CAREER DEVELOPMENT CENTRE

DIT
UNIVERSITY
IMAGINE ASPIRE ACHIEVE

Date: 22nd Aug 2019

Subject: Value Added Training in School of Architecture & Planning

Attention: B.Arch – 2nd Year (Session-ODD-2019-20)

Above mentioned students are hereby informed that as per the approved value added training for the academic year 2019-20, Career Development Centre offers the below mentioned technical training in the 3rd Semester (2019-20). Details as follows:

Training	Semester	Program	Date of Commencing
SketchUP Training (VAT- 89)	3rd	B.Arch-2nd Year	02-09-2019

NOTE: The Department concerned shall notify the details about timings and venue of the training sessions. In case of any query, please contact the Career Development Centre, DIT University.

Gaurav Singh
Head ....
Career Development Head- CDC
DIT University, Dehradun

Registrar
DIT University, Dehradun

To:
- All Deans / Directors
- HoDs
- Head CDC

With the request to bring the above to the notice of the students

Copy to:
- Chairman
- Chancellor
- Vice Chancellor
- Pro Vice Chancellor

For information please

SKETCHUP TRAININGS -VAT 89

The Trimble Sketch up Training was conducted for students of B.Arch- 2nd year program, the venue for the training was DIT University, SoAD Architectural Studio, it was conducted by the School of Architecture, Planning and Design, from 02 -09- 2019 to 23-09 -2019 (Duration 32 Hrs) and the main trainer of the training was **Ar.Manmeet Kaur.**

OBJECTIVE:

SketchUp is a CAD solution ideal for creating and editing 2D and 3D designs. Built for architecture, interior designers, drafters, and engineers. The software offers unique and professional-quality features like lighting effects, textures, animations, and access to Trimble's 3D warehouse. The varied functions of this tool help in creating impressive 3D models of buildings, urban spaces, interiors, furniture, designs for different products.

The main objective of this value-added training was to make the students aware of all the basic concepts needed to master in Sketch-Up software. The course was framed in such a wonderful manner that a beginner (2nd year student) can completely understand this software. The course focussed on tools required to create unique designs with the help of practical examples. This helped in the systematic learning of this course and become proficient in Sketch-Up software.
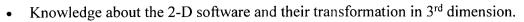
REQUIRED SKILLSET FOR SKETCHUP

Before starting the Sketch Up course, the students should have basic knowledge and fundamental understanding of the 3D tools and its functions. The student should have a prior understanding of 2-d drawings, interiors and visualising 3D models, etc.

One may choose to continue the training in SketchUp if they have few of these skills/ interests.

- An interest in creating 3-D views of architectural design projects.

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- Knowledge about the 2-D software and their transformation in 3rd dimension.
- Well informed in the fields of design, drawing, form and structures.
- A research and creative mindset
- Fine imagination and presenting skills

TRAINING OUTLINE:

The SketchUp course is divided into three modules. The modules provide step by step practical lessons to take the students from complete beginner level to SketchUp expert.

Module 1

In this module students learnt:

- How to navigate and move in and around SketchUp file
- About the most commonly used tools
- How to explore the 3D Warehouse
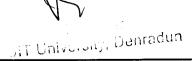- How to draw their own basic 3D models

Module 2

In this module students learnt:

- how to set up and arrange model correctly from the start
- 3 different ways of creating a floor plan (drawing from measurements, importing a PDF/JPEG or importing a CAD/DWG file)
- how to work with multi-level houses

Module 3

In this module students learnt:

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- how to move and scale 2D objects
- how to apply textures and materials to elements and surfaces
- how to space plan various areas in architecture design
- how to export floor plan in PDF
- how to turn the 2D floor plan in to a 3D building by creating walls, doors, windows, skirting etc.

We used lectures, presentations, live tutorials to deliver these modules on the course.

Key learning:

The key learning from this training is about introducing the most basic tools, layout modules, addition of graphic media, and other details. The students also learn the techniques and methods of object modelling and creation of various dynamic shapes. This training will also help the students to learn the program practically, as a live project is also included in one of the lessons of this training. It will train the students and resolve their problems with the most accurate solutions in the course curriculum.

FUTURE DIRECTIONS

Exploration of 3-D views is the most crucial aspect of form development for any architect. The benefits of SketchUp are its ease of use, various features, rich modelling tools, and a powerful warehouse.

The training supports the current curriculum of UG course and professional practice. The training caters to the aspects of form development, space designing and execution of thought process; while addressing the major issues that students face in the design journey. Hence the value-added trainings and other workshops assist the students in the right direction.

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Training Outcomes:

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By gaining the knowledge, one can be benefited in the following ways:

- Sketch Up is generally a 3D drawing and designing program. So, the students will learn the art of 3D designing using the drawing tools present in the program. This will assist them in creating 3-D for various design projects both at student and professional level.

- PG course in the stream of architecture, product design, space design, etc.

- Jobs in firms, MNCs and academics, etc.

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Annexure - II

Value added course Details (Academic Year: 2019-20)

VAT Course Name: SketchUP Trainings
VAT Code: VAT 89
Duration in Hours: 32
Number of Students Enrolled: 41
Number of Students Completed: 39

Grades:	G= GOOD ; S = Satifactory ; P = Poor ; W = Withdraw

Student ID	Student Name	Program/Course	Year	Passing Grade
180823001	AISHWARYA VERMA	BArch	2nd Year	S
180823025	JOHNSON GURIA	BArch	2nd Year	S
180823022	SHALINI SINGH	BArch	2nd Year	S
180823021	DELIN SARA SUNNY	BArch	2nd Year	S
180823042	ANNAPURNA SHARMA	BArch	2nd Year	G
180823019	TANISHQ GUSAIN	BArch	2nd Year	S
180823014	SAURABH KUMAR	BArch	2nd Year	S
180823037	APURVA SRIVASTAVA	BArch	2nd Year	S
180823009	AMAN KUMAR LOHIYA	BArch	2nd Year	G
180823012	JYOTSNA NARULA	BArch	2nd Year	P
180823031	ARJUN RATHEE	BArch	2nd Year	G
180823004	DHRUV KUMAR PAL	BArch	2nd Year	G
180823033	VRINDA AGGARWAL	BArch	2nd Year	S
180823028	ISRA AHMAD	BArch	2nd Year	S
180823036	SAURAV .	BArch	2nd Year	S
180823007	ANUSHA NAITHANI	BArch	2nd Year	S
180823005	RIYA VERMA	BArch	2nd Year	S
180823017	BOPETO KHETOI SHOHE	BArch	2nd Year	S
180823023	SUSHANT SAINI	BArch	2nd Year	G
180823026	GEETIKA SAHU	BArch	2nd Year	S
180823013	DEVANSH THAPLIYAL	BArch	2nd Year	S
180823016	ANMOL SHARMA	BArch	2nd Year	S
180823018	SHOBHIT AGARWAL	BArch	2nd Year	G
180823030	EKTA GARG	BArch	2nd Year	S
180823006	ICHA KAUR	BArch	2nd Year	G
180823020	AYUSH RAWAT	BArch	2nd Year	G
180823035	DIVYANSH GUPTA	BArch	2nd Year	S
180823011	KAJAL VERMA	BArch	2nd Year	S
180823029	VANSHIKA TANDON	BArch	2nd Year	S
180823039	HARSHA SINGH	BArch	2nd Year	S
180823043	MOHAMMAD ASAD RAIS	BArch	2nd Year	G
180823034	NIKHIL SINGLA	BArch	2nd Year	S
180823041	AKASH DHANRAJ CHITRIV	BArch	2nd Year	P
180823003	ANANYA DHAWAN	BArch	2nd Year	S
180823015	LAVANYA RAJPUT	BArch	2nd Year	G
180823024	DEEKSHA GOSWAMI	BArch	2nd Year	S
180823008	ISHTI .	BArch	2nd Year	G
180823010	NAKUL AHLUWALIA	BArch	2nd Year	G
180823027	GAURANG KAKKAR	BArch	2nd Year	S
180823040	ARYAN THAKUR	BArch	2nd Year	S

| 180823032 | HARSH VARDHAN GUPTA | BArch | 2nd Year | S |