

# CAREER DEVELOPMENT CENTRE



Date: 22<sup>nd</sup> September 2019

## Subject: Value Added Trainings

### In School of School of Architecture, Planning & Design

#### Attention: B.Arch / M.Plan (Session-ODD-2019-20)

Above mentioned students are hereby informed that as per the approved value added trainings for the academic year 2019-2020, Career Development Centre offers the below mentioned trainings in the ODD Semester (2019-2020). Details as follows:

Training	Semester	Program	Duration	Date of Commencing
Arch-GIS (VAT-65)	6 <sup>th</sup> & 2 <sup>nd</sup>	B.Arch-4th Year & M.Plan-1st Year	32 Hrs	3-10-2019

**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*  
Gaurav Singh  
Head, 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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## 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 3-10-2019 to 10 -11-2019 (5:00 PM to 6:00 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

### **Key learning:**



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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 freely 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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## Annexure - II

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

VAT Course Name: Arc-GIS Training

VAT Code: VAT 65

Duration in Hours: 32

Number of Students Enrolled: 50

Number of Students Completed: 50

**Grades:** G= GOOD ; S = Satisfactory ; P = Poor ; W = Withdraw

Student ID	Student Name	Program/Course	Year	Passing Grade
1508001077	NYAKEN BOMJEN	BArch	4th Year	G
160823003	JAYESH SINGH RAWAT	BArch	4th Year	S
160823022	RACHIT AGRAWAL	BArch	4th Year	S
160823010	MANIDIPA NEOGI	BArch	4th Year	G
160823016	MANAV GOYAL	BArch	4th Year	S
160823026	DEVANG SINGHAL	BArch	4th Year	S
160823039	YASHPAL KAINURA	BArch	4th Year	S
160823004	AVANTIKA AGARWAL	BArch	4th Year	G
160823044	PREKSHA JINDAL	BArch	4th Year	S
160823021	JASNEET SINGH BUMRA	BArch	4th Year	S
160823028	NITIN KUMAR TRIPATHI	BArch	4th Year	G
160823029	MANISHA NEPANE	BArch	4th Year	S
160823025	ARSHI KHAN	BArch	4th Year	G
160823030	KRASHANG GIRI GOSWAMI	BArch	4th Year	S
160823041	SURBHI RANA	BArch	4th Year	S
160823037	SWAPNIL JAISWAL	BArch	4th Year	G
160823019	ANUSHKA KULSHRESTHA	BArch	4th Year	S
160823036	SAKSHI CHAUHAN	BArch	4th Year	S
160823038	SAKSHI BHATT	BArch	4th Year	S
160823031	SHWETA SINGH	BArch	4th Year	G
160823015	ROHIT KUMAR JHA	BArch	4th Year	S
160823020	MANVI PRUSTY	BArch	4th Year	S
160823013	VEDANT ANAND	BArch	4th Year	G
160823033	SHUBHANK ROULANIYA	BArch	4th Year	S
160823035	KAUSHAL SINGH	BArch	4th Year	G
160823008	HARSHIT AGARWAL	BArch	4th Year	S
160823034	DEEPANITA DASH	BArch	4th Year	S
160823043	SIDDHANT SINGH	BArch	4th Year	G
160823018	PRATIBHA BHANU	BArch	4th Year	S
160823032	ANUSHREE KHANNA	BArch	4th Year	S
160823024	JYOTISHMAN BORAH	BArch	4th Year	S
160823002	DEEP PRAKASH GUPTA	BArch	4th Year	G
160823014	DEEPAK SINGH	BArch	4th Year	S
160823027	SUYASH SINGH	BArch	4th Year	S
160823017	NIKHIL KALA	BArch	4th Year	G
160823047	KARTIKEYA SINGH BISHT	BArch	4th Year	S
160823009	KIRTEE SINGH	BArch	4th Year	G
160823023	OSHIMA BHATIA	BArch	4th Year	S
160823012	RISHIKA GOEL	BArch	4th Year	S
160823007	NILAY DUTTA	BArch	4th Year	G

*Received*  
*Prakash*  
Head - CDC  
Career Development Cell  
DIT University, Dehradun

  
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160823042	VAISHALI DHYANI	BArch	4th Year	S
160823045	AYASHKANT ASHISH	BArch	4th Year	S
160823006	VIBHOR SRIVASTAVA	BArch	4th Year	S
160823046	ANSH AGARWAL	BArch	4th Year	G
160823048	AKASH SAINI	BArch	4th Year	S
160823051	VANSHIKA MITTAL	BArch	4th Year	S
160823049	AKSCHAT MATHUR	BArch	4th Year	G
160823050	DARSHIKA RAJPUT	BArch	4th Year	S
160823052	NAVEEN DIXIT	BArch	4th Year	G
160823053	AAKRITI AGRAWAL	BArch	4th Year	S



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