

# CAREER DEVELOPMENT CENTRE



Date: 10<sup>th</sup> August 2020

## Subject: Value Added Trainings

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

#### Attention: B.Arch (Session-ODD-2020-21)

Above mentioned students are hereby informed that as per the approved value added trainings for the academic year 2020-21, Career Development Centre offers the below mentioned trainings in the ODD Semester (2020-21). Details as follows:

Training	Semester	Program	Duration	Date of Commencing
Arch-GIS(VAT-65)	5 <sup>th</sup>	B.Arch-4th Year	32 Hrs	5 <sup>th</sup> September 2020

#### NOTE:

1. The training will run in online mode (till further notice) on MS Team. Students will be assigned batch (as per the schedule) and will be added to their respective MS Teams.
2. It is suggested to all the above-mentioned students to attend the training (detailed schedule will be shared in your respective batch on MS Team).
3. The Department concerned shall notify the details about timings and MS Team batch of the training sessions. In case of any query please contact the Career Development Centre, DIT University.

**Gaurav Singh**  
Head - CDC Cell  
Career Development Centre  
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- 4<sup>th</sup> Year (V<sup>th</sup> Semester) program**, the platform for the training was MS Team as the training was conducted online due to Covid guidelines. It was conducted by the School of Architecture, Planning and Design, from **5<sup>th</sup> September 2020 to 26<sup>th</sup> September 2020** and the Coordinator / 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 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: 2020-21)

VAT Course Name: Arc-GIS Training

VAT Code: VAT 65

Duration in Hours: 32

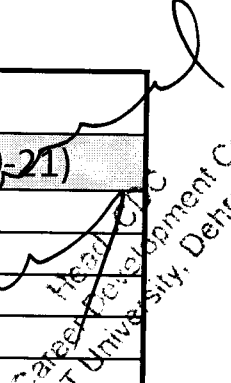
Number of Students Enrolled: 57

Number of Students Completed: 57

**Grades:**

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

Student ID	Student Name	Program/Course	Year	Passing Grade
170823044	MOHAMMAD ASIF	BArch	4th Year	S
170823060	ADITI SONI .	BArch	4th Year	S
170823057	RUDRAKSH .	BArch	4th Year	S
170823059	SHIVAM VAGESHWAR	BArch	4th Year	G
170823038	APARNA VERMA	BArch	4th Year	G
170823004	RUPAL NARESH BHARDA	BArch	4th Year	S
170823058	BHAGYASHREE .	BArch	4th Year	S
170823003	VASHVI K KUMAR	BArch	4th Year	G
170823019	MAHAK AGARWAL .	BArch	4th Year	G
170823002	SHIVANI BASSI	BArch	4th Year	S
170823014	AMRITJEET KAUR	BArch	4th Year	S
170823025	ARCHIT GAKHAR .	BArch	4th Year	G
170823015	PRASHANT MANOHAR	BArch	4th Year	S
170823029	SHASHANK SHEKHAR PANDEY	BArch	4th Year	S
170823046	DISHA CHUGH	BArch	4th Year	G
170823001	BHUMIKA BISHT	BArch	4th Year	G
170823008	SUTANNI CHATTERJEE	BArch	4th Year	S
170823024	ELSA FATIMA	BArch	4th Year	S
170823028	RADHIKA SINGH	BArch	4th Year	G
170823037	SHIKHA .	BArch	4th Year	G
170823040	ANUTOSH BAJPAI	BArch	4th Year	S
170823013	SREEJITH .	BArch	4th Year	S
170823054	VANSHIKA AGRAWAL	BArch	4th Year	G
170823026	PRATYUSH MUND	BArch	4th Year	G
170823006	DEVESHWAR SEN	BArch	4th Year	S
170823010	PERI VIDYA	BArch	4th Year	S
170823032	SHUBHAM KUMAR .	BArch	4th Year	G
171376006	VANSHITA AERAN	BArch	4th Year	S
170823027	TANYA VASUDEVA	BArch	4th Year	S
170823052	MUSKAN JAIN .	BArch	4th Year	G
170823023	TUSHAR BHATIA	BArch	4th Year	G
170823050	ABDUL KARIM	BArch	4th Year	S
170823022	RUCHI RAJ	BArch	4th Year	S
170823042	RANDEEP KAMBOJ	BArch	4th Year	G
170823009	SWARNIM SAWARN	BArch	4th Year	G
170823018	SANKRITA SIVAM	BArch	4th Year	G
170823007	DEEKSHA PALYAL	BArch	4th Year	S
170823051	SURAJ RAWAT	BArch	4th Year	S
170823016	SACHI ANAND	BArch	4th Year	G

  
 Head of C  
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170823020	BHARAT KANDPAL	BArch	4th Year	S
170823056	SHWETA SINGH	BArch	4th Year	S
170823041	YASH SHARMA	BArch	4th Year	G
170823049	SNEHA SINGH	BArch	4th Year	G
170823031	AKANKSHA MITTAL	BArch	4th Year	S
170823035	PRACHEE BATRA	BArch	4th Year	S
170823033	AYUSH CHAUHAN	BArch	4th Year	G
170823048	VAIBHAVI GOEL	BArch	4th Year	S
170823021	SHREYA SINHA	BArch	4th Year	S
170823036	GAURISHA BHATIA	BArch	4th Year	G
170823012	SATABDI PAL	BArch	4th Year	G
170823017	PREETI RAWAT	BArch	4th Year	S
170823005	AYUSH KASHYAP DATTA	BArch	4th Year	S
170823039	NEHA PRAJAPATI	BArch	4th Year	S
170823045	AMAN CHAUHAN	BArch	4th Year	G
170823034	KHALIDA PARVEEN .	BArch	4th Year	G
170823055	SHIWANI ARORA	BArch	4th Year	S
170823043	PARTH SAXENA	BArch	4th Year	S

  
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