CAREER DEVELOPMENT CENTRE

DIT UNIVERSITY
IMAGINE ASPIRE ACHIEVE

Date: 24th July 2022

Subject: Value Added Trainings

In School of School of Architecture, Planning & Design

Attention: B.Arch / M.Plan (Session-ODD-2022-23)

Above mentioned students are hereby informed that as per the approved value added trainings for the academic year 2022-23, Career Development Centre offers the below mentioned training in the ODD Semester (2022-23). Details as follows:

Training	Semester	Program	Duration	Date of Commencing
Arch-GIS(VAT-65)	7th & 1st	B.Arch-4th Year & M.Plan-1st Year	32 Hrs	13-10-2022

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.

Career Services Cell
DIT University, Dehradun
Mr. Saurav Badoni
In charge- CDC

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

Career Development Centre

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VAT-65 Arc-GIS

The Arch-GIS training was conducted for students of B.Arch-4th Year & M.Plan-1st Year program, the venue for the training was DIT University SoAD-Computer Lab, It was conducted by the School of Architecture, Planning and Design, from 13-10-2022 to 30 -10-2022 (5:00 PM to 7:00 PM) and the main trainer for the training was **Ar. Meet Fatewar.**

OBJECTIVE:

This is an introductory course covering the theory and application of geographic information systems (GIS). The course includes an overview of the general principles of GIS and practical experience in its use. The lectures follow the organization of the textbook. The practical component involves the hands-on use of desktop GIS software packages.

TRAINING OUTLINE:

Module 1:

- Introduction to GIS
- Introduction to coordinate system and geographic projections
- Geometric Transformation
- Introduction to GIS and Geographic distribution
- Application of GIS and Remote sensing

Module 2

- Vector and raster data models- learning outcomes
- Vector data model
- Raster data model

Module 3

- GIS and Data models – Course assessment

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Key learning:

This course provides an introduction to GIS (geographic information systems) and Remote Sensing for spatial analysis with the emphasis on open source software available for free as well as free spatial data portals that offer a possibility to get started with the GIS, Remote Sensing, and spatial data analysis. This spatial analysis introductory course will provide you with an understanding of the GIS system and Remote Sensing in a very short time. By the end of the course, you will feel confident and completely understand the GIS and Remote Sensing technology and where to get GIS software geodata to make maps.

This course will prepare the students for the basics of using GIS and Remote Sensing with open source and absolutely free software tools. We will go over various industries where GIS and Remote Sensing can be used including agriculture, geology, mining, hydrology, forestry, environmental, and many more! We will talk about the main GIS components and stages of GIS analysis. I will explain your desktop computer requirements needed to start working with GIS. We will talk about different geodata types. Finally, I will also equip you with the knowledge of different geospatial software tools available and GIS data portals where you can download your spatial maps and data for free.

Training Outcomes:

- Fully understand basics of GIS and Remote Sensing
- Learn Applications of GIS and Remote Sensing
- Learn open source GIS and Remote Sensing software tools
- Learn feely available sources of geodata
- Fully understand the components of GIS system and its main functionality
- Learn how to install QGIS and its basics functionality
- Learn how to create a basic GIS-based map
- Learn Geodata types: raster and vector data types

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Value added course Details (Academic Year: 2022-23)			
VAT Course Name: Arc-GIS Training			
VAT Code: VAT 65			
Duration in Hours: 32			
Number of Students Enrolled:45			
Number of Students Completed: 44			
Grades:	**G= GOOD ; S = Satifactory ; P = Poor ; W = Withdraw**		
Student ID	**Student Name**	**Program/Course**	**Passing Grade**
190823008	PUNEET YADAV	Bachelor of Architecture	G
190823014	ISHIKA JAIN	Bachelor of Architecture	S
190823009	KHUSHI BHATNAGAR	Bachelor of Architecture	S
190823006	SHIVAM KUNDU	Bachelor of Architecture	S
190823002	SHIVAM THAKUR	Bachelor of Architecture	G
190823018	GAUTAM GROVER	Bachelor of Architecture	G
190823011	ADITYA BISHT	Bachelor of Architecture	S
190823025	ANANYA JAIN	Bachelor of Architecture	G
190823030	LAVANGIKA	Bachelor of Architecture	S
190823015	ANUBHOOTI JOSHI	Bachelor of Architecture	S
190823010	AKSHAT GOEL	Bachelor of Architecture	S
190823012	NISCHHAL NEGI	Bachelor of Architecture	G
190823031	TUSHAR KAUSHIK	Bachelor of Architecture	G
190823026	SAMEER ANSARI	Bachelor of Architecture	S
190823032	AINDVI KHANNA	Bachelor of Architecture	G
190823020	SALONI GOYAL	Bachelor of Architecture	S
190823021	SNEHA PANDEY	Bachelor of Architecture	S
190823022	MOHD AMAN	Bachelor of Architecture	S
190823016	SAMEEP SINGH	Bachelor of Architecture	G
190823024	VIDIT AGARWAL	Bachelor of Architecture	G
190823040	KETAN GUPTA	Bachelor of Architecture	S
190823003	SAKSHAM K VERMA	Bachelor of Architecture	G
190823017	PURUSHOTTAM KUMAR	Bachelor of Architecture	S
190823004	AADYA AGARWAL	Bachelor of Architecture	S
190823033	RIYA JAIN	Bachelor of Architecture	S
190823005	CHIRAG SHARMA	Bachelor of Architecture	G
190823019	VIDUSHI AGARWAL	Bachelor of Architecture	G
190823007	KUSHAGRA AGRAWAL	Bachelor of Architecture	S
190823001	AMAN KUMAR	Bachelor of Architecture	G
190823027	SAURABH CHAUHAN	Bachelor of Architecture	S
190823046	NABEEL SHAH	Bachelor of Architecture	S
190823023	KATYAYANI	Bachelor of Architecture	S
190823028	RAHIL DOGRA	Bachelor of Architecture	G
190823013	TIMOTHY BOVES	Bachelor of Architecture	G
190823034	UMAR FARUKH	Bachelor of Architecture	S
190823037	ZUBAIR SAIFI	Bachelor of Architecture	P
190823036	SHIV NARAYAN	Bachelor of Architecture	S
190823042	SUDHANSHU KOTALIA	Bachelor of Architecture	S
190823043	FEEUNA ALAM	Bachelor of Architecture	S
190823035	ZOHA MIRZA	Bachelor of Architecture	G
190823039	KHUSHI GARG	Bachelor of Architecture	G
190823045	INDU PATEL	Bachelor of Architecture	S

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190823038	AAMIR ALAM	Bachelor of Architecture	G
190823044	VAIBHAVI DHIMAN	Bachelor of Architecture	S
226698001	ANISHA DEB	Master of Plan Urban and Regional Planning	S

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DIT University, Dehradun