

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

## **Criterion VII**

## Institutional values and Best practices

Key Indicator 7.2
Best Practices



SHRI VASANTRAO BANDUJI PATIL TRUST'S

# APPASAHEB BIRNALE COLLEGE OF ARCHITECTURE, SANGLI

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

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

Principal: - Dr. Arundhati P WategavePh.D.

7.2.1 Describe two best practices successfully implemented by the institution as per the NAAC format provided.

# BEST PRACTICE 2 SWAYAM- NPTEL Online Certification Courses

## 1. Objectives of the Practice

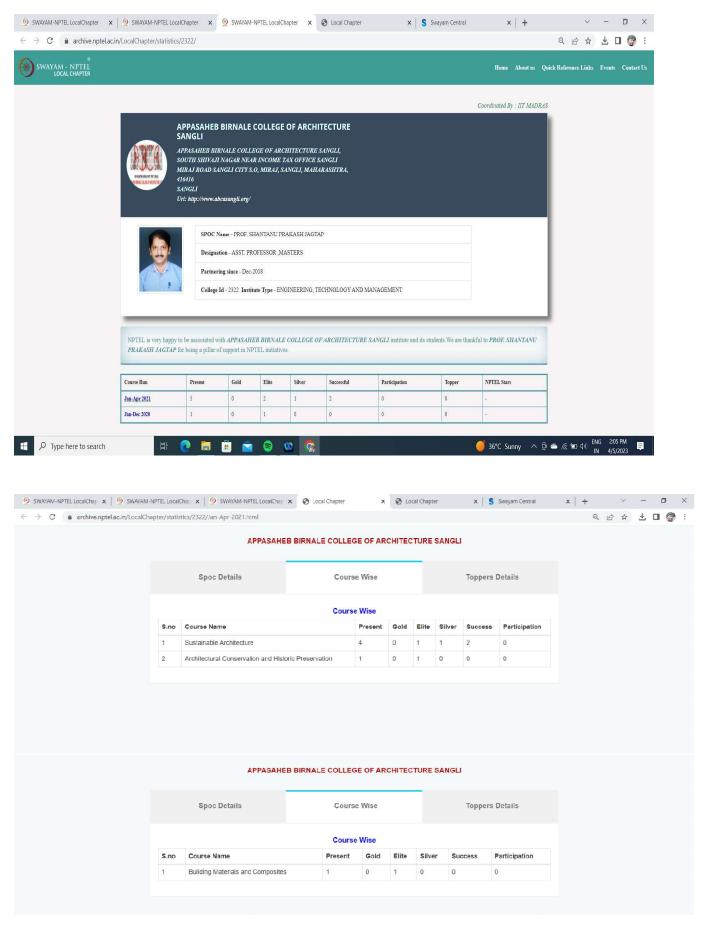
- To support students and faculty members in the process of strengthening their knowledge and career prospects by introducing trustworthy, cost effective, and flexible sources of online education.
- To enable faculty and students to gain advanced technological and subject knowledge through video lectures prepared by IITs and IISc and IIMs
- To encourage faculty and students to learn and to design value added courses on the lines of these courses.
- To promote continuous professional development through self-learning and life-long learning.
- To impart life skills, develop the personality and communication skills.

Reg. No.
2 NGP|
1093 | 2553
Ot. 13-8-1993

VC. PRINCIPAL,

APPASAHEB BIRNALE COLLEGE<sup>2</sup>

OF ARCHITECTURE, SANGLI.





# Appasaheb Birnale College of Architecture, Sangli (SWAYAM NPETL Courses Enrolled From 2017 – 2022)

Sr.N	Name of The Course	Duration	Number of Students	Link
			Enrolled	to
			to the	Supp
			course	ort
List	of NPTEL Architecture cou	ırses Enrolle	ed	
01	Urban Services Planning	03 weeks	01	https://archive.nptel.ac.in/courses/124/105/124105163/
02	Modern Indian Architecture	08 Weeks	01	https://archive.nptel.ac.in/courses/124/107/124107161/
03	International Studies in Vernacular Architecture	04 Weeks	01	https://archive.nptel.ac.in/courses/124/107/124107162 /
04	Engineering/Architectural Graphics – part II – Isometricand Axonometric Drawings	04 Weeks	01	https://archive.nptel.ac.in/courses/124/107/124107159/
05	Environmental Impact Assessment	12 Weeks	01	https://archive.nptel.ac.in/courses/124/107/124107160/
06	Urban utilities Planning: WaterSupply, Sanitation and Drainage	12 Weeks	02	https://archive.nptel.ac.in/courses/124/105/124105158/
07	Introduction to Urban Planning	08 Weeks	01	https://archive.nptel.ac.in/courses/124/107/124107158/
08	Strategies for Sustainable Design	12 Weeks	07	https://archive.nptel.ac.in/courses/124/106/124106157/
09	Engineering/Architectural Graphics _ part I _ Orthographic projection	08 Weeks	01	https://archive.nptel.ac.in/courses/124/107/124107157/
10	Building Materials and Composites	08 weeks	01	https://archive.nptel.ac.in/courses/124/105/124105013/
11	Environmental Soil Chemistry	12 Weeks	01	https://archive.nptel.ac.in/courses/124/105/124105014/
12	Structural System in Architecture	08 Weeks	01	https://archive.nptel.ac.in/courses/124/105/124105015/
13	Urban Land use and transportation planning	12 Weeks	02	https://archive.nptel.ac.in/courses/124/105/124105016/
14	Sustainable Architecture	12 Weeks	03	https://archive.nptel.ac.in/courses/124/107/124107011/
15	Structure, Form and Architecture : The Synergy	08 Weeks	01	https://archive.nptel.ac.in/courses/124/107/124107012/
16	Disaster Recovery And Build Back Better	08 Weeks	01	https://archive.nptel.ac.in/courses/124/107/124107010/
17	Introduction to History of Architecture in India	04 Weeks	01	https://archive.nptel.ac.in/courses/124/106/124106009/
18	Urban governance and Development Management (UGDM)	12 Weeks	01	https://archive.nptel.ac.in/courses/124/107/124107007/

19				
	User Interface Design	12 Weeks	01	https://archive.nptel.ac.in/courses/124/107/124107008/
20	Culturally Responsive Built Environments	08 Weeks	01	https://archive.nptel.ac.in/courses/124/107/124107004/
21	Contemporary Architecture	08 Weeks	10	https://archive.nptel.ac.in/cou
<b>Z</b>	and Design	Uo Weeks	10	rses/124/107/124107005/
22	Role of Craft and	08 Weeks	03	https://archive.nptel.ac.in/cou
22	Technology in Interior - Architecture	00 Weeks	03	rses/124/107/124107006/
23	Architectural Acoustics	08 Weeks	04	https://archive.nptel.ac.in/cou
	, ii cinicectarar / teodocieo	oo weeks	0.	rses/124/105/124105004/
24	Architectural Conservation	08 Weeks	01	https://archive.nptel.ac.in/cou
	And Historic Preservation			rses/124/105/124105003/
25	Landscape Architecture	08 Weeks	01	https://archive.nptel.ac.in/cou
	and Site Planning - Basic Fundamentals			rses/124/105/124105001/
26	Visual Communication	04 Weeks	01	https://archive.nptel.ac.in/cou
	Designfor Digital Media			rses/124/107/124107002/
27	Housing Policy & Planning	08 Weeks	01	https://archive.nptel.ac.in/cou
2/	nousing Policy & Planning	us weeks	01	
				rses/124/107/124107001/
28	Research Methodology	12 Weeks	01	https://archive.nptel.ac.in/cou
				rses/127/106/127106227/
29	Advanced computer	12 Weeks	01	https://archive.nptel.ac.in/cou
	architecture			rses/106/102/106102229/
Enr	t of NPTEL multidisciplinary		0.1	https://archivo.pptol.ac.in/cou
		v courses  08 Weeks	01	https://archive.nptel.ac.in/courses/102/106/102106057/
Enr	olled		01	rses/102/106/102106057/ https://archive.nptel.ac.in/cou
<b>Enr</b> 30 31	Medical Biomaterials  Medicinal Chemistry	08 Weeks 12 weeks	01	rses/102/106/102106057/ https://archive.nptel.ac.in/courses/104/106/104106106/
<b>Enr</b> 30 31	Medical Biomaterials	08 Weeks 12 weeks		rses/102/106/102106057/ https://archive.nptel.ac.in/courses/104/106/104106106/ https://archive.nptel.ac.in/cou
<b>Enr</b> 30 31 32	Medical Biomaterials  Medicinal Chemistry  Entrepreneurship Essentials	08 Weeks 12 weeks 12 Weeks	01	rses/102/106/102106057/ https://archive.nptel.ac.in/courses/104/106/104106106/ https://archive.nptel.ac.in/courses/127/105/127105007/
30 31 32 33	Medical Biomaterials  Medicinal Chemistry  Entrepreneurship Essentials  Basic Course in Omit ology	08 Weeks 12 weeks 12 Weeks 04 Weeks	01 01 01	rses/102/106/102106057/ https://archive.nptel.ac.in/courses/104/106/104106106/ https://archive.nptel.ac.in/courses/127/105/127105007/ https://archive.nptel.ac.in/courses/124/107/124107002/
Enr 30 31 32	Medical Biomaterials  Medicinal Chemistry  Entrepreneurship Essentials	08 Weeks 12 weeks 12 Weeks	01	rses/102/106/102106057/ https://archive.nptel.ac.in/courses/104/106/104106106/ https://archive.nptel.ac.in/courses/127/105/127105007/ https://archive.nptel.ac.in/courses//archive.nptel.ac.in
80 31 32 33 34	Medical Biomaterials  Medicinal Chemistry  Entrepreneurship Essentials  Basic Course in Omit ology  Principles & Application of	08 Weeks 12 weeks 12 Weeks 04 Weeks	01 01 01	rses/102/106/102106057/ https://archive.nptel.ac.in/courses/104/106/104106106/ https://archive.nptel.ac.in/courses/127/105/127105007/ https://archive.nptel.ac.in/courses/124/107/124107002/ https://archive.nptel.ac.in/courses/124/107/124107005/
80 31 32 33 34	Medical Biomaterials  Medicinal Chemistry  Entrepreneurship Essentials  Basic Course in Omit ology  Principles & Application of Building Science	08 Weeks 12 weeks 12 Weeks 04 Weeks 04 Weeks	01 01 01 06	rses/102/106/102106057/ https://archive.nptel.ac.in/courses/104/106/104106106/ https://archive.nptel.ac.in/courses/127/105/127105007/ https://archive.nptel.ac.in/courses/124/107/124107002/ https://archive.nptel.ac.in/courses/124/107/124107005/
81 32 33 34	Medical Biomaterials  Medicinal Chemistry  Entrepreneurship Essentials  Basic Course in Omit ology  Principles & Application of Building Science	08 Weeks 12 weeks 12 Weeks 04 Weeks 04 Weeks	01 01 01 06	rses/102/106/102106057/ https://archive.nptel.ac.in/courses/104/106/104106106/ https://archive.nptel.ac.in/courses/127/105/127105007/ https://archive.nptel.ac.in/courses/124/107/124107002/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/110/104/110104073/ https://archive.nptel.ac.in/courses//ar
81 32 33 34 35	Medical Biomaterials  Medicinal Chemistry  Entrepreneurship Essentials  Basic Course in Omit ology  Principles & Application of Building Science  Project Management	08 Weeks 12 weeks 12 Weeks 04 Weeks 04 Weeks 08 Weeks	01 01 01 06 01	rses/102/106/102106057/ https://archive.nptel.ac.in/courses/104/106/104106106/ https://archive.nptel.ac.in/courses/127/105/127105007/ https://archive.nptel.ac.in/courses/124/107/124107002/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/110/104/110104073/ https://archive.nptel.ac.in/courses/102/104/102104073/ https://archive.nptel.ac.in/courses/102/104/102104073/ https://archive.nptel.ac.in/courses/102/104/102104073/
30 31 32 33 34 35 36	Medical Biomaterials  Medicinal Chemistry  Entrepreneurship Essentials  Basic Course in Omit ology  Principles & Application of Building Science  Project Management  Wild life Ecology  Ecology & Environment	08 Weeks 12 weeks 12 Weeks 04 Weeks 04 Weeks 08 Weeks 12 Weeks	01 01 01 06 01 01	rses/102/106/102106057/ https://archive.nptel.ac.in/courses/104/106/104106106/ https://archive.nptel.ac.in/courses/127/105/127105007/ https://archive.nptel.ac.in/courses/124/107/124107002/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/124/104/110104073/ https://archive.nptel.ac.in/courses/102/104/102104073/ https://archive.nptel.ac.in/courses/106/104/106104180/
<b>Enr</b> 30	Medical Biomaterials  Medicinal Chemistry  Entrepreneurship Essentials  Basic Course in Omit ology  Principles & Application of Building Science  Project Management  Wild life Ecology	08 Weeks 12 weeks 12 Weeks 04 Weeks 04 Weeks 08 Weeks 12 Weeks	01 01 01 06 01	rses/102/106/102106057/ https://archive.nptel.ac.in/courses/104/106/104106106/ https://archive.nptel.ac.in/courses/127/105/127105007/ https://archive.nptel.ac.in/courses/124/107/124107002/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/110/104/110104073/ https://archive.nptel.ac.in/courses/102/104/102104073/ https://archive.nptel.ac.in/courses/106/104/106104180/ https://archive.nptel.ac.in/courses/106/104/106104180/
30 31 32 33 34 35 36 37	Medical Biomaterials  Medicinal Chemistry  Entrepreneurship Essentials  Basic Course in Omit ology  Principles & Application of Building Science  Project Management  Wild life Ecology  Ecology & Environment  Analytical Chemistry	08 Weeks 12 weeks 12 Weeks 04 Weeks 04 Weeks 12 Weeks 12 Weeks 12 Weeks	01 01 01 06 01 01 02 03	rses/102/106/102106057/ https://archive.nptel.ac.in/courses/104/106/104106106/ https://archive.nptel.ac.in/courses/127/105/127105007/ https://archive.nptel.ac.in/courses/124/107/124107002/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/110/104/110104073/ https://archive.nptel.ac.in/courses/102/104/102104073/ https://archive.nptel.ac.in/courses/106/104/106104180/ https://archive.nptel.ac.in/courses/104/105/104105084/
30 31 32 33 34 35 36 37	Medical Biomaterials  Medicinal Chemistry  Entrepreneurship Essentials  Basic Course in Omit ology  Principles & Application of Building Science  Project Management  Wild life Ecology  Ecology & Environment	08 Weeks 12 weeks 12 Weeks 04 Weeks 04 Weeks 12 Weeks 12 Weeks 12 Weeks	01 01 01 06 01 01	rses/102/106/102106057/ https://archive.nptel.ac.in/courses/104/106/104106106/ https://archive.nptel.ac.in/courses/127/105/127105007/ https://archive.nptel.ac.in/courses/124/107/124107002/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/110/104/110104073/ https://archive.nptel.ac.in/courses/102/104/102104073/ https://archive.nptel.ac.in/courses/106/104/106104180/ https://archive.nptel.ac.in/courses/106/104/106104180/
Enr 30 31 32 33 34 35 36 37 38	Medical Biomaterials  Medicinal Chemistry  Entrepreneurship Essentials  Basic Course in Omit ology  Principles & Application of Building Science  Project Management  Wild life Ecology  Ecology & Environment  Analytical Chemistry  Experimental Biotechnology	08 Weeks 12 weeks 12 Weeks 04 Weeks 04 Weeks 12 Weeks 12 Weeks 12 Weeks	01 01 01 06 01 01 02 03	rses/102/106/102106057/ https://archive.nptel.ac.in/courses/104/106/104106106/ https://archive.nptel.ac.in/courses/127/105/127105007/ https://archive.nptel.ac.in/courses/124/107/124107002/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/110/104/110104073/ https://archive.nptel.ac.in/courses/102/104/102104073/ https://archive.nptel.ac.in/courses/106/104/106104180/ https://archive.nptel.ac.in/courses/104/105/104105084/ https://archive.nptel.ac.in/courses/102/103/102103047/
Enr 30 31 32 33 34 35 36 37 38	Medical Biomaterials  Medicinal Chemistry  Entrepreneurship Essentials  Basic Course in Omit ology  Principles & Application of Building Science  Project Management  Wild life Ecology  Ecology & Environment  Analytical Chemistry  Experimental Biotechnology  Qualitative Research Methods	08 Weeks 12 weeks 12 Weeks 04 Weeks 04 Weeks 08 Weeks 12 Weeks 12 Weeks 12 Weeks	01 01 01 06 01 01 02 03	rses/102/106/102106057/ https://archive.nptel.ac.in/courses/104/106/104106106/ https://archive.nptel.ac.in/courses/127/105/127105007/ https://archive.nptel.ac.in/courses/124/107/124107002/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/110/104/110104073/ https://archive.nptel.ac.in/courses/102/104/102104073/ https://archive.nptel.ac.in/courses/106/104/106104180/ https://archive.nptel.ac.in/courses/104/105/104105084/ https://archive.nptel.ac.in/courses/102/103/102103047/
Enr 30 31 32 33 34 35 36 37 38 39 40	Medical Biomaterials  Medicinal Chemistry  Entrepreneurship Essentials  Basic Course in Omit ology  Principles & Application of Building Science  Project Management  Wild life Ecology  Ecology & Environment  Analytical Chemistry  Experimental Biotechnology  Qualitative Research Methods and Research Writing	08 Weeks 12 weeks 12 Weeks 04 Weeks 04 Weeks 08 Weeks 12 Weeks 12 Weeks 12 Weeks 12 Weeks	01 01 01 06 01 01 02 03 02 01	rses/102/106/102106057/ https://archive.nptel.ac.in/courses/104/106/104106106/ https://archive.nptel.ac.in/courses/127/105/127105007/ https://archive.nptel.ac.in/courses/124/107/124107002/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/110/104/110104073/ https://archive.nptel.ac.in/courses/102/104/102104073/ https://archive.nptel.ac.in/courses/106/104/106104180/ https://archive.nptel.ac.in/courses/104/105/104105084/ https://archive.nptel.ac.in/courses/102/103/102103047/ https://archive.nptel.ac.in/courses/102/103/102103047/ https://archive.nptel.ac.in/courses/127/105/109105115/
Enr 30 31 32 33 34 35 36 37 38 39	Medical Biomaterials  Medicinal Chemistry  Entrepreneurship Essentials  Basic Course in Omit ology  Principles & Application of Building Science  Project Management  Wild life Ecology  Ecology & Environment  Analytical Chemistry  Experimental Biotechnology  Qualitative Research Methods and Research Writing Introduction to Research	08 Weeks 12 weeks 12 Weeks 04 Weeks 04 Weeks 08 Weeks 12 Weeks 12 Weeks 12 Weeks	01 01 01 06 01 01 02 03	rses/102/106/102106057/ https://archive.nptel.ac.in/courses/104/106/104106106/ https://archive.nptel.ac.in/courses/127/105/127105007/ https://archive.nptel.ac.in/courses/124/107/124107002/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/110/104/110104073/ https://archive.nptel.ac.in/courses/102/104/102104073/ https://archive.nptel.ac.in/courses/106/104/106104180/ https://archive.nptel.ac.in/courses/104/105/104105084/ https://archive.nptel.ac.in/courses/102/103/102103047/ https://archive.nptel.ac.in/courses/127/105/109105115/
Enr 30 31 32 33 34 35 36 37 38 39 40	Medical Biomaterials  Medicinal Chemistry  Entrepreneurship Essentials  Basic Course in Omit ology  Principles & Application of Building Science  Project Management  Wild life Ecology  Ecology & Environment  Analytical Chemistry  Experimental Biotechnology  Qualitative Research Methods and Research Writing  Introduction to Research writing	08 Weeks 12 weeks 12 Weeks 04 Weeks 04 Weeks 12 Weeks 12 Weeks 12 Weeks 12 Weeks 12 Weeks 12 Weeks 14 Weeks 15 Weeks 16 Weeks 16 Weeks	01 01 01 06 01 01 02 03 02 01	rses/102/106/102106057/ https://archive.nptel.ac.in/courses/104/106/104106106/ https://archive.nptel.ac.in/courses/127/105/127105007/ https://archive.nptel.ac.in/courses/124/107/124107002/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/110/104/110104073/ https://archive.nptel.ac.in/courses/102/104/102104073/ https://archive.nptel.ac.in/courses/106/104/106104180/ https://archive.nptel.ac.in/courses/104/105/104105084/ https://archive.nptel.ac.in/courses/102/103/102103047/ https://archive.nptel.ac.in/courses/127/105/109105115/
30 31 32 33 34 35 36	Medical Biomaterials  Medicinal Chemistry  Entrepreneurship Essentials  Basic Course in Omit ology  Principles & Application of Building Science  Project Management  Wild life Ecology  Ecology & Environment  Analytical Chemistry  Experimental Biotechnology  Qualitative Research Methods and Research Writing Introduction to Research	08 Weeks 12 weeks 12 Weeks 04 Weeks 04 Weeks 08 Weeks 12 Weeks 12 Weeks 12 Weeks 12 Weeks	01 01 01 06 01 01 02 03 02 01	rses/102/106/102106057/ https://archive.nptel.ac.in/courses/104/106/104106106/ https://archive.nptel.ac.in/courses/127/105/127105007/ https://archive.nptel.ac.in/courses/124/107/124107002/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/124/107/124107005/ https://archive.nptel.ac.in/courses/110/104/110104073/ https://archive.nptel.ac.in/courses/102/104/102104073/ https://archive.nptel.ac.in/courses/106/104/106104180/ https://archive.nptel.ac.in/courses/104/105/104105084/ https://archive.nptel.ac.in/courses/102/103/102103047/ https://archive.nptel.ac.in/courses/127/105/109105115/

43	Visual Communication	04 Weeks	01	https://archive.nptel.ac.in/cou
	Designfor Digital Media	04 WCCR3	01	rses/124/107/124107002/
44	Wildlife Conservation	08 Weeks	01	https://archive.nptel.ac.in/courses/102/104/102104068/
45	Remote Sensing & GIS	03 Weeks	01	https://archive.nptel.ac.in/cou
46	Ecology & Environment	08 Weeks	02	rses/105/101/105101221/ https://archive.nptel.ac.in/courses/127/106/127106004/
47	Big data Computing	08 Weeks	01	https://archive.nptel.ac.in/cou
48	Building Materials &	08 Weeks	02	rses/106/104/106104189/ https://archive.nptel.ac.in/cou
49	Composites Disaster Recovery & Build	08 Weeks	02	rses/124/105/124105013/ https://archive.nptel.ac.in/cou
	Back Better			rses/124/107/124107010/
50	Technologies for Clean and Renewable Energy Production	08 Weeks	01	https://archive.nptel.ac.in/courses/103/107/103107157/
51	Introduction to Polymer Science	08 Weeks	01	https://archive.nptel.ac.in/courses/104/105/104105124/
52	Introduction to Internet ofThings	12 weeks	01	https://archive.nptel.ac.in/courses/106/105/106105166/
	Academic Writing	15 Weeks	01	https://oplinecourses.cu/av/am
Lis	t of SWAYAM courses Enro	lled		
53	Academic Writing	15 WEEKS		https://onlinecourses.swayam
5 <i>3</i> 54	Basics of Spanish Language		01	2.ac.in/cec22_ge44/preview https://onlinecourses.swayam
				2.ac.in/cec22_ge44/preview
	Basics of Spanish Language and Culture-I  Research Ethics using			2.ac.in/cec22_ge44/preview https://onlinecourses.swayam 2.ac.in/nou23_lg09/preview?u ser_email=archite ctspjagtap@gmail.com https://onlinecourses.swayam
54	Basics of Spanish Language and Culture-I  Research Ethics using Research Methodology: Creating a New Global	16 Weeks	01	2.ac.in/cec22_ge44/preview https://onlinecourses.swayam 2.ac.in/nou23_lg09/preview?u ser_email=archite ctspjagtap@gmail.com https://onlinecourses.swayam 2.ac.in/aic21_ge02/preview?u ser_email=archite
54	Basics of Spanish Language and Culture-I  Research Ethics using Research Methodology:	16 Weeks	01	2.ac.in/cec22_ge44/preview https://onlinecourses.swayam 2.ac.in/nou23_lg09/preview?u ser_email=archite ctspjagtap@gmail.com https://onlinecourses.swayam 2.ac.in/aic21_ge02/preview?u ser_email=archite ctspjagtap@gmail.com https://swayam.gov.in/explor er?searchText=Basics+of+Sp
54 55	Basics of Spanish Language and Culture-I  Research Ethics using Research Methodology: Creating a New Global Education Curriculum	16 Weeks	01	2.ac.in/cec22_ge44/preview https://onlinecourses.swayam 2.ac.in/nou23_lg09/preview?u ser_email=archite ctspjagtap@gmail.com https://onlinecourses.swayam 2.ac.in/aic21_ge02/preview?u ser_email=archite ctspjagtap@gmail.com https://swayam.gov.in/explor
54 55	Basics of Spanish Language and Culture-I  Research Ethics using Research Methodology: Creating a New Global Education Curriculum	16 Weeks	01	2.ac.in/cec22_ge44/preview https://onlinecourses.swayam 2.ac.in/nou23_lg09/preview?u ser_email=archite ctspjagtap@gmail.com https://onlinecourses.swayam 2.ac.in/aic21_ge02/preview?u ser_email=archite ctspjagtap@gmail.com https://swayam.gov.in/explor er?searchText=Basics+of+Sp anish+Language+a nd+Culture-I https://onlinecourses.swayam
54 55 56	Basics of Spanish Language and Culture-I  Research Ethics using Research Methodology: Creating a New Global Education Curriculum Entrepreneur skills	16 Weeks 16 Weeks	01	2.ac.in/cec22_ge44/preview https://onlinecourses.swayam 2.ac.in/nou23_lg09/preview?u ser_email=archite ctspjagtap@gmail.com https://onlinecourses.swayam 2.ac.in/aic21_ge02/preview?u ser_email=archite ctspjagtap@gmail.com https://swayam.gov.in/explor er?searchText=Basics+of+Sp anish+Language+a nd+Culture-I https://onlinecourses.swayam 2.ac.in/cec22_ar03/preview?u ser_email=archite
54 55 56	Basics of Spanish Language and Culture-I  Research Ethics using Research Methodology: Creating a New Global Education Curriculum Entrepreneur skills	16 Weeks 16 Weeks	01 01 01 01	2.ac.in/cec22_ge44/preview https://onlinecourses.swayam 2.ac.in/nou23_lg09/preview?u ser_email=archite ctspjagtap@gmail.com https://onlinecourses.swayam 2.ac.in/aic21_ge02/preview?u ser_email=archite ctspjagtap@gmail.com https://swayam.gov.in/explor er?searchText=Basics+of+Sp anish+Language+a nd+Culture-I https://onlinecourses.swayam 2.ac.in/cec22_ar03/preview?u ser_email=archite ctspjagtap@gmail.com https://onlinecourses.swayam2
54 55 56	Basics of Spanish Language and Culture-I  Research Ethics using Research Methodology: Creating a New Global Education Curriculum Entrepreneur skills  Indian Vastushastra	16 Weeks 16 Weeks	01 01 01	2.ac.in/cec22_ge44/preview https://onlinecourses.swayam 2.ac.in/nou23_lg09/preview?u ser_email=archite ctspjagtap@gmail.com https://onlinecourses.swayam 2.ac.in/aic21_ge02/preview?u ser_email=archite ctspjagtap@gmail.com https://swayam.gov.in/explor er?searchText=Basics+of+Sp anish+Language+a nd+Culture-I https://onlinecourses.swayam 2.ac.in/cec22_ar03/preview?u ser_email=archite ctspjagtap@gmail.com https://onlinecourses.swayam2 .ac.in/cec22_mg09/preview?us er_email=archit
54 55 56	Basics of Spanish Language and Culture-I  Research Ethics using Research Methodology: Creating a New Global Education Curriculum Entrepreneur skills  Indian Vastushastra  MPSE  Urban Disaster Risk	16 Weeks 16 Weeks	01 01 01 01 0 1	2.ac.in/cec22_ge44/preview https://onlinecourses.swayam 2.ac.in/nou23_lg09/preview?u ser_email=archite ctspjagtap@gmail.com https://onlinecourses.swayam 2.ac.in/aic21_ge02/preview?u ser_email=archite ctspjagtap@gmail.com https://swayam.gov.in/explor er?searchText=Basics+of+Sp anish+Language+a nd+Culture-I https://onlinecourses.swayam 2.ac.in/cec22_ar03/preview?u ser_email=archite ctspjagtap@gmail.com https://onlinecourses.swayam2 .ac.in/cec22_mg09/preview?us er_email=archit ectspjagtap@gmail.com https://onlinecourses.swa
54 55 56 57	Basics of Spanish Language and Culture-I  Research Ethics using Research Methodology: Creating a New Global Education Curriculum Entrepreneur skills  Indian Vastushastra  MPSE  Urban Disaster Risk Mitigation & Climate	16 Weeks  16 Weeks  15 Weeks	01 01 01 01	2.ac.in/cec22_ge44/preview https://onlinecourses.swayam 2.ac.in/nou23_lg09/preview?u ser_email=archite ctspjagtap@gmail.com https://onlinecourses.swayam 2.ac.in/aic21_ge02/preview?u ser_email=archite ctspjagtap@gmail.com https://swayam.gov.in/explor er?searchText=Basics+of+Sp anish+Language+a nd+Culture-I https://onlinecourses.swayam 2.ac.in/cec22_ar03/preview?u ser_email=archite ctspjagtap@gmail.com https://onlinecourses.swayam2 .ac.in/cec22_mg09/preview?us er_email=archit ectspjagtap@gmail.com https://onlinecourses.swa ya m2.ac.in/cec22_ge30/prev
54 55 56 57 58	Basics of Spanish Language and Culture-I  Research Ethics using Research Methodology: Creating a New Global Education Curriculum  Entrepreneur skills  Indian Vastushastra  MPSE  Urban Disaster Risk Mitigation & Climate Resilient Development	16 Weeks  16 Weeks  15 Weeks  15 Weeks	01 01 01 01 0 1	2.ac.in/cec22_ge44/preview https://onlinecourses.swayam 2.ac.in/nou23_lg09/preview?u ser_email=archite ctspjagtap@gmail.com https://onlinecourses.swayam 2.ac.in/aic21_ge02/preview?u ser_email=archite ctspjagtap@gmail.com https://swayam.gov.in/explor er?searchText=Basics+of+Sp anish+Language+a nd+Culture-I https://onlinecourses.swayam 2.ac.in/cec22_ar03/preview?u ser_email=archite ctspjagtap@gmail.com https://onlinecourses.swayam2 .ac.in/cec22_mg09/preview?us er_email=archit ectspjagtap@gmail.com https://onlinecourses.swa ya m2.ac.in/cec22_ge30/prev iew?user_email=architects pjagtap@gmail.com
54 55 56 57	Basics of Spanish Language and Culture-I  Research Ethics using Research Methodology: Creating a New Global Education Curriculum Entrepreneur skills  Indian Vastushastra  MPSE  Urban Disaster Risk Mitigation & Climate Resilient	16 Weeks  16 Weeks  15 Weeks	01 01 01 01 0 1	2.ac.in/cec22_ge44/preview https://onlinecourses.swayam 2.ac.in/nou23_lg09/preview?u ser_email=archite ctspjagtap@gmail.com https://onlinecourses.swayam 2.ac.in/aic21_ge02/preview?u ser_email=archite ctspjagtap@gmail.com https://swayam.gov.in/explor er?searchText=Basics+of+Sp anish+Language+a nd+Culture-I https://onlinecourses.swayam 2.ac.in/cec22_ar03/preview?u ser_email=archite ctspjagtap@gmail.com https://onlinecourses.swayam2 .ac.in/cec22_mg09/preview?us er_email=archit ectspjagtap@gmail.com https://onlinecourses.swayam2 .ac.in/cec22_mg09/preview?us er_email=archit ectspjagtap@gmail.com

Building Cost Estimation Simplified	08 Weeks		
		0 1	ctspjagtap@gmail.com https://onlinecourses.swayam 2.ac.in/nou21_ce06/preview? user_email=archite ctspjagtap@gmail.com
Feature Writing	16 Weeks	0 1	https://onlinecourses.swayam 2.ac.in/nou23_lg29/preview?u ser_email=archite ctspjagtap@gmail.com
City & Metropolitan Planning	15 Weeks	0 1	https://onlinecourses.swayam 2.ac.in/cec23_ar01/preview?u ser_email=archite ctspjagtap@gmail.com
Basics of Remote sensing, GIS& GNSS technology and their applications	15 Weeks	0 1	https://onlinecourses.swayam 2.ac.in/aic22_ge16/preview?u ser_email=archite ctspjagtap@gmail.com
Concrete Technology	12 Weeks	0 1	https://onlinecourses.swayam 2.ac.in/nou23_ce02/preview? user_email=archite ctspjagtap@gmail.com
Child Development	12 Weeks	0 1	https://onlinecourses.swayam 2.ac.in/cec22_ge17/preview?u ser_email=archite ctspjagtap@gmail.com
Abnormal Psychology	12 Weeks	0 1	https://onlinecourses.swayam 2.ac.in/cec23_hs20/preview?u ser_email=archite ctspjagtap@gmail.com
MHD -Hindi Literature	16 weeks	0 1	https://onlinecourses.swayam 2.ac.in/nou23_hs20/preview? user_email=archite ctspjagtap@gmail.com
I I S t S O	Basics of Remote sensing, GIS& GNSS technology and their applications Concrete Technology  Child Development  Abnormal Psychology  MHD -Hindi Literature	Basics of Remote sensing, GIS & GNSS technology and their applications Concrete Technology 12 Weeks  Child Development 12 Weeks  Abnormal Psychology 12 Weeks  MHD -Hindi Literature 16 weeks	City & Metropolitan Planning  Basics of Remote sensing, GIS& GNSS technology and their applications  Concrete Technology  Child Development  Abnormal Psychology  12 Weeks  0 1  MHD -Hindi Literature  No of Students Enrolled in I Total No  105

Last five years (2017 – 2021 ) students Enrolled with 52 NPTEL Courses & 17 SWAYAM Courses with a total of 69 Overall Enrolled.

Ar.S.P.Jagtap Dr.A.P.Wategave Professor

NPTEL SWAYM CO-ORDINATOR

VC. PRINCIPAL,

APPASAHEB BIRNALE COLLEGE

OF ARCHITECTURE, SANGLI.

## **Principal**

Appasahe Birnale College of Architecture, Sangli. <sup>7</sup>

## NPTEL SWAYM Architecture Course Syllabus Specimen



## ARCHITECTURAL CONSERVATION AND HISTORIC PRESERVATION

PROF.SANGHAMITRA BASU Department of Architecture & Regional Planning IIT Kharagour

PRE-REQUISITES : Core

INTENDED AUDIENCE: Architect, Urban Planner, Conservation Architect, Urban Designer, Civil

Engineer, Archaeologist, Artist, Musicologist, Historian, Tourism Managers,

Administrators.

INDUSTRIES SUPPORT: Archaeological Survey, State Archaeology Departments, Tourism Departments,

Public Works Departments, Development Authorities, Planning Authorities, Municipal Organisations, Local Planning Bodies, Indian National Trust for Art and

Cultural Heritage (INTACH) and NGOs.

### COURSE OUTLINE:

This course is designed to address historic preservation and conservation as an approach that establishes a link between past, present and future. Idea is to familiarize the course participants with issues and challenges of heritage areas, about opportunities of heritage structures, sites, precincts and areas, of the need of integrating development with heritage preservation. Evolution of conservation movement, changing concepts and role and policies of various agencies involved in the field of conservation are discussed. Along with definitions and concepts of conservation and heritage, and explanation of various types of heritage, participants are introduced to the international framework of conservation and world heritage scenario.

### ABOUT INSTRUCTOR:

ABOUT INSTRUCTOR:

Prof. Sanghamitra Basu, PhD, MA (Conservation Studies, IAAS, York, UK), Post Graduate (Urban Planning, School of Planning and Architecture, New Delhi), B Arch (Hons.), a DANIDA and Charles Wallace Fellow, is currently a Professor in the Department of Architecture & Regional Planning, Indian Institute of Technology (IIT) Kharagpur, India. She has 33 years of experience in teaching at undergraduate and post graduate levels. She has been active in research and consultancy projects in the field of historic preservation and heritage planning, sustainable tourism, application and architectural pedagoov. application and architectural pedagogy.

### COURSE PLAN:

- Week 1: Course overview and introduction, heritage conservation- need, debate and purpose; understanding heritage and types of heritage resources, values and significance.
- Week 2: Significance and value assessment, approaches of conservation.
- Week 3: Divergent approaches and ethics of conservation; history of conservation movement; concept and definitions; international agencies like ICCROM, UNESCO and their role in
- Week 4: World Heritage Sites, selection criteria, authenticity and integrity, case studies, endangered
- Week 5: Causes of decay, listing, documentation and assessment of heritage structures, sites and
- Week 6: Investigation, state of preservation and preparing conservation report, case studies guidelines for maintenance and repair.
- Week 7: Categories, types and issues of heritage precincts, zones and historic areas; planning for heritage districts, towns and cities; selected case studies.
- Week 8: Design of new building in historic settings, townscape analysis, visual integration;heritage impact assessment; adaptive reuse of heritage structures; organisational framework and heritage site management financial incentives and planning tools; role of agencies in safeguarding heritage in India ;role of voluntary organisations and community participation;interpretation and presentation of historic sites;heritage tourism;potential and opportunities of heritage conservation.

Architecture Phoseshop

VC. PRINCIPAL, APPASAHEB BIRNALE COLLEGE OF ARCHITECTURE, SANGLI.

## NPTEL SWAYM Architecture Course Syllabus Specimen



### SUSTAINABLE ARCHITECTURE

PROF, AVLOKITA AGRAWAL Department of Architecture and Planning

PRE-REQUISITES: Climatology, Building materials INTENDED AUDIENCE: Architecture and Planning

INDUSTRIES APPLICABLE TO: IGBC, GRIHA, BEE, BIS, Green Building Consultants, Practicing

Architecture Firms

The pace at which resource consumption is increasing in every field, it has become imperative to consider sustainability in all aspects. Buildings are a major consumer of resources through their life time. This has been realized by the nations world over and hence stricter norms and laws for construction are being laid. Buildings are supposed to be more and more efficient and optimal in consuming resources. Such buildings are called sustainable buildings and all buildings will be required to be sustainable. Hence this course becomes important in understanding-

- The basic parameters of sustainable buildings.
   Design, Practices and technology which would lead to creation of such buildings.
   Science behind performance of efficient buildings.

### ABOUT INSTRUCTOR:

I Am Dr. Avlokita Agrawal. I earned Bachelor of Architecture degree from IIT Roorkee in 2003 and PhD from IIT Roorkee in 2010. Right from college, the subject which most interested me were climatology and passive designing which were taught to us by one of the most accomplished teachers of those times, Dr. M.R. Sharma and Dr. I.C. Sharma, both from CBRI. After B. Arch, I pursued PhD where I studied Impact of Vaastushastra on thermal comfort in traditional Havelis of Rajasthan. While pursuing PhD and post completion of PhD, I worked for companies like Asahi India Glass (where I headed their Green Design Division) and Honeywell international (where I worked in Corporate Affairs division with a focus on building energy efficiency vertical). In corporate jobs, I was mainly working toward various aspects of building energy efficiency. After joining back academics, I have mainly taught subjects like Sustainable Built Environment. I also manage the IGBC student chapter at IT Roorkee.

### COURSE PLAN:

Week 1: Fundamentals of sustainability, definitions, historical development of the concept of sustainability and sustainable development, Sustainable architecture as a subset of sustainable development.

Week 2: Impacts of built environment on natural environment, Sustainable Development, Agenda 21, UN Goals,

Week 3: Characteristics of sustainable architecture, fundamentals of passive designing and climatology,

thermal comfort, visual comfort, acoustic comfort Week 4: Sustainable buildings, parameters of sustainable buildings, Green buildings, indicators of green buildings, Terminologies related to sustainable buildings- carbon footprint, life cycle analysis,

Week 5: Site development- site selection, UHI, Public Transport, vegetation, development footprint, storm water runoff, SRI

Week 6: Water - estimating the use, reductions in consumption, recycling, reuse, landscape

requirement, strategies and technology for water conservation Week 7: IEQ- day lighting, views, CFC free, ventilation, comfort, VOC free,

Week 8: Materials and Resources- segregation, recycling, reduction in waste, reuse of materials and building, renewability

Week 9: Energy-energy efficiency, energy conservation, ECBC, renewable energy, M&V

Week 10: Codes and compliances - ECBC, NBC, other rating systems prevalent in india

Week 11: Vernacular architecture and sustainability, culture and sustainability,

Week 12: Software use for Energy compliance- Design Builder, Climate Consultant etc



VC. PRINCIPAL, APPASAHEB BIRNALE COLLEGE OF ARCHITECTURE, SANGLI.

## Appasaheb Birnale College of Architecture, Sangli

1.2.1 Number of Add on /Certificate/Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. where the students of the institution have benefitted during the last five years)

YEAR 2023 (Jan – April)									
Name of Add on /Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year			
Engineering & Architectural Graphics Part II Isometric & Axonometric drawings	Noc-23 –ar 06	2023	01	03 Months	02	02			
Engineering & Architectural Graphics Part I Orthographic Projection	Noc-23 –ar 05	2023	01	03 Months	02	02			
Strategies for Sustainable Design	Noc-23 -ce 01	2023	01	03 Months	03	03			
Introduction to History of Architecture in India	Noc-23 -ar 02	2023	01	03 Months	01	01			
Structure , Form and Architecture : The Synergy	Noc-23 –ar 01	2023	01	03 Months	02	01			
User Interface Design	Noc-23 -ar 03	2023	01	03 Months	02	02			
Total Quality Management	Noc-23 –ar 06	2023	01	03 Months	02	00			
Health Research Fundamentals	Noc-23 -ahs25	2023	01	03 Months	01	01			
					15	12			

YEAR 2022 (Jan – April 2022)										
Name of Add on /Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year				
Strategies of Sustainable design	Noc-22 -de 06	2022	01	03 Months	07	02				
Research Methodology	Noc-22 -de 08	2022	01	03 Months	01	01				
Advance Computer Architecture	Noc-22 -cs 10	2022	01	03 Months	01	01				
Medical Biomaterials	Noc-22 -bt 15	2022	01	03 Months	01	01				
Medicinal Chemistry	Noc-22 cy 24	2022	01	03 Months	01	01				
User Interface Design	Noc-22 ar 02	2022	01	03 Months	01	01				
Entrepreneurship Essentials	Noc-22 ge 03	2022	01	03 Months	01	01				
Basic Course in Omithology	Noc-22 ge 10	2022	01	03 Months	01	01				
Disaster Recovery & Build Back Better	Noc-22 ar 05	2022	01	03 Months	01	01				
Strcture , Form & Architecture: The Synergy	Noc-22 ar 01	2022	01	03 Months	01	00				
					16	10				



VC. PRINCIPAL, 10
APPASAHEB BIRNALE COLLEGE
OF ARCHITECTURE, SANGLI.



SHRI. VASANTRAO BANDUJI PATIL TRUST'S

## APPASAHEB BIRNALE COLLEGE OF ARCHITECTURE, SANGLI.

(Approved By A.I.C.T.E., C.O.A. New Delhi, Affiliated to Shivaji University, Kolhapur.)
South Shivaji Nagar, Sangli-Miraj Road, Sangli - 416 416. Ph. (0233) 2320294 / 2322336.

\* E-mail: mh24sangli@gmail.com \* web: abcasangli.org

Ref. No. ABCA/2021-2022/

Date: 22/12/2021

This is to notice that all the B-Arch & M-Arch Studnets are informed that from 01/01/2022 NPTEL & SWAYM Cources will be beginning. All the students are requested to enrolled the cources through college Local Chapter ( LC ) and take benefit of all the Architectural cources.



VC. PRINCIPAL,
APPASAHEB BIRNALE COLLEGE
OF ARCHITECTURE, SANGLI.

- 2018/2011 2011/2011 Sometin 22/12/21



SHRI. VASANTRAO BANDUJI PATIL TRUST'S

## APPASAHEB BIRNALE COLLEGE OF ARCHITECTURE, SANGLI.

(Approved By A.I.C.T.E., C.O.A. New Delhi, Affiliated to Shivaji University, Kolhapur.) South Shivaji Nagar, Sangli-Miraj Road, Sangli - 416 416. Ph. (0233) 2320294 / 2322336. \* E-mail : mh24sangli@gmail.com \* web : abcasangli.org

Ref. No. ABCA /2020 - 2021)

Date: 21/12/2020

This is to notice that all the B-Arch & M-Arch Studnets are informed that from 01/01/2021 NPTEL & SWAYM Cources will be beginning. All the students are requested to enrolled the cources through college Local Chapter ( LC ) and take benefit of all the Architectural cources.

APPASAHEB BIRNALE COLLEGE OF ARCHITECTURE, SANGLI.

21/2/2020 21/12/2020 21/12/2020 21/12/20

YEAR 2022 (July –December 2022)										
Name of Add on /Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year				
Architectural Conservation & Historic Preservation	Noc-22 –ar 08	2022	01	03 Months	02	00				
Urban Governance & Development Management ( UGDM)	Noc-22 -de 08	2022	01	03 Months	01	00				
Sustainable Architecture	Noc-22 -ar 12	2022	01	03 Months	01	00				
Principles & Application of Building Science	Noc-22 -bt 15	2022	01	03 Months	04	02				
Introduction to Urban Planning	Noc-22 cy 24	2022	01	03 Months	01	01				
Project Management	Noc-22 ar 02	2022	01	03 Months	01	01				
Role of Craft and technology in Interior- Architecture	Noc-22 ar 09	2022	01	03 Months	01	01				
Modern Indian Architecture	Noc-22 ar 13	2022	01	03 Months	02	01				
International; Studies in Vernacular Architecture	Noc-22 ar 17	2022	01	03 Months	01	01				
	Noc-22 ar 01	2022	01	03 Months	01	00				
					15	07				

YEAR 2021 (Jan -April 2021)									
Name of Add on /Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year			
Sustainable Architecture	Ns_Noc-21 -ar 03	2021	01	03 Months	04	04			
Architectural Conservation & Historic Preservation	Ns_Noc-21 -ace 05	2021	01	03 Months	01	01			
	10				05	05			
					- 05	0.5			



VC. PRINCIPAL,
APPASAHEB BIRNALE COLLEGE 13
OF ARCHITECTURE, SANGLI.



SHRI. VASANTRAO BANDUJI PATIL TRUST'S

## APPASAHEB BIRNALE COLLEGE OF ARCHITECTURE, SANGLI.

(Approved By A.I.C.T.E., C.O.A. New Delhi, Affiliated to Shivaji University, Kolhapur.)
South Shivaji Nagar, Sangli-Miraj Road, Sangli - 416 416. Ph. (0233) 2320294 / 2322336.

\* E-mail: mh24sangli@gmail.com \* web: abcasangli.org

Ref. No. ABCA/2019-2020)

Date 20/12/2019

This is to notice that all the B-Arch & M-Arch Studnets are informed that from 01/01/2020 NPTEL & SWAYM Cources will be beginning. All the students are requested to enrolled the cources through college Local Chapter ( LC ) and take benefit of all the Architectural cources.

Reg. No.
2 NGPI
1893 / 2508
DL 13-3-1893

VC. PRINCIPAL,

APPASAHEB BIRNALE COLLEGE
OF ARCHITECTURE, SANGLI.

YEAR 2021 (July –December 2021)									
Name of Add on /Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year			
Cultural Responsive Built Environments	Noc-21 -ar 07	2021	01	03 Months	04	04			
Wild life Ecology	Noc-21 -bt 48	2021	01	03 Months	01	01			
Remote Sensing and GIS	Noc-21 -ce 61	2021	01	03 Months	01	01			
Ecology & Environment	Noc-21 –ge 16	2021	01	03 Months	01	01			
Contemporary Architecture & Design	Noc-21 -ar 08	2021	01	03 Months	04	02			
Principles & Application of Building Science	Noc-21 -ar 15	2021	01	03 Months	02	02			
Architectural Acoustics	Noc-21 -ar 06	2021	01	03 Months	03	02			
Building Materials & Composites	Noc-21 –ar 11	2021	01	03 Months	01	01			
Urban Utilities Planning : Water Supply Sanitation and Drainage science.	Noc-21 –ar 13	2021	01	03 Months	02	00			
Housing Policy & Planning	Noc-21 –ar 13	2021	01	03 Months	01	00			
Contemporary Architecture & Design	Noc-21 –ar 08	2021	01	03 Months	01	01			
Analytical Chemistry	Noc-21 -cy 28	2021	01	03 Months	02	01			
Experimental Biotechnology	Noc-21 -bt 36	2021	01	03 Months	01	01			
					23	17			

YEAR 2020 (Jan – April 2020)									
Name of Add on /Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year			
Sustainable Architecture	Noc-20 -ar 01	2020	01	03 Months	02	01			
Qualitative Research Methods and Research Writing	Noc-20 –ge 01	2020	01	03 Months	01	01			
Introduction to Research writing	Noc-20 -ge 04	2020	01	03 Months	01	00			
Introduction to Geographic Information System.	Noc-20 -ce 20	2020	01	03 Months	01	01			
Landscape Architecture and Planning –Basic Fundamentals.	Noc-20 -ce 11	2020	01	03 Months	01	01			
					06	04			



SHRI. VASANTRAO BANDUJI PATIL TRUST'S

## APPASAHEB BIRNALE COLLEGE OF ARCHITECTURE, SANGLI

(Approved By A.I.C.T.E., C.O.A. New Delhi, Affiliated to Shivaji University, Kolhapur.)
South Shivaji Nagar, Sangli-Miraj Road, Sangli - 416 416. Ph. (0233) 2320294 / 2322336.

\* E-mail: mh24sangli@gmail.com \* web: abcasangli.org

Ref. No. ABCA / 2018-2019

Date: 22/12/2018

This is to notice that all the B-Arch & M-Arch Studnets are informed that from 01/01/2019 NPTEL & SWAYM Cources will be beginning. All the students are requested to enrolled the cources through college Local Chapter (LC) and take benefit of all the Architectural cources.

Reg. No. 2 NGPI 2 NGPI 12-5-1893 Mileseddy e 3 No.

VC. PRINCIPAL,
APPASAHEB BIRNALE COLLEGE
OF ARCHITECTURE, SANGLI.

22/12/2018 ann June 227

YEAR 2020 (July –December 2020)										
Name of Add on /Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year				
Contemporary Architecture & Design	Noc-20 -ar 08	2020	01	03 Months	04	04				
Role of Craft & Technology in Interior- Architecture	Noc-20 –ar 09	2020	01	03 Months	02	01				
Urban Landscape & Transportation Planning	Noc-20 –ar 13	2020	01	03 Months	02	00				
Visual Communication Design for Digital Media	Noc-20 –ar 15	2020	01	03 Months	01	01				
Wildlife Ecology	Noc-20 -bt 38	2020	01	03 Months	01	01				
Wildlife Conservation	Noc-20 -bt 39	2020	01	03 Months	01	01				
Remote Sensing & GIS	Noc-20 -ce 58	2020	01	03 Months	01	01				
Ecology & Environment	Noc-20 –ge 16	2020	01	03 Months	01	01				
Big data Computing	Noc-20 -cs 92	2020	01	03 Months	01	00				
Urban Governance & Development Management ( UGDM)	Noc-20 –ar 12	2020	01	03 Months	01	00				
Building Materials & Composites	Noc-20 -ar 04	2020	01	03 Months	01	01				
Disaster Recovery & Build Back Better	Noc-20 -ar 13	2020	01	03 Months	01	01				
Technologies for Clean and Renewable Energy Production	Noc-20 -ch 37	2020	01	03 Months	01	01				
Analytical Chemistry	Noc-20 -cy 18	2020	01	03 Months	01	01				
Introduction to Polymer Science	Noc-20 -cy 18	2020	01	03 Months	01	01				
Architectural Acoustics	Noc-20 -ar 07	2020	01	03 Months	01	01				
					21	16				

YEAR 2019 (Jan – April 2019)									
Name of Add on /Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year			
Architectural Conservation And Historic Preservation	Noc-19 -ar 08	2020	01	03 Months	01	00			
Introduction to Internet of Things	Noc-19 -cs 31	2020	01	03 Months	01	00			
					02	00			

YEAR 2019 (June –Sept 2019)						
Name of Add on /Certificate /Value added programs offered and online MOOC programs like SWAYAM, NPTEL etc. programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Contemporary Architecture & Design	Noc-19 –ar 14	2020	01	03 Months	01	00
					02	00



VC. PRINCIPAL,
APPASAHEB BIRNALE COLLEGE
OF ARCHITECTURE, SANGEL.

## NPTEL SWAYM Architecture Course Syllabus Students Certification (B-Arch)

This certificate is computer generated and can be verified by scanning the QR code given below.

### Roll No: NPTEL22DE06S44160270

To VAISHNAVI BHASKAR PATIL SWPNASHILP APP. FLAT NO.7 GULMOHOR COLONY, SANGLI SANGLI MAHARASHTRA - 416416 PH. NO :919561561363



Score Type of Certificate >=90 Elite+Gold Elite+Silver 75-89 >=60 40-59 Successfully Completed No Certificate <40

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort



## (Funded by the MoE, Govt. of India)



This certificate is awarded to

## VAISHNAVI BHASKAR PATIL

for successfully completing the course

## **Strategies for Sustainable Design**

with a consolidated score of

Online Assignments 21.56/25 Proctored Exam

Total number of candidates certified in this course: 176

Prof. B Umashankar

Roll No:NPTEL22DE06S44160270

Jan-Apr 2022 (12 week course)



Indian Institute of Technology Hyderabad

To validate and check scores: https://nptel.ac.in/noc



This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22DE06S34160037

TO DIGVIJAY SHRIKANT DESHMUKH NEAR SAMARTH MANGAL KARYALAY VASUD ROAD SANGOLA MAH?R?SHTRA - 413307 PH. NO :7350896087



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## **NPTEL Online Certification**



(Funded by the MoE, Govt. of India)

This certificate is awarded to

## **DIGVIJAY SHRIKANT DESHMUKH**

for successfully completing the course

## **Strategies for Sustainable Design**

with a consolidated score of 48 %

Online Assignments 16.81/25 Proctored Exam 31.5/75

Total number of candidates certified in this course: 176

Jecemaslanker

Prof. B Umashankar Chairperson, Centre for Continued Education (CCE) IIT Hyderabad Jan-Apr 2022 (12 week course) Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Hyderabad

FREE ONLINE EDUCATION SWAYAM

To validate and check scores: https://nptel.ac.in/noc

Roll No:NPTEL22DE06S34160037



## NPTEL SWAYM Architecture Course Syllabus Students Certification ( M-Arch )

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, https://nptel.ac.in/noc/

### Roll No: NPTEL21AR03S14290119

To ASHWINI AMIT PATIL 8,PITRUCHAYA AP.,JAIHIND CLNY,VISHRAMBAG MAHARASHTRA - 416415 PH. NO :9422604316



Score Type of Certificate >=90 Flite+Gold Elite+Silver >=60 Elite 40-59 Successfully Completed No Certificate <40

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved



## Elite

(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

## **ASHWINI AMIT PATIL**

for successfully completing the course



### **Sustainable Architecture**

with a consolidated score of 75 Online Assignments 24.38/25 Proctored Exam 50.5/75

Total number of candidates certified in this course: 111

Prof. V. C. Srivastava nator, Continuing Education Centre IIT Roorkee

Roll No:NPTEL21AR03S14290119

Jan-Apr 2021 (12 week course)



Prof. Inderdeep Singh NPTEL Coordinator



Indian Institute of Technology Roorkee

To validate and check scores: https://nptel.ac.in/noc





## NPTEL SWAYM Architecture Course Syllabus Faculty Certification (B-Arch)

This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, https://nptel.ac.in/noc/

### Roll No: NPTEL21AR03S14290122

To SUNIL NITWE SHRI CONSULTANTS, KALASHREE ARCADE FLAT NO 1, NEAR RAM MANDIR SANGLI MAHARASHTRA - 416416 PH. NO :9823132325



Type of Certificate Score >=90 Elite+Gold Elite+Silver 40-59 Successfully Completed No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## (Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

## **SUNIL NITWE**

for successfully completing the course

## Sustainable Architecture

with a consolidated score of 53

Online Assignments 22.5/25 Proctored Exam

Total number of candidates certified in this course: 111

Prof. V. C. Srivastava inator, Continuing Education Centre IIT Roorkee

Jan-Apr 2021 (12 week course) Prof. Inderdeep Singh NPTEL Coordinator IIT Roorkee

Indian Institute of Technology Roorkee

Roll No:NPTEL21AR03S14290122



# NPTEL SWAYM Architecture Course Syllabus Faculty Certification ( M-Arch )

## 

Roll No:NPTEL19AR08S51620031

TO SHANTANU PRAKASH JAGTAP APPASAHEB BIRNALE COLLEGE OF ARCHITECTURE. SOUTH SHIVAJI NAGAR. SANGLI SANGLI MAHARASHTRA 416416 PH. NO: 9921069990



No. of weeks of NPTEL Courses	Equivalence of NPTEL course with regular FDP
4	$\frac{1}{2}$ FDP of one week
8	Full FDP of one week
12	1 1/2 FDP

**Duration of NPTEL course: 8 Weeks** 





(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to

## SHANTANU PRAKASH JAGTAP

for successfully completing the course

## Architectural Conservation And Historic Preservation

with a consolidated score of 47 %

Prof. Andrew Thangaraj NPTEL Coordinator IIT Madras

(Feb-Apr 2019)

Prof. Dileep N. Malkhede
Advisor-I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL19AR08S51620031

To validate and check scores: http://nptel.ac.in/noc

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.

This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24\* July 2018, similar to other refresher / orientation courses.

F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

