



HINDUSTAN

**INSTITUTE OF TECHNOLOGY & SCIENCE
(DEEMED TO BE UNIVERSITY)**

CHENNAI

B. DES. (Interior Design)

(Duration: 4 Years)

CURRICULUM AND SYLLABUS

(Applicable for students admitted from Academic year 2018 - 19)

SCHOOL OF PLANNING ARCHITECTURE DESIGN EXCELLENCE

HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE

Motto:

To Make Every Man a Success and No Man a Failure

Vision:

To be an International Institute of Excellence, providing a conducive environment for education with a strong emphasis on innovation, quality, research and strategic partnership blended with values and commitment to society.

Mission:

- *To create an ecosystem that promotes learning and world class research.*
- *To nurture creativity and innovation.*
- *To instil highest ethical standards and values.*
- *To pursue activities for the development of the Society.*
- *To develop national and international collaborations with institutes and industries of eminence.*
- *To enable graduates to become future leaders and innovators.*

Value Statement:

Integrity, Innovation, Internationalization.

SCHOOL OF PLANNING ARCHITECTURE AND DESIGN EXCELLENCE

VISION:

To facilitate the creation of built environment by adopting holistic approaches to promote sustainable development in Architecture, Planning & Design.

MISSION:

- *To qualify students to address concerns of the 21st century and making them globally competent.*
- *To empower students by imparting Architecture, Planning and Design knowledge in diverse areas with social commitment.*
- *To enable them to handle the complexities of modern requirements and encouraging exploration, innovation and creative experimentation in shaping the living environment.*

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

The program is expected to enable the students to

- PEO1** *Prepare graduates for designing the Residential & Commercial Projects.*
- PEO2** *Equip future designers with technical skills, new technology to be able to produce working drawings, specifications, layouts and suggest materials and finishes for a Specific project.*
- PEO3** *Help students to demonstrate a good understanding of the various components of Interior designing by exposing them to a wide variety of live design projects, presentations, lab works, research papers and critique.*
- PEO4** *Develop designs, plan material and suggest systems for various spaces for aesthetic and Effective functioning.*
- PEO5** *Familiarize students with computational techniques and software typically used in the profession of Interior Design*

- PEO6** *Provide a good grounding in the best practice of collating and disseminating Information.*
- PEO7** *Prepare students to undertake further study at Masters Level.*
- PEO8** *Teach students to construct models for several processes in the real-world.*
- PEO9** *Integrate the process of design by working on projects, initially working with designers in the industry and taking on professional task responsibilities.*
- PEO10** *Interact and participate in projects with Industry experts and specialists and get hands on learning on live projects.*

PROGRAMME'S OUTCOMES (PO'S):

At the end of this program, graduates will be able to

- PO1** *Integrate knowledge, skill and attitude that will sustain an environment of learning and creativity*
- PO2** *Develop and integrate trends in interior design*
- PO3** *Understand the design, technology and techniques to design spaces effectively*
- PO4** *Understand building and safety codes, principles and practices for environmental and sustainable interior design*
- PO5** *Develop an understanding of various tools, techniques and software.*
- PO6** *Apply critical and contextual approaches across wide variety of subject matter.*
- PO7** *Develop logical thinking to comprehend key facts leading to formulation of the solution process.*
- PO8** *Engage a process of research and design for holistic contribution to the profession.*
- PO9** *Develop self-confidence and awareness of general issues prevailing in the society*
- PO10** *An ability to understand the market trends, client needs, project potentials and work with an inter disciplinary team*
- PO11** *Develop an ability to create human responsive spaces and ensure project execution.*

PROGRAMME'S SPECIFIC OUTCOMES (PSO'S):

PSO 1: Create an ability to conceptualize and coordinate design that follows a systematic process of analysing alternatives, ideas, theories by evaluating, and synthesizing ideas that include parameters on social, cultural, environmental and technological aspects of an Interior space.

PSO 2: Demonstrate the ability to synthesize a wide range of variables into an integrated design solution. It is done by applying appropriate building systems, building materials and construction practices on sound research and design decisions across varying scales of systems and levels of complexity.

PSO 3: Utilize modern software tools & other appropriate and alternative innovative techniques in a wide range of documentation, presentation, analysis and applications for design development of interior spaces in a building.

PSO 4: Create a sustainable and responsive built environment by responding to the climate of the region , adapt appropriate technologies , conserve the ecology ,environment and landscape to achieve a sustainable development for the future .

PSO 5: Understand how history, art and culture have shaped the modern world, through many varied types of creative works, human experiences and to raise questions on value and meaning.

BACHELOR OF INTERIOR DESIGN

SEMESTER - I									
SL. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
THEORY									
1	PC	IDB4101	Basics of Theory of Design	3	0	0	3	1	3
2	BS	IDA4102	Anthropometrics & Ergonomics	3	0	0	3	1	3
3	BS	IDA4103	Basic History of Interiors	2	0	0	2	0	2
THEORY CUM STUDIO									
4	PC	IDB4111	Sketching	1	0	2	2	2	3
5	BS	IDA4112	Basics of Visualization and Representation	1	0	4	3	1	5
STUDIO									
6	PC	IDB4131	Basic Design – I	0	0	8	4	0	8
7	PC	IDB4132	Model Making	0	0	4	2	0	4
PERSONALITY DEVELOPMENT									
8	H	ELA4102	Communication skills	2	0	0	2	0	2
TOTAL				12	0	18	21	5	30

SEMESTER - II									
SL. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
THEORY									
1	PC	IDB4116	Advanced Theory of Design	3	0	0	3	1	3
2	PC	IDB4117	History of Interior Design–I (Global)	2	0	0	2	0	2
3	BS	BDA1119	Environmental Science	1	0	0	1	0	1
4	BS	IDA4119	Basic Construction Techniques and Representation	3	0	0	3	1	3
5	BS	BDA1120	Value and Ethics	1	0	0	1	0	1
THEORY CUM STUDIO									
6	BS	IDA4126	Basics of Computer Design and Digital Fabrication	1	0	4	3	1	5
7	BS	IDA4127	Advanced Visualization and Representation	2	0	2	3	1	4
STUDIO									
8	PC	IDB4141	Basic Design – II	0	0	8	4	0	8
9	PC	IDB4142	Interior Space Drawing	0	0	4	2	0	4

VALUE ADDED PROGRAMME									
10	PAECC		Summer Internship	10 Days (Minimum)					
TOTAL				14	0	18	22	4	31

SEMESTER - III									
SL. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
THEORY									
1	PC	IDB4201	Basics of Furniture Design	3	0	0	3	0	3
2	PC	IDB4202	Interior Landscape	3	0	0	3	1	3
3	PC	IDB4203	History of Interior Design – II (Indian)	2	0	0	2	0	2
4	BS	IDA4204	Advanced Construction Techniques and Representation	3	0	0	3	1	3
5	BS	IDA4205	Basics of Interior Services	2	0	0	2	0	2
6	PE	E1	Elective - I	3	0	0	3	0	3
THEORY CUM STUDIO									
7	BS	IDA4211	Advanced Computer Design and Digital Fabrication	1	0	4	3	0	5
STUDIO									
8	PC	IDB4231	Interior Design Studio –I	0	0	12	6	0	12
VALUE ADDED PROGRAMME									
9	PAECC	IDB4232	Evaluation of Summer Internship	0	0	0	1	0	0
TOTAL				17	0	16	26	2	33

SEMESTER - IV									
SL. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
THEORY									
1	PC	IDB4216	Advanced Furniture Design	3	0	0	3	1	3
2	BS	IDA4217	Basics of Structural Design	3	0	0	3	1	3
3	BS	IDA4218	Interior Services (Intermediate)	2	0	0	2	1	2
4	PE	E2	Elective – II	3	0	0	3	0	3
THEORY CUM STUDIO									
5	BS	IDA4226	Basics of Materials and Methods of Construction	1	0	4	3		5
STUDIO									
6	PC	IDB4241	Interior Design studio – II	0	0	12	6	0	12
7	PC	IDB4242	Workshop	0	0	4	2	0	4
VALUE ADDED PROGRAMME									
8	PAECC		Summer Internship	15 Days (Minimum)					
TOTAL				12	0	20	22	3	32

SEMESTER - V									
SL. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
THEORY									
1	PC	IDB4301	Lighting and Acoustics in Interiors	3	0	0	3	1	3
2	BS	IDA4302	Advanced Structural Design	3	0	0	3	1	3
3	PC	IDB4303	Sustainable Design	3	0	0	3	0	3
4	BS	IDA4304	Advanced Interior Services	2	0	0	2	0	2
5	PE	E3	Elective – III	3	0	0	3	0	3
6	NE	OE1	Open Elective - I	2	0	0	2	0	2
THEORY CUM STUDIO									
7	BS	IDA4311	Advanced Materials and Methods of Construction	1	0	4	3	0	5
STUDIO									
8	PC	IDB4331	Interior Design Studio - III	0	0	12	6	0	12
VALUE ADDED PROGRAMME									
9	PAECC	IDB4332	Evaluation of Summer Internship	0	0	0	2	0	0
TOTAL				17	0	16	27	2	33

SEMESTER - VI									
SL. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
THEORY									
1	PC	IDB4316	Professional Practice	3	0	0	3	0	3
2	PC	IDB4317	History of Modern Movement	2	0	0	2	0	2
3	BS	IDA4318	Interior Construction and Drawing	3	0	0	3	1	3
4	PC	IDB4319	Renovation and Alteration	3	0	0	3	1	3
5	PE	E4	Elective – IV	3	0	0	3	0	3
6	NE	OE2	Open Elective - II	2	0	0	2	0	2
STUDIO									
7	PC	IDB4341	Interior Design Studio - IV	0	0	12	6	0	12
8	PC	IDB4342	Dissertation	0	0	4	2	1	4
TOTAL				16	0	16	24	3	32

SEMESTER - VII									
SL. NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
STUDIO									
1	PAECC	IDB4431	Training	0	0	20	10	0	20
TOTAL				0	0	20	10	0	20

EMESTER - VIII									
SL NO	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
STUDIO									
1	PC	IDB4441	Thesis	0	0	26	13	0	26
TOTAL				0	0	26	13	0	26

LIST OF DEPARTMENTAL ELECTIVES GROUPING - SEMESTER WISE									
SEM (Elec tive No.)	COURSE CATEGORY	COURSE CODE	NAME OF THE COURSE	L	T	P	C	S	TCH
III (E1)	PE	IDC4251	Cultural Anthropology	3	0	0	3	0	3
	PE	IDC4252	Interior Model Making	3	0	0	3	0	3
	PE	IDC4253	Interior Sketching	3	0	0	3	0	3
IV (E2)	PE	IDC4266	Visual and Performing Arts	3	0	0	3	0	3
	PE	IDC4267	Vernacular Architecture and Interiors	3	0	0	3	0	3
	PE	IDC4268	Representation of Spaces	3	0	0	3	0	3
V (E3)	PE	IDC4351	Interior Accessories and Product Design	3	0	0	3	0	3
	PE	IDC4352	Revitalization of Art and Crafts	3	0	0	3	0	3
	PE	IDC4353	Graphics & Animation	3	0	0	3	0	3
VI (E4)	PE	IDC4366	Interior Photography	3	0	0	3	0	3
	PE	IDC4367	Entrepreneurship Development	3	0	0	3	0	3
	PE	IDC4368	Art and Graphics in Interior Design	3	0	0	3	0	3

TOTAL NUMBER OF CREDITS: 165

PSO -1		PSO-2			PSO-3	PSO-4		PSO-5		
Create an ability to conceptualize and coordinate design that follows a systematic process of analyzing alternatives, ideas, theories by evaluating, and synthesizing ideas that include parameters on social, cultural, environmental and technological aspects of an Interior space.		Demonstrate the ability to synthesize a wide range of variables into an integrated design solution. It is done by applying appropriate building systems, building materials and construction practices on sound research and design decisions across varying scales of systems and levels of complexity.			Utilize modern software tools & other appropriate and alternative innovative techniques in a wide range of documentation, presentation, analysis and applications for design development of interior spaces in a building.	Create a sustainable and responsive built environment by responding to the climate of the region , adapt appropriate technologies , conserve the ecology ,environment and landscape to achieve a sustainable development for the future .		Understand how history, art and culture have shaped the modern world, through many varied types of creative works, human experiences and to raise questions on value and meaning.		
1	2	3	4	5	6	7	8	9	10	11
Integrate knowledge, skill and attitude that will sustain an environment of learning and creativity	Develop and integrate trends in interior design	Understand the design, technology and techniques to design spaces effectively	Understand building and safety codes, principles and practices for environmental and sustainable interior design	Develop an understanding of various tools, techniques and software.	Apply critical and contextual approaches across wide variety of subject matter.	Develop logical thinking to comprehend key facts leading to formulation of the solution process.	Engage a process of research and design for holistic contribution to the profession.	Develop self-confidence and awareness of general issues prevailing in the society	An ability to understand the market trends, client needs, project potentials and work with an interdisciplinary team	Develop an ability to create human responsive spaces and ensure project execution.
Basics of Theory of Design	Renovation and Alteration	Advanced Construction Techniques and Representation	Interior Services	Lighting and Acquisitions in Interiors	Interior Model Making	Interior Landscaping	Vernacular Architecture & Interiors	EVS	History of Interior Design	Visual and Performing Arts
Advanced of Theory of Design	Interior Space Planning		Structural Design	Interior Construction and Drawing	Basic Construction Techniques and Representation	Art and Graphic in Interior Design	Representation of Spaces	Communication Skills	History of Modern Movement	Revitalization of Arts and Crafts
Basic design	Interior Design Studio		Materials and Methods of Construction		Visualization And Representation, Graphics and Animation	Interior Photography			Professional Practice	Interior Accessories and Product Design Entrepreneurship Development