२. मा. संचालक, म.वि.वि.मं
३. मा. प्राचार्य, सर्व वास्तुशास्त्र महाविद्यालये
४. मा. संचालक, सर्व मान्यताप्राप्त संस्था
५. मा. परीक्षा नियंत्रक, सा. फु. पुणे विद्यापीठ
६. मा. संचालक, स्पर्धा परीक्षा केंद्र
७. मा. उपकुलसचिव, परीक्षा (१,२)
८. मा. सिस्टीम ॲनालिस्ट डेटा प्रोग्रेसिंग युनिट
९. मा. उपकुलसचिव, नियोजन व विकास
१०. मा. उपकुलसचिव, (पात्रता विभाग)
११. मा. उपकुलसचिव (सभा दफ्तर)
१२. मा. संचालक (परदेशी विद्यार्थी केंद्र)
१३. सहायक कुलसचिव, शैक्षणिक प्रवेश विभाग
१४. सहायक कुलसचिव (गोपनीय कक्ष)
१५. सहायक कुलसचिव (परीक्षा-एस.ॲण्ड टी. विभाग)
१६. सहायक कुलसचिव (परीक्षा समन्वय)
१७. वरिष्ठ कायदा अधिकारी
१८. जनसंपर्क अधिकारी
१९. कक्षाधिकारी (बहिःस्थ)
२०. प्रमुख, विद्यापीठ उपकेंद्र : अहमदनगर, नाशिक.

वि.प. ठराव क्र. ब ०३ पीए/०३/२०१६, दि. २९ नोव्हेंबर, २०१६





सावित्रीबाई फुले पुणे विद्यापीठ
(पूर्वीचे पुणे विद्यापीठ)

शैक्षणिक विभाग

गणेशखिंड, पुणे-४११ ००७

दूरध्वनी क्र. : ०२०-२५६०१२५७/५८/५९

ई-मेल : boards@pun.unipune.ac.in

संकेतस्थळ : www.unipune.ac.in

Savitribai Phule Pune University
(Formerly University of Pune)

Academic Section

Ganeshkhind, Pune - 411 007

Phone : 020-25601257/58/59

E-mail : boards@pun.unipune.ac.in

Website : www.unipune.ac.in

संदर्भ क्र : CB/S&T/635

दिनांक : ०४/०७/२०१९

परिपत्रक क्रमांक. १४९/२०१९

विषय :- विज्ञान व तंत्रज्ञान विद्याशाखेअंतर्गत वास्तुशास्त्र प्रथम वर्ष २०१५ पॅटर्नच्या अभ्यासक्रमास २०१९ पॅटर्न अभ्यासक्रमाप्रमाणे समकक्ष विषय शैक्षणिक वर्ष २०१९-२०२० पासून लागू करणेबाबत....

विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार सर्व संबंधितांस या परिपत्रकाद्वारे कळविण्यात येते की, विज्ञान व तंत्रज्ञान विद्याशाखेअंतर्गत वास्तुशास्त्र प्रथम वर्ष २०१५ पॅटर्नच्या अभ्यासक्रमास २०१९ पॅटर्न अभ्यासक्रमाप्रमाणे समकक्ष विषय शैक्षणिक वर्ष २०१९-२०२० पासून लागू करण्यास मान्यता देण्यात येत आहे.

सदर अभ्यासक्रम सावित्रीबाई फुले पुणे विद्यापीठाच्या www.unipune.ac.in या वेबसाईटवर Syllabi - Academic Year 2019 - Faculty of Science and Technology (Architecture) या शीर्षकाखाली उपलब्ध आहे.

मा. प्राचार्य, सर्व संलग्नित वास्तुशास्त्र महाविद्यालये यांना विनंती की, सदर परिपत्रकाचा आशय सर्व संबंधितांच्या निदर्शनास आणून द्यावा.

उपकुलसचिव
(शैक्षणिक विभाग)



प्रत माहितीसाठी व पुढील योग्य त्या कार्यवाहीसाठी:—

१. मा. अधिष्ठाता, विज्ञान व तंत्रज्ञान विद्याशाखा
२. मा. प्राचार्य, सर्व संलग्नित वास्तुशास्त्र महाविद्यालये
३. मा. संचालक, सर्व मान्यताप्राप्त परिसंस्था
४. मा. संचालक, परीक्षा व मूल्यमापन मंडळ
५. मा. संचालक, स्पर्धा परीक्षा केंद्र
६. मा. उपकुलसचिव, परीक्षा (१,२)
७. मा. उपकुलसचिव, नियोजन व विकास विभाग
८. मा. उपकुलसचिव, शैक्षणिक पात्रता विभाग
९. मा. उपकुलसचिव, सभा व दफ्तर विभाग
१०. मा. संचालक, आंतरराष्ट्रीय केंद्र
११. मा. उपकुलसचिव, शैक्षणिक प्रवेश विभाग
१२. सहायक कुलसचिव, गोपनीय कक्ष
१३. सहायक कुलसचिव, परीक्षा—एस.एँड टी. विभाग
१४. सहायक कुलसचिव, परीक्षा समन्वय
१५. सहायक कुलसचिव, मा. प्र—कुलगुरू कार्यालय
१६. वरिष्ठ कायदा अधिकारी
१७. जनसंपर्क अधिकारी
१८. कक्षाधिकारी, बहिःस्थ विभाग
१९. प्रमुख, विद्यापीठ उपकेंद्र : अहमदनगर, नाशिक.

वि.प. ठराव क्र. ब ५ पीए/५/२०१९, दि. ११ जून, २०१९





सावित्रीबाई फुले पुणे विद्यापीठ
(पूर्वीचे पुणे विद्यापीठ)

शैक्षणिक विभाग

गणेशखिंद, पुणे-४११ ००७

दूरध्वनी क्र. : ०२०-२५६०१२५७/५८/५९

ई-मेल : boards@pun.unipune.ac.in

संकेतस्थळ : www.unipune.ac.in

Savitribai Phule Pune University
(Formerly University of Pune)

Academic Section

Ganeshkhind, Pune - 411 007

Phone : 020-25601257/58/59

E-mail : boards@pun.unipune.ac.in

Website : www.unipune.ac.in

संदर्भ क्र : CB/S&T/115

दिनांक : 12/02/2020

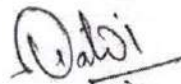
परिपत्रक क्रमांक. ४१ / २०२०

विषय :- विज्ञान व तंत्रज्ञान विद्याशाखेतर्गत वास्तुशास्त्र द्वितीय व तृतीय वर्ष बी.आर्च (२०१९ पॅटर्न) चा अभ्यासक्रम शैक्षणिक वर्ष २०२०-२१ पासून सुरू करणेबाबत.....

विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार सर्व संबंधितांस या परिपत्रकाद्वारे कळविण्यात येते की, विज्ञान व तंत्रज्ञान विद्याशाखेतर्गत वास्तुशास्त्र द्वितीय व तृतीय वर्ष बी.आर्च (२०१९ पॅटर्न) चा अभ्यासक्रम शैक्षणिक वर्ष २०२०-२१ पासून सुरू करण्यास मान्यता देण्यात येत आहे.

सदर अभ्यासक्रम सावित्रीबाई फुले पुणे विद्यापीठाच्या www.unipune.ac.in या वेबसाईटवर Syllabi - Academic Year 2020 - Faculty of Science and Technology (Architecture) या शीर्षकाखाली उपलब्ध आहे.

मा. प्राचार्य, सर्व संलग्नित वास्तुशास्त्र महाविद्यालये यांना विनंती की, सदर परिपत्रकाचा आशय सर्व संबंधितांच्या निदर्शनास आणून द्यावा.


उपकुलसचिव
(शैक्षणिक विभाग)



प्रत माहितीसाठी व पुढील योग्य त्या कार्यवाहीसाठी:-

१. मा. अधिष्ठाता, विज्ञान व तंत्रज्ञान विद्याशाखा
२. मा. प्राचार्य, सर्व संलग्नित वास्तुशास्त्र महाविद्यालये
३. मा. संचालक, सर्व मान्यताप्राप्त परिसंस्था
४. मा. संचालक, परीक्षा व मूल्यमापन मंडळ
५. मा. संचालक, स्पर्धा परीक्षा केंद्र
६. मा. उपकुलसचिव, परीक्षा (१,२)
७. मा. उपकुलसचिव, नियोजन व विकास विभाग
८. मा. उपकुलसचिव, शैक्षणिक पात्रता विभाग
९. मा. उपकुलसचिव, सभा व दफ्तर विभाग
१०. मा. उपकुलसचिव, परीक्षा-एस.एँड टी. विभाग
११. मा. उपकुलसचिव, शैक्षणिक प्रवेश विभाग
१२. सहायक कुलसचिव, गोपनीय कक्ष
१३. सहायक कुलसचिव, संलग्नता कक्ष
१४. सहायक कुलसचिव, परीक्षा समन्वय
१५. सहायक कुलसचिव, मा. प्र-कुलगुरू कार्यालय
१६. वरिष्ठ कायदा अधिकारी
१७. जनसंपर्क अधिकारी
१८. कक्षाधिकारी, बहिःस्थ विभाग
१९. प्रमुख, विद्यापीठ उपकेंद्र : अहमदनगर, नाशिक.
२०. सिस्टीम ऑनॅलिस्ट डेटा प्रोग्रेसिंग युनिट

वि.प. ठराव क्र. ब २०पीए/२०/२०२०, दि. २३, जानेवारी २०२०





M.V.P.S's College of Architecture, Nashik
Udhaji Maratha Boarding Campus, off Gangapur Road, Nashik
Phone : 0253-2570822. Email : mvpcans_nsk@yahoo.co.in

1.2.1

Percentage of Programmes in which Choice Based Credit System (CBCS)/ Elective course system has been implemented

(AY 2020-2021 to AY 2016-2017)

B) Elective course system implemented last five Academic years

(AY 2020-21 to AY 2016-17)

1. List electives offered in each Elective course (of 2008, 2015 and 2019 pattern)





MVPS's College of Architecture

Udhaji Maratha Boarding Campus, off Gangapur Road, Nashik

Phone : 0253-2570822. Email : cansnashik@mvp.edu.in

Criterion 1 – Curricular Aspects

Key Indicator – 1.2 Academic Flexibility

1.2.1 Average percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

ELECTIVES COURSES IMPLEMENTED IN B.ARCH FROM LAST 5 ACADEMIC YEARS					
SR NO.	ACADEMIC YEAR	NAME OF ELECTIVE COURSE	COURSE CODE	SEMESTER	SYLLABUS PATTERN
1	2020-21	Elective-1 Interior Design Elective	3201553	Third Y. B.Arch-SEM-II	2015 PATTERN
		Elective-2 Design & Technology	4201561	Fourth Y. B.Arch- SEM-I	
		Elective-3 Allied Electives	4201569	Fourth Y. B.Arch- SEM-II	
		Elective-4 Management Elective	5201572	Fifth Y.B.Arch -SEM-II	
2	2019-20	Elective-1 Interior Design Elective	3201553	Third Y. B.Arch-SEM-II	2015 PATTERN
		Elective-2 Design & Technology	4201561	Fourth Y. B.Arch- SEM-I	
		Elective-3 Allied Electives	4201569	Fourth Y. B.Arch- SEM-II	
		Elective-4 Management Elective	5201572	Fifth Y.B.Arch -SEM-II	
3	2018-19	Elective-1 Interior Design Elective	3201553	Third Y. B.Arch-SEM-II	2015 PATTERN
		Elective-2 Design & Technology	4201561	Fourth Y. B.Arch- SEM-I	
		Elective-3 Allied Electives	4201569	Fourth Y. B.Arch- SEM-II	
		Management Elective	513423	Fifth Y.B.Arch -SEM-II	2008 PATTERN
		Allied Elective	513424	Fifth Y.B.Arch -SEM-II	





MVPS's College of Architecture

Udhaji Maratha Boarding Campus, off Gangapur Road, Nashik

Phone : 0253-2570822, Email : cansnashik@mvp.edu.in

4	2017-18	Elective-1 Interior Design Elective	3201553	Third Y. B.Arch-SEM-II	2015 PATTERN
		Design & Technology Elective	413423	Fourth Y. B.Arch- SEM-I & II	2008 PATTERN
		Management Elective	513423	Fifth Y.B.Arch -SEM-II	
		Allied Elective	513424	Fifth Y.B.Arch -SEM-II	
5	2016-17	Design & Technology Elective	413423	Fourth Y. B.Arch- SEM-I & II	2008 PATTERN
		Management Elective	513423	Fifth Y.B.Arch -SEM-II	
		Allied Elective	513424	Fifth Y.B.Arch -SEM-II	





MVPS's College of Architecture

Udhaji Maratha Boarding Campus, off Gangapur Road, Nashik

Phone : 0253-2570822. Email : cansnashik@mvp.edu.in

1.2.1 List of Electives Courses in the Syllabus of 2008 Pattern

SR. NO.	PROGRAM CODE	PROGRAM NAME	CLASS	SYLLABUS PATTERN	LIST OF ELECTIVES IN COURSE	COURSE CODE	YEAR OF INTRO- DUTION
1	CARN017580	B. Arch.	4th.Y.B.ARCH	2008 Pattern	Design and Technology Elective- Interior design	413423	2011-12
2	CARN017580	B. Arch.	4th.Y.B.ARCH	2008 Pattern	Design and Technology Elective- Industrial design	413423	2011-12
3	CARN017580	B. Arch.	4th.Y.B.ARCH	2008 Pattern	Design and Technology Elective- Product design	413423	2011-12
4	CARN017580	B. Arch.	4th.Y.B.ARCH	2008 Pattern	Design and Technology Elective- Urban design	413423	2011-12
5	CARN017580	B. Arch.	4th.Y.B.ARCH	2008 Pattern	Design and Technology Elective- Advance Landscape design	413423	2011-12
6	CARN017580	B. Arch.	4th.Y.B.ARCH	2008 Pattern	Design and Technology Elective- Housing design	413423	2011-12
7	CARN017580	B. Arch.	4th.Y.B.ARCH	2008 Pattern	Design and Technology Elective- Set design	413423	2011-12
8	CARN017580	B. Arch.	4th.Y.B.ARCH	2008 Pattern	Design and Technology Elective- Sustainable Development & Architecture	413423	2011-12
9	CARN017580	B. Arch.	4th.Y.B.ARCH	2008 Pattern	Design and Technology Elective- Barrier free Environment & Design	413423	2011-12
10	CARN017580	B. Arch.	5th.Y.B.ARCH	2008 Pattern	Management Electives- Project Management	513423	2012-13
11	CARN017580	B. Arch.	5th.Y.B.ARCH	2008 Pattern	Management Electives- Energy Management	513423	2012-13
12	CARN017580	B. Arch.	5th.Y.B.ARCH	2008 Pattern	Management Electives- Architectural Legalities	513423	2012-13
13	CARN017580	B. Arch.	5th.Y.B.ARCH	2008	Management Electives-	513423	2012-13





MVPS's College of Architecture

Udhaji Maratha Boarding Campus, off Gangapur Road, Nashik

Phone : 0253-2570822. Email : cansnashik@mvp.edu.in

				Pattern	Architect's office Management		
14	CARN017580	B. Arch.	5th.Y.B.ARCH	2008 Pattern	Management Electives- Disaster Management	513423	2012-13
15	CARN017580	B. Arch.	5th.Y.B.ARCH	2008 Pattern	Management Electives- Risk Management	513423	2012-13
16	CARN017580	B. Arch.	5th.Y.B.ARCH	2008 Pattern	Management Electives- Entrepreneurship Development and Total Quality management	513423	2012-13
17	CARN017580	B. Arch.	5th.Y.B.ARCH	2008 Pattern	Management Electives- Information technology in architectural profession	513423	2012-13
18	CARN017580	B. Arch.	5th.Y.B.ARCH	2008 Pattern	Management Electives- Financial Management and Budgeting	513423	2012-13
19	CARN017580	B. Arch.	5th.Y.B.ARCH	2008 Pattern	Allied Electives- Visual Communication	513424	2012-13
20	CARN017580	B. Arch.	5th.Y.B.ARCH	2008 Pattern	Allied Electives- Architectural Journalism	513424	2012-13
21	CARN017580	B. Arch.	5th.Y.B.ARCH	2008 Pattern	Allied Electives- Architectural Conservation	513424	2012-13
22	CARN017580	B. Arch.	5th.Y.B.ARCH	2008 Pattern	Allied Electives- Applied Psychology in Arch.	513424	2012-13
23	CARN017580	B. Arch.	5th.Y.B.ARCH	2008 Pattern	Allied Electives- Housing Finance & Building Economics	513424	2012-13
24	CARN017580	B. Arch.	5th.Y.B.ARCH	2008 Pattern	Allied Electives- Fine Arts and Graphics advanced Computer	513424	2012-13
25	CARN017580	B. Arch.	5th.Y.B.ARCH	2008 Pattern	Allied Electives- Graphics	513424	2012-13
26	CARN017580	B. Arch.	5th.Y.B.ARCH	2008 Pattern	Allied Electives- Photography	513424	2012-13
27	CARN017580	B. Arch.	5th.Y.B.ARCH	2008 Pattern	Applied Sociology in Architecture	513424	2012-13





MVPS's College of Architecture

Udhaji Maratha Boarding Campus, off Gangapur Road, Nashik

Phone : 0253-2570822. Email : cansnashik@mvp.edu.in

1.2.1 List of Electives Courses in the Syllabus of 2015 Pattern

1	CARN017580	B. Arch.	3rd.Y.B.ARCH	2015 Pattern	Elective-I - INTERIOR DESIGN	3201553	2017-18
2	CARN017580	B. Arch.	3rd.Y.B.ARCH	2015 Pattern	Elective-I - Exhibition design	3201553	2017-18
3	CARN017580	B. Arch.	3rd.Y.B.ARCH	2015 Pattern	Elective-I - Set Design	3201553	2017-18
4	CARN017580	B. Arch.	3rd.Y.B.ARCH	2015 Pattern	Elective-I - Commercial & Office space design	3201553	2017-18
5	CARN017580	B. Arch.	3rd.Y.B.ARCH	2015 Pattern	Elective-I - Residential Interiors	3201553	2017-18
6	CARN017580	B. Arch.	3rd.Y.B.ARCH	2015 Pattern	Elective-I - Specialised interior- Hospitals	3201553	2017-18
7	CARN017580	B. Arch.	3rd.Y.B.ARCH	2015 Pattern	Elective-I - Specialised interior- Laboratories	3201553	2017-18
8	CARN017580	B. Arch.	3rd.Y.B.ARCH	2015 Pattern	Elective-I - Specialised interior- Auditoriums	3201553	2017-18
9	CARN017580	B. Arch.	3rd.Y.B.ARCH	2015 Pattern	Elective-I - Specialised interior- Gymnasiums	3201553	2017-18
10	CARN017580	B. Arch.	3rd.Y.B.ARCH	2015 Pattern	Elective-I - Furniture Design	3201553	2017-18
11	CARN017580	B. Arch.	3rd.Y.B.ARCH	2015 Pattern	Elective-I - Product Design	3201553	2017-18
12	CARN017580	B. Arch.	3rd.Y.B.ARCH	2015 Pattern	Elective-I - Graphic Design	3201553	2017-18
13	CARN017580	B. Arch.	3rd.Y.B.ARCH	2015 Pattern	Elective-I - Retrofitting of Building	3201553	2017-18
14	CARN017580	B. Arch.	4th.Y.B.ARCH	2015 Pattern	Elective-II - Design & Technology	4201561	2018-19
15	CARN017580	B. Arch.	4th.Y.B.ARCH	2015 Pattern	Elective-II - Universal Design	4201561	2018-19
16	CARN017580	B. Arch.	4th.Y.B.ARCH	2015 Pattern	Elective-II - Seismic Resistance Design	4201561	2018-19
17	CARN017580	B. Arch.	4th.Y.B.ARCH	2015 Pattern	Elective-II - Services in high rise Buildings	4201561	2018-19
18	CARN017580	B. Arch.	4th.Y.B.ARCH	2015	Elective-II - Design	4201561	2018-19





MVPS's College of Architecture

Udhaji Maratha Boarding Campus, off Gangapur Road, Nashik

Phone : 0253-2570822. Email : cansnashik@mvp.edu.in

				Pattern	Theory		
19	CARN017580	B. Arch.	4th.Y.B.ARCH	2015 Pattern	Elective-II - Architectural Conservation	4201561	2018-19
20	CARN017580	B. Arch.	4th.Y.B.ARCH	2015 Pattern	Elective-II - Computer & Design	4201561	2018-19
21	CARN017580	B. Arch.	4th.Y.B.ARCH	2015 Pattern	Elective-II - Modular design	4201561	2018-19
22	CARN017580	B. Arch.	4th.Y.B.ARCH	2015 Pattern	Elective-II - Prefabricated & precast construction	4201561	2018-19
23	CARN017580	B. Arch.	4th.Y.B.ARCH	2015 Pattern	Elective-II - Advance Landscape Design	4201561	2018-19
24	CARN017580	B. Arch.	4th.Y.B.ARCH	2015 Pattern	Elective-III (Allied elective)	4201569	2018-19
25	CARN017580	B. Arch.	4th.Y.B.ARCH	2015 Pattern	Elective-III - Music & Architecture	4201569	2018-19
26	CARN017580	B. Arch.	4th.Y.B.ARCH	2015 Pattern	Elective-III - Environmental Psychology	4201569	2018-19
27	CARN017580	B. Arch.	4th.Y.B.ARCH	2015 Pattern	Elective-III - Art movements and Architecture	4201569	2018-19
28	CARN017580	B. Arch.	4th.Y.B.ARCH	2015 Pattern	Elective-III - Sociology and Architecture	4201569	2018-19
29	CARN017580	B. Arch.	4th.Y.B.ARCH	2015 Pattern	Elective-III - Building Economics	4201569	2018-19
30	CARN017580	B. Arch.	4th.Y.B.ARCH	2015 Pattern	Elective-III - Biomimicry	4201569	2018-19
31	CARN017580	B. Arch.	5th.Y.B.ARCH	2015 Pattern	Elective-IV - Management	5201572	2019-20
32	CARN017580	B. Arch.	5th.Y.B.ARCH	2015 Pattern	Project Management	5201572	2019-20
33	CARN017580	B. Arch.	5th.Y.B.ARCH	2015 Pattern	Construction Management	5201572	2019-20
34	CARN017580	B. Arch.	5th.Y.B.ARCH	2015 Pattern	Environment and Energy Management	5201572	2019-20
35	CARN017580	B. Arch.	5th.Y.B.ARCH	2015 Pattern	Architectural Design Management	5201572	2019-20





MVPS's College of Architecture

Udhaji Maratha Boarding Campus, off Gangapur Road, Nashik

Phone : 0253-2570822. Email : cansnashik@mvp.edu.in

1.2.1 List of Electives Courses in the Syllabus of 2019 Pattern

1	CARN017580	B. Arch.	3rd. Y.B.ARCH	2019 Pattern	Elective-I - Contemporary Architecture	3201940	2021-22
2	CARN017580	B. Arch.	3rd. Y.B.ARCH	2019 Pattern	Elective-II	3201949	2021-22
3	CARN017580	B. Arch.	4th. Y.B.ARCH	2019 Pattern	Elective-III	4201957	2022-23
4	CARN017580	B. Arch.	4th. Y.B.ARCH	2019 Pattern	Elective-IV	4201963	2022-23
5	CARN017580	B. Arch.	4th. Y.B.ARCH	2019 Pattern	Elective-V	4201964	2022-23
6	CARN017580	B. Arch.	5th. Y.B.ARCH	2019 Pattern	Elective-VI	5201970	2023-24





M.V.P.S's College of Architecture, Nashik
Udhaji Maratha Boarding Campus, off Gangapur Road, Nashik
Phone : 0253-2570822. Email : mvpcans_nsk@yahoo.co.in

1.2.1

Percentage of Programmes in which Choice Based Credit System (CBCS)/ Elective course system has been implemented

(AY 2020-2021 to AY 2016-2017)

C) Course Structure of program indicating Electives courses and its details

1. B. Arch Syllabus indicating elective courses Details-

- 2008 Syllabus Pattern
- 2015 Syllabus Pattern
- 2019 Syllabus Pattern



UNIVERSITY OF PUNE

SYLLABUS

FOR

**Five years Degree Course
of
BACHELOR OF ARCHITECTURE
And
BACHELOR OF ARCHITECTURE
(INTERIOR DESIGN)**

And

**Three Years Degree Course
of
BACHELOR OF BUILDING SCIENCES
(Stage I of B.Arch.)**

(to be implemented from 2008-09)

FACULTY OF ENGINEERING

BOARD OF STUDIES IN ARCHITECTURE



BOARD OF STUDIES IN ARCHITECTURE

FOURTH YEAR B.ARCH.

Sr. No.	Subject Code	Name of Subject	Head	Teaching Scheme			Examination Scheme		
				Lecture Periods	Studio Periods	Total Periods	Term I Marks	Term II Marks	Total Marks
1	413421	Architectural Design IV	SV	2	10	12	300	300	600
2	413422	Adv. Bldg. Tech. & Services	Theory	2	5	7	150	150	300
3	413423	Design & Tech. Elective	SS	1	1	2	50	50	100
4	413424	Quantity Surveying and Est.	SS	1	3	4	50	50	100
5	413425	Quantity Surveying and Est.	Theory				--	100	100
6	413426	Specification Writing	SS	2	--	2	50	50	100
7	413427	Specification Writing	Theory				--	100	100
8	413428	Town Planning	SS	1	3	4	50	50	100
9	413429	Town Planning	Theory				--	100	100
10	413430	Professional Practice	SS	2	--	2	50	50	100
11	413431	Professional Practice	Theory				--	100	100
12	413432	Dissertation & Architectural Project Part I	SS	1	2	3	100	100	200
		TOTAL		12	24	36	800	1200	2000



4. Building Construction illustrated by CHING FRANCIS D. K.
5. Elementary Building Construction by MITCHELL
6. Structure and Fabric by EVERET

To study building materials

1. National Building Code and I.S.I. Specifications
2. Materials and Finishes by EVERET
3. A to Z Building Materials in Architecture by HORNBOSTLE

Subject Code : 413423 DESIGN & TECHNOLOGY ELECTIVE (Sessional)			
Teaching Scheme		Examination Scheme	
Lecture Periods per week	1	Term I and Term II Sessional (Internal) Sessional (External) Viva	25 marks (for each term) 25 marks (for each term) nil
Studio Periods per week	1	Total sessional marks for both terms	100 marks
Total Contact Periods per week	2	Paper	nil
		Total Marks	100 marks

AIMS AND OBJECTIVE

The subject of Electives has been introduced in the syllabus with the specific intention of in depth study of a particular subject of a student's liking in greater detail but in the larger context of overall scope of Architecture syllabus at undergraduate level. This will give students an opportunity to develop their skills in a subject they may opt, to make their career in future. Architectural practice is a team effort in which persons of different skills in varied fields are required such as concept developers, technical / working drawing experts, specification writers, quantity surveyors, project managers, contract managers, interior designers, architectural photographers, architectural Journalists, signage and graphic designers, energy consultants, building services consultants, marketing managers etc. In depth study in Electives will prepare the technical base of the students. Since the Architectural Projects in future are going to be very complex, the need of support staff in Architectural Practice will be fulfilled and the student's skills and talent will be effectively used.

The Colleges will have the opportunity to focus upon a particular group of Design and Technology electives depending upon the overall philosophy and mission statement of the College. Individual colleges may offer topics depending upon the availability of experts and resource material.

COURSE OUTLINE TERM I: The probable Design Elective topics are as follows :

1. Interior Design
2. Industrial and Product Design
3. Urban Design
4. Advanced Landscape Design
5. Housing
6. Set Design
7. Special Facilities Planning
8. Sustainable Development and Architecture
9. Barrier free Environment and Design



10. Urban and Rural Planning
11. Infrastructure Planning
12. Advanced Computing in Architecture
13. Climate responsive Architecture
14. Mathematics and Science in Design
15. Theory of Architecture.

DETAILED SYLLABUS

Sustainable Development and Architecture

- ☐ Philosophy of Sustainability, management and design aspects
- ☐ Management in terms of resource and conservation management, anti-pollution measures, Water / waste management etc.
- ☐ Design aspect in terms of designing the structures, such as solar passive, passive, energy efficient, cost-effective, eco friendly designing
- ☐ Studying other forms of energy and their applications like Tidal / hydal / wind / biotic.
- ☐ Studying environmentally sustainable technologies, construction techniques, and use of materials.
- ☐ Studying environment related broader topics and issues like river-beds, environmental pollution etc.

Barrier free environment and design

- ☐ Types of disabilities and its implications in Architecture, barrier free environment, access- provisions to facilities and amenities.
- ☐ Special design considerations in residential buildings, congregational buildings like auditoriums, theatres, stadias, transport terminals etc, Institutional buildings, outdoor appurtenances, garden – parks etc.
- ☐ Study of norms set by Central Government.

Natural Disaster resistant architecture

- ☐ Types of disasters like earthquake, fire, floods, cyclones, Tsunami and its effects on Architecture.
- ☐ Study of geological structure and its deformation, study of behavior of the structure in such disasters, Measure to counteract destabilizing forces, design aspects and considerations for various types of buildings especially the residential, congregational and institutional buildings.

Urban and Rural Planning

- ☐ Introduction to hierarchy of planning – levels and their impact on architecture and architectural profession, understanding the interrelation between urban planning and architecture in terms of FSI, Ground Cover page, density and urban form.
- ☐ Comprehensive plan of action for reducing inter-regional and intra-regional disparities. Introduction to Regional plans, Master plans, Zonal plans, town planning schemes and urban design schemes. Special requirements for rural planning.

Infrastructure Planning

- ☐ Need for infrastructure planning. Introduction to types and design of infrastructure requirements for large scale architectural projects like drainage, water supply, storm transport facilities, provision of amenities, security systems, remote control systems, telecommunication system etc.

Advanced Computing in Architecture

- ☐ Software customization – developing expert system for parametric design using languages such as Visual Basic, Auto Lisp etc. Developing plug-ins for programs like 3D, Studio Max etc.
- ☐ Expert software which can either be a part of the main software or a third party software for tasks like working of quantities making atomization for typical drawings such as municipal / centerline plans etc.
- ☐ Advanced 3D modeling with the use of animated maps, Special effects plug-ins, advanced lighting, animations etc.



- ☐ Exploring the use of Internet for architectural data exchange and development of web-based solutions for the same (eg. Web page designing).

- ☐ Virtual Reality

- ☐ Intelligent building and design

- ☐ Understanding / Exploring softwares like ideas, Catia ProE

Used for designing complicated structures like the Bibau Museum in Spain or most of the buildings of Frank Gehry.

Special Facilities Planning in Hotels and Hospitals

- ☐ Fumigation

- ☐ A/c for rooms, lobbies, lounges, OT

- ☐ Central gas / suction supply

- ☐ Electrification for various spaces and gadgets like defibrillator, CT scan, radiology, MRI etc.

- ☐ Water management with incinerator etc.

- ☐ Laundry

- ☐ Hot water, Boiler, Solar

- ☐ Emergency lighting

- ☐ Food management / movement / kitchen layouts / stores / eating places.

- ☐ Service floor

- ☐ Channeled music

Large span structures like Multiplex, Auditorium, Railway stations, covered studio, airport terminal, hangers etc.

- ☐ Structural systems

- ☐ Light and ventilation

- ☐ Seating

- ☐ Crisis planning routes during emergency

- ☐ Surface finishes

- ☐ Rain water disposal

- ☐ Luggage movement

- ☐ Parking

- ☐ Telecommunication and security systems.

COURSE OUTLINE TERM II The probable Technology Elective topics are as follows :

1. Modular Planning and System Building Construction
2. Non-Conventional Technologies
3. Rural (Vernacular) Architecture.
4. Energy Efficient and Eco Friendly Construction
5. Earthquake Resistant Construction
6. Smart and Intelligent Buildings
7. Building Performance Analysis and Appraisal
8. Structure and Form in Architecture.

Detailed syllabus given above is indicative only. Detail syllabus for all Elective Topics can be finalized, considering the time and marks allotted to the subject, by individual College in consultation with expert faculty and can be implemented after approval by the board of studies.

SUBMISSION DETAILS :



The students are expected to study the selected topic in depth, including the basic principles, and their application in built projects by undertaking case studies, necessary site visits, and collecting all the relevant information to make it an exhaustive study and present it in a well documented format having A-3 / A-4 size papers property filed in a file with a signed certificate from concerned Teacher / Expert stating that the study was carried out under his guidance and countersigned by the Principal / Academic Co-ordinator.

Subject Code : 413424 QUANTITY SURVEYING & ESTIMATING (Sessional)			
Subject Code : 413425 QUANTITY SURVEYING & ESTIMATING (Paper)			
Teaching Scheme		Examination Scheme	
Lecture Periods per week	1	Term I and Term II Sessional (Internal) Sessional (External) Viva	25 marks (for each term) 25 marks (for each term) nil
Studio Periods per week	3	Total sessional marks for both terms	100 marks
Total Contact Periods per week	4	Paper	100 marks
		Total Marks	200 marks

OBJECTIVES :

1. To train students in computing quantities of various building items for simple load bearing structures and acquaint them with various types of estimates including mode of measurements as adopted by I. S. 1200.
2. To train students in computing quantities of various building items of R.C.C. framed structure, steel structure, building services such as water supply, sanitation and drainage, electrical installations and acquainting them with rates of various building items.

COURSE OUTLINE

1. Introduction to the definition, aim and scope of "Quantity Computation"
2. Study of different types of estimates
3. Study of mode of measurements as stipulated in I. S. 1200
4. Methods of computing quantities for load bearing types of structure and preparing abstract and bills of quantities including units of measurements.
5. Computing quantities of various building items for r.c.c. framed structure, steel structure and building services such as plumbing and water supply. Preparing of quantities for estimation and tendering purposes.
6. Study of composition of rates of various building items, percentage distribution in the rates of materials, labour, tools and plant, contractor's profits and overheads etc.
7. Analysis of rates of main items of building work with reference to prevalent market rates of materials and labour wages.
8. Preparation of indent of various building materials for r.c.c. framed structure.
9. Measurements of completed items for payment to contractor's interim and final certificate.
10. Introduction to use of computer for computation of quantities of various building items.

SESSIONAL ASSIGNMENTS

Hand written Computation and Bills of Quantities shall be prepared of following :

1. Load bearing structure of total plinth area between 15 to 25 sq. mts.



FIFTH YEAR B.ARCH.

Sr. No.	Subject Code	Name of Subject	Head	Teaching Scheme			Examination Scheme		
				Lecture Periods	Studio Periods	Total Periods	Term I Marks	Term II Marks	Total Marks
1	513421	Practical Training	SV	--	--	--	100	--	100
2	513422	Architectural Project Part II	SV	2	10	12	--	400	400
3	513423	Management Elective	SS	1	1	2	--	50	50
4	513424	Allied Elective	SS	1	1	2	--	50	50
		TOTAL		4	12	16	100	500	600



Teaching Scheme		Examination Scheme	
Lecture Periods per week	1	Term II	25 marks (for Term II)
		Sessional (Internal)	
Studio Periods per week	1	Sessional (External)	25 marks (for Term II)
		Viva	nil
		Total sessional marks for both terms	50 marks
Total Contact Periods per week	2	Paper	nil
		Total Marks	50 marks

AIMS AND OBJECTIVE

The subject of Electives has been introduced in syllabus with specific intention of in depth study of a particular subject of student's liking in greater detail but in the larger context of overall scope of Architecture syllabus at undergraduate level. This will give students an opportunity to develop their skills in a subject they may opt, to make their career in future. Architectural practice is a team effort in which persons of different skills in varied fields are required such as Concept Developers, Technical / Working Drawing Experts, Specification Writers, Quantity Surveyors, Project Managers, Contract Managers, Interior Designers, Architectural Photographers, Architectural Journalists, Signage and Graphic Designers, Energy Consultants, Building Services Consultants, Making Managers etc. In depth study in Electives will prepare the technical base of the students. Since the Architectural Projects in future are going to be very complex, the vital need of support staff in Architectural Practice will be fulfilled and the student's skills and talent will be effectively used.

COURSE OUTLINE

Individual College may offer topics depending upon the availability of experts and resource material. The Colleges will have the opportunity to focus on particular group of topics according to overall philosophy and mission statement of the College. The probable management elective topics are as follows :

1. Project Management.
2. Energy management.
3. Architectural legalities.
4. Architect's office management.
5. Disaster management.
6. Risk management.
7. Entrepreneurship Development and Total Quality management.
8. Information Technology in Architectural profession.
9. Financial Management and Budgeting

SUBMISSION DETAILS :

The students are expected to study the selected topic in depth, including the basic principles, and their application in built projects by undertaking case studies, necessary site visits, and collecting all the relevant information to make it an exhaustive study and present it in a well documented format having A-3 / A-4 size papers properly filed with a signed certificate from concerned Teacher / Expert stating that the study was carried out under his guidance and countersigned by the Principal / Academic Co-ordinator.



Teaching Scheme		Examination Scheme	
Lecture Periods per week	1	Term II	
		Sessional (Internal)	25 marks (for Term II)
		Sessional (External)	25 marks (for Term II)
Studio Periods per week	1	Viva	nil
		Total sessional marks for both terms	50 marks
Total Contact Periods per week	2	Paper	nil
		Total Marks	50 marks

AIMS AND OBJECTIVE

The subject of Electives has been introduced in syllabus with specific intention of in depth study of a particular subject of student's liking in greater detail but in the larger context of overall scope of Architecture syllabus at undergraduate level. This will give students an opportunity to develop their skills in a subject they may opt, to make their career in future. Architectural practice is a team effort in which persons of different skills in varied fields are required such as Concept Developers, Technical / Working Drawing Experts, Specification Writers, Quantity Surveyors, Project Managers, Contract Managers, Interior Designers, Architectural Photographers, Architectural Journalists, Signage and Graphic Designers, Energy Consultants, Building Services Consultants, Making Managers etc. In depth study in Electives will prepare the technical base of the students. Since the Architectural Projects in future are going to be very complex, the vital need of support staff in Architectural Practice will be fulfilled and the student's skills and talent will be effectively used.

COURSE OUTLINE

Following is a list of topics from which individual Colleges may offer few topics depending upon the availability of experts and resource material. The Colleges will have the opportunity to focus on particular group of Electives such as Design, Technology, Management or Allied group, according to overall philosophy and mission statement of the College. The probable Allied Elective topics are as follows :

- | | |
|--------------------------------|-------------------------------|
| 1. Visual Communication | 2. Fine Arts and Graphics |
| | Advanced Computer |
| 3. Architectural Journalism | 4. Graphics |
| 5. Architectural Conservation | 6. Photography |
| 7. Applied Psychology in Arch. | 8. Applied Sociology in Arch. |
| Housing Finance and Building | |
| 9. Economics | |

SUBMISSION DETAILS :

The students are expected to study the selected topic in depth, including the basic principles, and their application in built projects by undertaking case studies, necessary site visits, and collecting all the relevant information to make it an exhaustive study and present it in a well documented format having A-3 / A-4 size papers properly filed with a signed certificate from concerned Teacher / Expert stating that the study was carried out under his guidance and countersigned by the Principal / Academic Co-ordinator.



SAVITRIBAI PHULE PUNE UNIVERSITY

COURSE STRUCTURE

FIVE YEAR DEGREE COURSE IN ARCHITECTURE

[B.ARCH.]

TO BE IMPLEMENTED FROM 2015-16

BOARD OF STUDIES IN ARCHITECTURE

FACULTY OF ENGINEERING



THIRD YEAR B.ARCH. SEM. VI

Code	Subject	Teaching Scheme Periods/Week		Examination Scheme				Total Marks	Credits
		Lecture	Studio	In Semester	Sessional	Oral	End Semester		
3201544	Design VI (SV)	3	8	--	200	50		350	7
3201545	Design VI (PP)			--	--	--	100		
3201546	Building Technology & Materials VI(SV)	3	4	30			70	200	5
3201547	Building Technology & Materials VI (PP)				50	50			
3201548	Theory of Structures VI	1	2	30			70	100	2
3201549	Landscape Architecture II	1	3		50			50	2
3201550	Building Services IV(SS)	2	2		50			150	3
3201551	Building Services IV (PP)			30			70		
3201552	Contemporary Arch Seminar	1	3	--	50	--	--	50	3
3201553	Elective I	1	2		50			50	2
		12	24					950	24

FOURTH YEAR B.ARCH. SEM. VII

Code	Subject	Teaching Scheme Periods/Week		Examination Scheme				Total Marks	Credits
		Lecture	Studio	In Semester	Sessional	Oral	End Semester		
4201554	Design VII	3	9		200	50		250	8
4201555	Advanced Building Technology and Services I	3	4		150	50		200	5
4201556	Professional Practice I	1	2	30			70	100	2
4201557	Urban Studies I	1	2		50			50	2
4201558	Research in Architecture I	1	2		50			50	2
4201559	Quantity Surveying and Estimation I	1	2	30			70	100	2
4201560	Specification Writing I	1	2	30			70	100	2
4201561	Elective II	1	1		50			50	1
		12	24					900	24



FOURTH YEAR B.ARCH. SEM. VIII

Code	Subject	Teaching Scheme Periods/Week		Examination Scheme				Total Marks	Credits
		Lecture	Studio	In Semester	Sessional	Oral	End Semester		
4201562	Design VIII	3	9		200	50		250	8
4201563	Advanced Building Technology and Services II	3	4		150	50		200	5
4201564	Professional Practice II	1	2	30			70	100	2
4201565	Urban Studies II	1	2		50			50	2
4201566	Research in Architecture II	1	2		50			50	2
4201567	Quantity Surveying and Estimation II	1	2	30			70	100	2
4201568	Specification Writing II	1	2	30			70	100	2
4201569	Elective III	1	1		50			50	1
		12	24					900	24

FIFTH YEAR B.ARCH. SEM. IX

Code	Subject	Teaching Scheme Periods/Week		Examination Scheme				Total Marks	Credits
		Lecture	Studio	In Semester	Sessional	Oral	End Semester		
5201570	Practical Training	--	--	--	150	50	--	200	8
		--						200	8

FIFTH YEAR B.ARCH. SEM. X

Code	Subject	Teaching Scheme Periods/Week		Examination Scheme				Total Marks	Credits
		Lecture	Studio	In Semester	Sessional	Oral	End Semester		
5201571	Architectural Design Project	4	16	--	350	100	--	450	12
5201572	Elective IV	1	2		50			50	2
		5	18					500	14



SESSIONAL WORK:

Each student to write a paper of about 1500-2000 words critically discussing or deliberating the current phenomenon in architecture especially related to its production and appreciation. Preferably paper should be focusing on local and regional issues in architecture. This paper to be presented at the end of the semester orally with the help of computer media as required.

Students should be encouraged to write this paper manually and to follow the formalities of writing a paper in terms of references and acknowledgements.

Students should be assessed primarily for the identification of issues, ability to take position and development of an architectural argument.

REFERENCE BOOKS

1. Hays, K. Michael. *Architecture Theory since 1968 (2000)*. MIT Press., Oct 1997, Feb. 2000.
2. Buchanan, Peter. "The Big Rethink". *The Architectural Review (AR)*, (Articles – December 2011, January to May 2012, July – September 2012, November 2012)
3. Leach, Neil. *Anaesthetics of Architecture*, MIT Press, 1999
4. Plasmas, Juhani. *The Eyes of the Skin: Architecture and the Senses*. Academy Press, 2 edition, 2005
5. Correa, Charles. *A Place in the Shade: The New Landscape and Other Essays*. Penguin Books India, 2010.
6. Mehrotra, Rahul. *Architecture In India: Since 1990*. Pictor Publishing, 2007.

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

ELECTIVE I – INTERIOR DESIGN			
Subject Code		3201553(SS)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week (lectures=1,Studio=2)	03	Sessional (Internal)	25
		Sessional(External)	25
		Viva	NIL
		In-semester exam	nil
		End Semester exam	nil
		Total Marks	50
		Total Credits	2

COURSE OBJECTIVES:

- To enable students to comprehend relationship between Architecture and Interior Design as a Space making disciplines.
- To evolve understanding about thoughtful design of interior spaces & how it can increase efficiency and add depth and meaning to the built environment.
- To enable students to comprehend the connection that the subject of Interior design has with other Design Disciplines like Conservation, Preservation, Restoration, Sustainability, Art ,Product design and Graphic design.



COURSE OUTLINE:

Individual College may offer topics depending upon the availability of experts and resource material. The colleges will have the opportunity to focus on a particular group of topics according to the overall philosophy and mission statement of the College. The probable Interior Design elective topics are – [the list is only suggestive and individual colleges can frame newer topics which meet the course objectives].

- Exhibition Design
- Set Design
- Commercial & Office Space Design
- Residential Interiors
- Specialized interiors – Hospitals, Laboratories, Auditoriums, Gymnasiums.
- Furniture Design
- Product Design
- Graphic Design
- Retrofitting of Buildings

SESSIONAL WORK:

The faculty is expected to set out the broad contour and sub aspects (including basic principles, case studies, application in building projects etc.) of the particular elective and conduct input and demonstration interactions and define the nature of the sessional work to be done by the students.

The students are expected to present the work done in an **A4 report format of 20 pages**, to include summary of interactions and sessional work prescribed by the faculty with a signed certificate from the concerned Teacher / Expert stating that the study was carried out under his / her guidance and countersigned by the Principal / Academic coordinator.



ELECTIVE II - DESIGN & TECHNOLOGY ELECTIVE			
Subject Code		4201561(SS)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week= 2 (lectures=1, Studio=1)	2	Sessional (Internal)	25
		Sessional (External)	25
		Viva (Internal)	NIL
		Viva (External)	NIL
		In-semester exam	nil
		End Semester exam	nil
		Total Marks	50
		Total Credits	1

COURSE OBJECTIVES:

The subject of Electives has been introduced in syllabus with specific intention of study of a particular subject of student's liking in greater detail but in the larger context of overall scope of Architecture syllabus at undergraduate level. This will give students an opportunity to develop their skills in a subject they may opt, to make their career in future.

The Design and technology elective aims at exploring the recent developments in the field of architecture from point of view of building design, services and construction. Aspects such as disaster resistance, accessibility, retrofitting, conservation, architectural design theory, can be addressed through these electives.

DRAFT SYLLABUS FOR APPROVAL OF FACULTY

COURSE OUTLINE:

Individual College may offer topics depending upon the availability of experts and resource material. The colleges will have the opportunity to focus on a particular group of topics according to the overall philosophy and mission statement of the College. The probable elective topics are – [the list is only suggestive and individual colleges can frame newer topics which meet the course objectives].

- Universal Design
- Seismic Resistance design
- Services in High rise buildings.
- Design theory
- Architectural Conservation
- Computer & design
- Modular design
- Prefabricated & Precast construction
- Advanced Landscape Design

Note : The topics selected in this elective should not focus on any of the aspects of interior design.

SESSIONAL WORK:

The faculty is expected to set out the broad contour and sub aspects of the particular elective and conduct input and demonstration interactions and define the nature of the sessional work to be done by the students.



The students are expected to present the work done in an **A4 report format of 20 pages**, to include summary of interactions and sessional work prescribed by the faculty with a signed certificate from the concerned Teacher / Expert stating that the study was carried out under his /her guidance and countersigned by the Principal / Academic coordinator.

DRAFT SYLLABUS FOR APPROVAL OF FACULTY



Unit III: Building Trades

- 3.1. Different Building trades scope & contents

Unit IV: Broad outline specification for service installations

- 4.4. Communication systems- elevators, escalators
4.5. Accessibility- arrangements for disabled persons
4.6. Water proofing- cement, bitumen, polymer based
4.7. External development- roads, pavements, kerbs, lighting

REFERENCE BOOKS

- Indian Standard specifications
- C.P.W.D. Specifications and schedule of rates
- Specification Writing for Architects & Engineers, By Donald A. Watson
- Specification Writing for Architects & Surveyors, By Arthur J. Wills
- Estimating, Costing, Specification & Valuation, By M. Chakraborty

ELECTIVE III – ALLIED ELECTIVE			
Subject Code		4201569 (SS)	
Teaching Scheme		Examination Scheme	
Total Contact Periods per week= 2 (lectures=1, Studio=1)	2	Sessional (Internal)	25
		Sessional (External)	25
		Viva (Internal)	NIL
		Viva (External)	NIL
		In-semester exam	nil
		End Semester exam	nil
		Total Marks	50
		Total Credits	1

COURSE OBJECTIVES:

The subject of Electives has been introduced in syllabus with specific intention of study of a particular subject of student's liking in greater detail but in the larger context of overall scope of Architecture syllabus at undergraduate level. This will give students an opportunity to develop their skills in a subject they may opt, to make their career in future.

The allied elective gives opportunity to the students to explore links of design as a faculty with allied fields such as social sciences, visual art, performing arts, psychology, etc.

COURSE OUTLINE:

Individual College may offer topics depending upon the availability of experts and resource material. The colleges will have the opportunity to focus on a particular group of topics according to the overall philosophy and mission statement of the College. The probable elective topics are – [the list



is only suggestive and individual colleges can frame newer topics which meet the course objectives].

- Music and Architecture
- Environmental psychology
- Art movements and Architecture
- Sociology and Architecture
- Building Economics
- Biomimicry

SESSIONAL WORK:

The faculty is expected to set out the broad contour and sub aspects of the particular elective and conduct input and demonstration interactions and define the nature of the sessional work to be done by the students.

The students are expected to present the work done in an **A4 report format of 20 pages**, to include summary of interactions and sessional work prescribed by the faculty with a signed certificate from the concerned Teacher / Expert stating that the study was carried out under his /her guidance and countersigned by the Principal / Academic coordinator.

DRAFT SYLLABUS FOR APPROVAL OF FACULTY



Elective IV			
SubjectCode		5201572 (SS)	
TeachingScheme		ExaminationScheme	
TotalContact Periodsperweek (lectures=1, Studio=2)	3	Sessional(Internal)	25
		Sessional(External)	25
		Viva (Internal)	NIL
		Viva (External)	NIL
		In-semester exam	nil
		End Semester exam	nil
		TotalMarks	50
		Total Credits	2

COURSE OBJECTIVES:

The subject of Electives has been introduced in syllabus with specific intention of study of a particular subject of student's liking in greater detail but in the larger context of overall scope of Architecture syllabus at undergraduate level. This will give students an opportunity to develop their skills in a subject they may opt, to make their career in future.

Architecture professionals will have to deal with more and more complex buildings as well as organizational structures to realize a project. Architects need to be introduced to "Management Concepts" if they are to manage projects right from design stage through the documentation and construction stage. Acknowledging the fact that the Architectural Practice is a team effort and understanding the necessity of management in this field, the following elective topics have been suggested.

Note: This elective will not focus on design and technology aspects of the topics offered.

COURSE OUTLINE:

Individual College may offer topics depending upon the availability of experts and resource material. The colleges will have the opportunity to focus on a particular group of topics according to the overall philosophy and mission statement of the College. The probable management elective topics are as follows:

- Project Management
- Construction Management
- Environment and Energy management
- Architectural Design Management

SESSIONAL WORK:

The faculty is expected to set out the broad contour and sub aspects (including basic principles, case studies, application in building projects etc.) of the particular elective and conduct input and demonstration interactions and define the nature of the sessional work to be done by the students.

The students are expected to present the work done in an **A4 report format of 20 pages**, to include summary of interactions and sessional work prescribed by the faculty with a signed certificate from the concerned



Teacher / Expert stating that the study was carried out under his /her guidance and countersigned by the Principal / Academic coordinator.

Guidelines for content for the electives

Construction Management

Human Resource Management in Construction
Contracts and Claims Management
Construction Materials, Stores and Inventory Control and Technology Management
Construction Equipment Management
Construction Quality and Safety Management
Construction Site Administration and Control
Introduction to Computer applications for construction management

Project Management

Soft Skills in Project Management
Project Risk Management
Project Cost Estimation and Cost Control
Contracts and Claims Management
Project Procurement and Materials Management
Project Quality and Safety Management
Introduction to Computer Application in Contract Management

Environment and Energy Management

Environment and Energy Policies and Management in Indian Context
Environment Technology Management-Water and Waste Management Technologies
Energy Management in Buildings (Demand and Supply Management)
Building Management Systems

Architectural Design Management

Design Management
Drawing and Documentation Management
Computer Applications for Design Management

Architectural Design Project			
SubjectCode		5201571 (SV)	
TeachingScheme		ExaminationScheme	
TotalContact Periodsperweek=20 (lectures=4, Studio=16)	20	Sessional(Internal)	175
		Sessional(External)	175
		Viva (Internal)	50
		Viva (External)	50
		In-semester exam	nil
		End Semester exam	nil
		TotalMarks	450
		Total Credits	12



SAVITRIBAI PHULE PUNE UNIVERSITY

[Formerly the University of Pune]



COURSE STRUCTURE

FIVE YEAR DEGREE COURSE IN ARCHITECTURE

[B.ARCH.]

TO BE IMPLEMENTED FROM 2019-20

**BOARD OF STUDIES IN ARCHITECTURE
FACULTY OF SCIENCE AND TECHNOLOGY**



THIRD YEAR B.ARCH. SEMESTER V

Course Code	Course Title	L	S	T	Theory		Sessional and / Viva		Total Marks	Credits
					In Sem	End Sem	SS	SV		
3201935	Architectural Design IV	1	6	7				250	250	10
3201936	Building Construction & Materials V[P]	2		2	30	70			100	2
3201937	Building Construction & Materials V[SV]		3	3				100	100	4
3201938	Theory of Structures V	2		2	30	70			100	2
3201939	Landscape Architecture	1	3	4			100		100	3
3201940	Elective I [Contemporary Architecture]	1	2	3			100		100	2
3201941	Building Services III[P]	2	0	2	30	70			100	2
3201942	Building Services III[SS]	0	1	1			50		50	1
3201943	Working Drawing I	1	3	4			100		100	2
		10	18	28					1000	28
3201953	Audit Course									

THIRD YEAR B.ARCH. SEMESTER VI

Course Code	Course Title	L	S	T	Theory		Sessional and / Viva		Total Marks	Credits
					In Sem	End Sem	SS	SV		
3201944	Architectural Design V[SV]		5	5				250	250	8
3201945	Architectural Design V*[P]	2		2		100			100	2
3201946	Building Construction & Materials VI	2	3	5				150	150	6
3201947	Theory of Structures VI	2		2	30	70			100	2
3201948	Research In Architecture I	1	2	3			50		50	2
3201949	Elective II	1	3	4			100		100	3
3201950	Building Services IV[P]	2		2	30	70			100	2
3201951	Building Services IV[SS]		1	1			50		50	1
3201952	Working Drawing II	1	3	4			100		100	2
		11	17	28					1000	28
3201954	Audit Course									

*The Architectural Design V [Paper] will be of 12 hours duration spread over two days of 6 hours a day. The first day will be 6 hours without break. The second day will be 6 hours with a break after 3 hours.



FOURTH YEAR B.ARCH. SEMESTER VII

Course Code	Course Title	L	S	T	Theory		Sessional and / Viva		Total Marks	Credits
					In Sem	End Sem	SS	SV		
4201953	Architectural Design VI	1	7	8				300	300	11
4201954	Advanced Building Construction & Services I	1	2	3				150	150	4
4201955	Urban Studies I	2	2	4			100		100	3
4201956	Research In Architecture II	1	2	3			50		50	2
4201957	Elective III	1	2	3			50		50	2
4201958	Quantity Surveying & Specification Writing I	2	2	4	30	70			100	3
4201959	Professional Practice	2	1	3	30	70			100	3
		10	18	28					850	28
4201967	Audit Course									

FOURTH YEAR B.ARCH. SEMESTER VIII

Course Code	Course Title	L	S	T	Theory		Sessional and / Viva		Total Marks	Credits
					In Sem	End Sem	SS	SV		
4201960	Architectural Design VII	1	7	8				300	300	11
4201961	Advanced Building Construction & Services II	1	2	3				150	150	4
4201962	Urban Studies II	2	2	4			100		100	3
4201963	Elective IV	1	2	3			50		50	2
4201964	Elective V	1	2	3			50		50	2
4201965	Quantity Surveying & Specification Writing II	2	2	4	30	70			100	3
4201966	Project Management	2	1	3	30	70			100	3
		10	18	28					850	28
4201968	Audit Course									



FIFTH YEAR B.ARCH. SEMESTER IX

Course Code	Course Title	L	S	T	In Sem	End Sem	Sessional and / Viva		Total Marks	Credits
							SS	SV		
5201967	Practical Training							250	250	14

FIFTH YEAR B.ARCH. SEMESTER X

Course Code	Course Title	L	S	T	In Sem	End Sem	Sessional and / Viva		Total Marks	Credits
							SS	SV		
5201968	Architectural Design Project	3	10	13				550	550	18
5201969	Entrepreneurship Development	2	2	4			100		100	3
5201970	Elective VI*	1	3	4			100		100	3
		6	15	21						24

*Elective VI is preferably offered as an open elective. In case it is not possible to offer open elective colleges should offer any elective from the list of electives which the student has not undertaken earlier.



ANNEXURE B : LIST OF ELECTIVE COURSES.

Following are the broad streams and electives under them which can be offered in a college. A student can select any one elective from any stream for **electives II to V** each. A student may adhere to a particular stream of elective of his/her choice and **nurture his/her area of interest and develop his/her expertise**. However colleges have to ensure that the student does not repeat a particular elective.

Elective VI is preferably offered as an **open elective**. In case it is not possible to offer open elective colleges should offer any elective from the list of electives which the student has not undertaken earlier.

Codes for stream A	Stream A Art / Design	Codes for Stream B	Stream B Technology / Management	Codes for stream C	Stream C Social/Humanities/History
A1	Product Design	B1	Architecture using Glass	C1	Gender and Architecture
A2	Furniture Design	B2	Architecture using Steel	C2	Architecture of South Asia
A3	Interior Design	B3	Mud Architecture	C3	Architectural Anthropology
A4	Architectural Conservation	B4	Pre fabricated construction	C4	Vernacular Architecture
A5	Universal Design	B5	Pre stressed construction	C5	Culture and Design
A6	Advanced Landscape Design	B6	Disaster Mitigation and Management	C6	Sociology and Architecture
A7	Graphic Design	B7	Green Buildings and Rating Systems	C7	Colonial Architecture
A8	Architectural Photography	B8	Sustainable Cities and Communities	C8	Regional Architecture
A9	Art in Architecture	B9	Building Performance and Compliance	C9	Cultural Landscapes
A10	Theory of Design	B10	Appropriate Building Technologies	C10	Slum Rehabilitation
A11	Urban design	B11	Earthquake Resistant Architecture	C11	Basics of Archaeology
A12	Architectural	B12	Tensile Structures	C12	Introduction to Anthropology



Codes for stream A	Stream A Art / Design	Codes for Stream B	Stream B Technology / Management	Codes for stream C	Stream C Social/Humanities/History
	Journalism				
A13	Music and Space	B13	Facility Management	C13	Environmental Psychology
A14	Healthcare Design	B14	Geographic Information System	C14	Ekistics
A15	Hospitality Design	B15	Parametric modelling	C15	Ecology
A16	Industrial Buildings Design	B16	BIM (Building Information Modelling)	C16	Politics and Architecture
A17	Way finding and Navigation	B17	Introduction to Programming and Embedded Design for Architects	C17	Indology
A18	User experience design	B18	Intelligent Building Systems	C18	Affordable Housing



- One long duration site planning and landscape design project preferably the third year architectural design project. The outcome shall be landscape design drawings, concept generation, site studies, analysis along with constructional details and planting concepts.

REFERENCE BOOKS

- Mcharg, I, *Design with Nature*. John Wiley and co. 1978.
- Jellicoe, G and Jellicoe, S, *The Landscape of Man*, London: Thames and Hudson, 1991.
- Simonds, J. O, *Landscape Architecture: The Shaping of Man's Natural Environment*, N Y: McGraw Hill Book Co. Inc. 1961.
- Lynch, K, *Site Planning*, Cambridge: The MIT Press, 1962.
- Shaheer, M, Wahi Dua, G and Pal A (editors), *Landscape Architecture In India, A Reader: LA*, Journal of Landscape Architecture, 2013.
- Lyall, S, *Designing The New Landscape*: UK: Thames and Hudson, 1998.
- Dee, C, *Form And Fabric In Landscape Architecture: A Visual Introduction*, UK: Spon Press, 2001.
- Eckbo, G, *Urban Landscape Design*, N Y: McGraw hill co. 1961.
- Laurie, M, *An Introduction to Landscape Architecture*, N Y: American Elsevier Pub. Co. Inc. 1975
- Rutledge, A J. *A Visual Approach to Park Design*. New York: John Wiley and Sons, 1985.
- Randhawa, M S, *Flowering Trees*, New Delhi: National Book Trust, 1998.
- Bose, T K and Choudhary, K, *Tropical Garden Plants in Colour*, Horticulture and Allied Publishers, 1991.
- Krishen, P. *Trees of Delhi: A Field Guide*, Penguin India, 2006.
- Mukherjee, P, *Trees of India (WWF Natures Guide)*, Oxford, 2008.
- Sahni, K C, *The Book of Indian Trees (Bombay Natural History Society)*, Oxford, 1998.
- Krishna, N and Amrithalingam, M, *Sacred Plants of India*, Penguin Books Limited, 2014.
- Motloch, J. L, *Introduction to Landscape Design*, US: John Wiley and Sons, 2001.
- Dines, N and Harris, C, *Timesavers Standards for Landscape Architecture*, McGraw Hill Education, 1998.
- Reid, G, L, *Landscape Graphics*, Watson-Guption, 2002.
- Botkin, D. B and Keller, E. A, *Environmental Science: Earth As a Living Planet*, N Y: John Wiley And Co. 1995.
- Grosholz, E, *The Poetics of Landscape Architecture*, University of Pennsylvania Press, 2010.

ELECTIVE I [CONTEMPORARY ARCHITECTURE]			
Course Code		3201940 [SS]	
Teaching Scheme		Examination Scheme	
Total Contact Hours per week= (lectures=1, Studio=2, Total=3)		Sessional [CIA 50+EA 50]	100
		In-semester exam	NIL
		End Semester exam	NIL
		Total Marks	50
		Total Credits	02



Course Objectives:

- To analyze the contemporary trends/approaches in architectural production in terms of design, practices, its perception, appreciation and critical discourses.
- To critically reflect and comment on contemporary architecture across the world.

Course Outline:

- Unit 1 - Post-Modernism and other movements in Architecture since the second half of 20th century.
- Unit 2 - Post 2000 CE trends in architecture, various critical discourses and current architectural issues
- Unit 3 - Analysis and critical appraisal of Architecture across the world

Sessional Work:

- Book review / article / chapter of a book in 1000 words.
- Unit 3 should be a research essay of about 1500-2000 words on a topic selected by the student and accompanied by an oral presentation of 15 minutes duration and discussion.

Students should be encouraged to follow the formalities of writing a research essay. The submission has to be in hand written format.

Students should be assessed primarily for the identification of issues, ability to take position and development of an argument.

Course Specific Outcomes:

1. Application of the knowledge gained through the study of history of architecture to analyse contemporary architecture.
2. Development of individual view point and construction of an argument to put it across.
3. Skill of orally presenting a topic of choice, and generating a discussion.

REFERENCE BOOKS

- Buchanan, Peter. "The Big Rethink". The Architectural Review (AR), (Articles – December 2011, January to May 2012, July – September 2012, November 2012)
- Correa, Charles. A Place in the Shade: The New Landscape and Other Essays. Penguin Books India, 2010.
- Curtis, William J R. Modern Architecture since 1900. Phaidon, 2007.
- Frampton, Kenneth. Modern Architecture. Thames and Hudson, 1992.
- Hays, K. Michael. Architecture Theory since 1968 (2000). MIT Press., Oct 1997, Feb. 2000.
- Hertzberger, Herman. Lessons for Students in Architecture. 010 Publishers, 1973.
- Jencks, Charles. The New Paradigm in Architecture- The Language of Post-Modern Architecture. Yale University Press, 2002.
- Leach, Neil. Anaesthetics of Architecture, MIT Press, 1999
- Mehrotra, Rahul. Architecture in India: Since 1990. Pictor Publishing, 2007.
- Pallasma, Juhani. The Eyes of the Skin: Architecture and the Senses. Academy Press, 2 edition, 2005
- Smith, Koryden H. Introducing Architectural Theory. Routledge, 2012
- Unwin, Simon. Analysing Architecture. Routledge, 2002.
- Venturi, Robert. Complexity and Contradiction in Architecture. MOMA, 1966.
- Wigley, Mark. The Architecture of Deconstruction- Derrida's Haunt. MIT Press, 1993.

Building Services III

Course Code

3201941 [P] & 3201942 [SS]



—, *Visual Research Methods in Design*. USA: Van Nostrand Reinhold, 1991.

ELECTIVE II			
Course Code		3201949 [SS]	
Teaching Scheme		Examination Scheme	
TotalContact Hours per week= (lectures=1, Studio=3, Total=4)		Sessional [CIA 50+EA 50]	100
		In-semester exam	NIL
		End Semester exam	NIL
		TotalMarks	100
		Total Credits	03

Course Objectives:

To allow the students to study a subject of their interest and develop theoretical as well as practical understanding of the same. As mentioned in the course structure of 2019 pattern syllabus [Appendix B] a student may adhere to a particular stream of elective of his/her choice and *nurture his/her area of interest and develop his/her expertise*. However colleges have to ensure that the student does not repeat a particular elective.

Course Outline:

Colleges have to develop course outline for the elective they wish to offer such that theoretical as well practical aspects are covered linking them to the field of architecture. Apart from lectures delivered by the subject resource persons, self study in form of hands on workshop / field work/ review of literature / seminar or any suitable format of learning may be adopted.

Sessional Work:

The submission to be devised by the colleges in form suitable to the elective offered. The format could be [but not limited to] as following.

- Field study reports
- Mapping / documentation / photographic / videographic documentation
- Measured drawings
- Computer based assignments
- Tutorials

Course Specific Outcomes:

Building Services IV	
Course Code	3201950[P] & 3201951 [SS]
Teaching Scheme	Examination Scheme

