HINDUSTAN UNIVERSITY

CURRICULUM AND OUTCOME BASED SYLLABUS

B.ARCH.

ARCHITECTURE

EFFECTIVE FROM 2013 - 14

HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE
SCHOOL OF ARCHITECTURE
DEGREE FOR BACHELOR OF ARCHITECTURE
(10 SEMESTER PROGRAMME)
CURRICULUM –2013

SEMESTER I

S.No.	CODE No.	SUBJECT NAME	L	T	P	C	TCH
Theory							
01.	MAA3111	Mathematics	3	0	0	3	3
02.	ARB3101	Art Appreciation	2	0	0	2	2
03.	ARB3102	History of Architecture-I	2	0	0	2	2
Theory Cum Studio							
04.	ARB3103	Materials & Construction I	2	0	3	3	5
05.	ARB3104	Computer Studio-I	1	0	4	3	5
06.	ARB3105	Architectural Drawing I	2	0	4	4	6
Studio							
07.	ARB3106	Architectural Design I	0	0	10	5	10
		TOTAL	**12**	**0**	**21**	**22**	**33**

SEMESTER II

S.No.	CODE No.	SUBJECT NAME	L	T	P	C	TCH
Theory							
01.	CEB3204	Mechanics of Structures - I	3	0	0	3	3
02.	ARB3201	Theory of Architecture –I	2	0	0	2	2
03.	ARB3202	History of Architecture –II	2	0	0	2	2
Theory Cum Studio							
04.	ARB3203	Materials & Construction - II	2	0	3	3	5
05.	ARB3204	Computer Studio - II	1	0	4	3	5
06.	ARB3205	Architectural Drawing - II	1	0	5	3	6
Studio							
07.	ARB3206	Architectural Design - II	0	0	12	6	12
		TOTAL	**11**	**0**	**24**	**22**	**35**

SEMESTER III

S.No.	CODE No.	SUBJECT NAME	L	T	P	C	TCH
Theory							
01.	CEB3313	Mechanics of Structures – II	3	0	0	3	3
02.	CEB3314	Building Services - I	3	0	0	3	3
03.	CEB3315	Surveying, levelling & Site Planning	2	0	3	3	5
04.	ARB3301	Theory of Architecture – II	2	0	0	2	2
05.	ARB3302	History of Architecture – III	2	0	0	2	2
Theory Cum Studio							
06.	ARB3303	Materials & Construction – III	2	0	4	4	6
Studio							
07.	ARB3304	Architectural Design - III	0	0	14	7	14
		TOTAL	**14**	**0**	**21**	**24**	**35**

SEMESTER IV

S.No.	CODE No.	SUBJECT NAME	L	T	P	C	TCH
Theory							
01.	CEB3417	Design of Structures I	3	0	0	3	3
02.	ARB3401	History of Architecture – IV	2	0	0	2	2
03.	CYA3403	Environmental Science and Engineering.	2	0	0	2	2
04.	ARB3402	Advanced Computer Graphics.	3	0	0	3	3
05.	ARB3403	Climate and Built Environment	3	0	0	2	3
Theory Cum Studio							
06	ARB3404	Materials & Construction – IV	2	0	4	4	6
Studio							
07.	ARB3405	Architectural Design – IV	0	0	14	7	14
		TOTAL	**15**	**0**	**18**	**24**	**33**

SEMESTER V

S.No.	CODE No.	SUBJECT NAME	L	T	P	C	TCH
Theory							
01.	CEB3513	Design of Structures – II	3	0	0	3	3
02	CEB3514	Estimation and specification	3	0	0	3	3
03.	ARB3501	Building Services - II	3	0	0	3	3
04.	ARB3502	Sustainable Architecture	3	0	0	3	3
05.	ARB3503	Contemporary Architecture	3	0	0	3	3
06	E 1	Elective-I	2	0	0	2	2
Theory Cum Studio							
07	ARB3504	Materials & Construction - V	2	0	4	4	6
Studio							
08.	ARB3505	Architectural Design - V	0	0	14	7	14
		TOTAL	**19**	**0**	**18**	**28**	**37**

SEMESTER VI

S.No.	CODE No.	SUBJECT NAME	L	T	P	C	TCH
Theory							
01.	CEB3615	Design of Structures - III	3	0	0	3	3
02	ARB3601	Human Settlement Planning	3	0	0	3	3
03.	ARB3602	Building Services – III	3	0	0	3	3
04.	ARB3603	Professional Practice& Ethics - I	2	0	0	2	2
05.	E 2	Elective II	2	0	0	2	2
06.	E 3	Elective - III	2	0	0	2	2
Theory Cum Studio							
07.	ARB3604	Materials & Construction - VI	2	0	4	4	6
Studio							
08.	ARB3605	Architectural Design - VI	0	0	14	7	14
		TOTAL	**17**	**0**	**18**	**26**	**35**

SEMESTER VII

S.No.	CODE No.	SUBJECT NAME	L	T	P	C	TCH
Theory							
01.	ARB3701	Urban Design and Renewal	3	0	0	3	3
02.	ARB3702	Landscape and Ecology	3	0	0	3	3
03.	ARB3703	Urban Economics and Sociology	2	0	0	2	2
04.	ARB704	Professional Practice & Ethics – II	3	0	0	3	3
05	E4	Elective-IV	3	0	0	3	3
Studio							
06.	ARB3705	Architectural Design - VII	0	0	16	8	16
07.	ARB3706	Dissertation	0	0	4	2	4
		TOTAL	**14**	**0**	**20**	**24**	**34**

SEMESTER VIII & IX

S.No.	CODE No.	SUBJECT NAME	L	T	P	C	TCH
01.	ARB3801	Practical Training	0	0	48**	24	48**
		TOTAL	**0**	**0**	**48****	**24**	**48****

SEMESTER X

S.No.	CODE No.	SUBJECT NAME	L	T	P	C	TCH
Theory							
01.	E5	Elective - V	3	0	0	3	3
02.	E6	Elective - VI	3	0	0	3	3
Studio							
04.	ARB3X01	Thesis	0	0	32**	16	32**
		TOTAL	**6**	**0**	**32****	**22**	**38****

TOTAL NUMBER OF CREDITS: 216

Note:

- 2 hours of Studio in Architectural Design / Materials and Construction / Architectural Drawing / Computer Studio = 1 Credit
- 1 hour of Lecture (L) / Tutorial (T) = 1 Credit
- P = Studios / Lab / Practical / Practical Training
- TCH = Total contact hours.

** Undeterminable number of Hours, it may be about 30 hrs duration / week.

ELECTIVES

Elective No.	Semester	Code No.	Subject Name	L	T	P	C	TCH
I	V SEM	ARC3501	Theory of Interior Design	2	0	0	2	2
		ARC3502	Energy Efficient Architecture	2	0	0	2	2
		ARC3503	Construction Equipment and Methods	2	0	0	2	2
II	VI SEM	ARC3601	Visual Communication and Architecture	2	0	0	2	2
		ARC3602	Landscape Construction	2	0	0	2	2
		ARC3603	Building Maintenance and Retro techniques.	2	0	0	2	2
III	VI SEM	ARC3604	Building Interior materials and construction.	2	0	0	2	2
		ARC3605	Urban Ecology	2	0	0	2	2
		ARC3606	Construction Quality and Cost Control	2	0	0	2	2
IV	VII SEM	ARC3701	Urban Housing	3	0	0	3	3
		ARC3702	Disaster Mitigation and Management	3	0	0	3	3
		ARC3703	Conservation of Built Vernacular	3	0	0	3	3
V	X SEM	ARC3X01	Interior accessories and furniture design.	3	0	0	3	3
		ARC3X02	Landscape Services and EIA	3	0	0	3	3
		ARC3X03	Project Management	3	0	0	3	3
VI	X SEM	ARC3X04	Interior Lighting and Landscape	3	0	0	3	3
		ARC3X05	Landscape System Integration	3	0	0	3	3
		ARC3X06	Infrastructure Planning and Management	3	0	0	3	3