CAREER DEVELOPMENT CENTRE

DIT UNIVERSITY
IMAGINE ASPIRE ACHIEVE

Date: 15ᵗʰ September 2021.

Subject: Value Added Trainings School Of Architecture, Planning & Design

Attention: B.Arch (Session-ODD-2021-22)

Above mentioned students are hereby informed that as per the approved value added trainings for the academic year 2021-22, Career Development Centre offers the below mentioned trainings in the School of Architecture, Planning & Design, Odd Semester (2021-22). Details as follows:

Training	Semester	Program	Duration	Date of Commencing
Sight Planning (VAT-90)	6ᵗʰ&8ᵗʰ	B.Arch- 3rd & 4th year	32 Hrs	25-10-2021
Sketchup Training (VAT-89)	4ᵗʰ	B.Arch- 2ⁿᵈ year	32 Hrs	21-09-2021

NOTE:

1. 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.
2. For Office of HoD- Ref to Letter N0. Ref No: DITU/CDC/2019/AN-14 (Guidelines for VAT)

Dr. Jitendra Kr. Sarohi
HoD- SoAPD

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

To:
- All Deans / Directors
- HoDs
- CDC

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

Copy for information to:
- Hon'ble Chairman
- Hon'ble Chancellor
- Hon'ble Vice Chancellor
- Hon'ble Pro Vice Chancellor
- ICT Manager – to upload on website

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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 04 -09- 2020 to 25-09 -2020 (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.
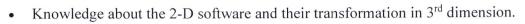
REQUIRED SKILLSET FOR SKETCHUP

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.
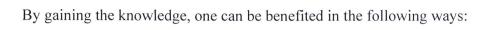
FUTURE DIRECTIONS

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.

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: 2021-22)

VAT Course Name: SketchUP Trainings

VAT Code: VAT 89

Duration in Hours: 32

Number of Students Enrolled: 84

Number of Students Completed: 84

Grades:	G= GOOD ; S = Satifactory ; P = Poor ; W = Withdraw			
Student ID	Student Name	Program/Course	Year	Passing Grade
180823001	AISHWARYA VERMA	Bachelor of Architecture	4th Year	S
180823003	ANANYA DHAWAN	Bachelor of Architecture	4th Year	G
180823004	DHRUV KUMAR PAL	Bachelor of Architecture	4th Year	S
180823005	RIYA VERMA	Bachelor of Architecture	4th Year	S
180823006	ICHA KAUR	Bachelor of Architecture	4th Year	S
180823007	ANUSHA NAITHANI	Bachelor of Architecture	4th Year	S
180823008	ISHTI	Bachelor of Architecture	4th Year	S
180823009	AMAN KUMAR LOHIYA	Bachelor of Architecture	4th Year	S
180823010	NAKUL AHLUWALIA	Bachelor of Architecture	4th Year	S
180823011	KAJAL VERMA	Bachelor of Architecture	4th Year	S
180823012	JYOTSNA NARULA	Bachelor of Architecture	4th Year	S
180823013	DEVANSH THAPLIYAL	Bachelor of Architecture	4th Year	S
180823014	SAURABH KUMAR	Bachelor of Architecture	4th Year	S
180823015	LAVANYA RAJPUT	Bachelor of Architecture	4th Year	G
180823016	ANMOL SHARMA	Bachelor of Architecture	4th Year	G
180823017	BOPETO KHETOI SHOHE	Bachelor of Architecture	4th Year	S
180823018	SHOBHIT AGARWAL	Bachelor of Architecture	4th Year	S
180823019	TANISHQ GUSAIN	Bachelor of Architecture	4th Year	S
180823020	AYUSH RAWAT	Bachelor of Architecture	4th Year	S
180823021	DELIN SARA SUNNY	Bachelor of Architecture	4th Year	G
180823022	SHALINI SINGH	Bachelor of Architecture	4th Year	G
180823023	SUSHANT SAINI	Bachelor of Architecture	4th Year	S
180823024	DEEKSHA GOSWAMI	Bachelor of Architecture	4th Year	S
180823025	JOHNSON GURIA	Bachelor of Architecture	4th Year	S
180823026	GEETIKA SAHU	Bachelor of Architecture	4th Year	S
180823027	GAURANG KAKKAR	Bachelor of Architecture	4th Year	G
180823028	ISRA AHMAD	Bachelor of Architecture	4th Year	G
180823029	VANSHIKA TANDON	Bachelor of Architecture	4th Year	S
180823030	EKTA GARG	Bachelor of Architecture	4th Year	S
180823032	HARSH VARDHAN GUPTA	Bachelor of Architecture	4th Year	G
180823034	NIKHIL SINGLA	Bachelor of Architecture	4th Year	G
180823035	DIVYANSH GUPTA	Bachelor of Architecture	4th Year	S
180823036	SAURAV	Bachelor of Architecture	4th Year	S
180823037	APURVA SRIVASTAVA	Bachelor of Architecture	4th Year	G
180823039	HARSHA SINGH	Bachelor of Architecture	4th Year	S
180823040	ARYAN THAKUR	Bachelor of Architecture	4th Year	S
180823041	AKASH DHANRAJ CHITRIV	Bachelor of Architecture	4th Year	G
180823042	ANNAPURNA SHARMA	Bachelor of Architecture	4th Year	G
190823001	AMAN KUMAR	Bachelor of Architecture	3rd Year	S
190823002	SHIVAM THAKUR	Bachelor of Architecture	3rd Year	S

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190823003	SAKSHAM K VERMA	Bachelor of Architecture	3rd Year	S
190823004	AADYA AGARWAL	Bachelor of Architecture	3rd Year	S
190823005	CHIRAG SHARMA	Bachelor of Architecture	3rd Year	S
190823006	SHIVAM KUNDU	Bachelor of Architecture	3rd Year	S
190823007	KUSHAGRA AGRAWAL	Bachelor of Architecture	3rd Year	G
190823008	PUNEET YADAV	Bachelor of Architecture	3rd Year	G
190823009	KHUSHI BHATNAGAR	Bachelor of Architecture	3rd Year	S
190823010	AKSHAT GOEL	Bachelor of Architecture	3rd Year	S
190823011	ADITYA BISHT	Bachelor of Architecture	3rd Year	S
190823012	NISCHHAL NEGI	Bachelor of Architecture	3rd Year	S
190823013	TIMOTHY BOVES	Bachelor of Architecture	3rd Year	S
190823014	ISHIKA JAIN	Bachelor of Architecture	3rd Year	S
190823015	ANUBHOOTI JOSHI	Bachelor of Architecture	3rd Year	S
190823016	SAMEEP SINGH	Bachelor of Architecture	3rd Year	G
190823017	PURUSHOTTAM KUMAR	Bachelor of Architecture	3rd Year	S
190823018	GAUTAM GROVER	Bachelor of Architecture	3rd Year	S
190823019	VIDUSHI AGARWAL	Bachelor of Architecture	3rd Year	G
190823020	SALONI GOYAL	Bachelor of Architecture	3rd Year	G
190823021	SNEHA PANDEY	Bachelor of Architecture	3rd Year	S
190823022	MOHD AMAN	Bachelor of Architecture	3rd Year	G
190823023	KATYAYANI	Bachelor of Architecture	3rd Year	G
190823024	VIDIT AGARWAL	Bachelor of Architecture	3rd Year	G
190823025	ANANYA JAIN	Bachelor of Architecture	3rd Year	S
190823026	SAMEER ANSARI	Bachelor of Architecture	3rd Year	S
190823027	SAURABH CHAUHAN	Bachelor of Architecture	3rd Year	S
190823028	RAHIL DOGRA DOGRA	Bachelor of Architecture	3rd Year	G
190823030	LAVANGIKA	Bachelor of Architecture	3rd Year	G
190823031	TUSHAR KAUSHIK	Bachelor of Architecture	3rd Year	S
190823032	AINDVI KHANNA	Bachelor of Architecture	3rd Year	S
190823033	RIYA JAIN	Bachelor of Architecture	3rd Year	G
190823034	UMAR FARUKH	Bachelor of Architecture	3rd Year	S
190823035	ZOHA MIRZA	Bachelor of Architecture	3rd Year	S
190823036	SHIV NARAYAN	Bachelor of Architecture	3rd Year	S
190823037	ZUBAIR SAIFI	Bachelor of Architecture	3rd Year	G
190823038	AAMIR ALAM	Bachelor of Architecture	3rd Year	S
190823039	KHUSHI GARG	Bachelor of Architecture	3rd Year	S
190823040	KETAN GUPTA	Bachelor of Architecture	3rd Year	S
190823041	ABHISHEK KUMAR	Bachelor of Architecture	3rd Year	S
190823042	SUDHANSHU KOTALIA	Bachelor of Architecture	3rd Year	S
190823043	FEEUNA ALAM	Bachelor of Architecture	3rd Year	S
190823044	VAIBHAVI DHIMAN	Bachelor of Architecture	3rd Year	S
190823045	INDU PATEL	Bachelor of Architecture	3rd Year	G
190823046	NABEEL SHAH	Bachelor of Architecture	3rd Year	S
ADM/005017	ARJUN RATHEE	Bachelor of Architecture	3rd Year	S

Received
Pavan Chaturvedi (CDC)

Head -CDC
Career Development Cell
DIT University, Dehradun

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