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OFFICE OF THE REGISTRAR



Ref.REG/14/053/10/2021/089

11/10/2021

NOTICE

Subject: Schedule for Technical Training – GIS (Q GIS Software)

Attention: Students of B.Tech (Civil Engineering), 5th Semester & 7th Semester

It is hereby informed that the Technical Training – GIS will be held from **13 October to 02 November 2021** for the **students** of B.Tech (Civil Engineering) 5th & 7th Semester.

NOTE:

1. The Training is mandatory for all the students. List is enclosed herewith.
2. The Training will be in offline mode.
3. Detailed Schedule will be shared by CDC shortly.



Registrar

Enclosed: As above

To:

- All HoDs – to disseminate information among students
- Head CDC – Ensure COVID-19 protocols are followed

Copy to:

- Hon'ble Chairman
- Hon'ble Chancellor
- Hon'ble Vice Chancellor
- Hon'ble Pro Vice Chancellor
- All Directors / Deans / HoDs

} For information please



Registrar
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39	1000013783	190101038	Utkarsh Tyagi
40	1000012573	190101021	Vishal Chaudhary
41	1000012292	190101009	Vishesh Srivastava
42	1000012374	190101001	Yuvika Singh

7th Semester Students			
Sr. No.	SAP ID	Roll No.	Name of Student
1	1000012193	190101909	Abdul Aziz
2	1000011839	180101047	Abhishek Kumar
3	1000013595	190101922	Abhishek Sharma
4	1000013537	190101911	Akanksha Rawat
5	1000010942	180101035	Akshat Bisht
6	1000011078	180101002	Akshay Bhatia
7	1000010911	180101015	Ali Abid
8	1000011314	180101014	Amit Singh Rawat
9	1000011021	180101023	Aniruddha Reang
10	1000011704	180101026	Anuj Kotwal
11	1000010868	180101004	Anurag Kumar
12	1000011703	180101029	Arjun Dev Singh
13	1000010929	180101019	Arpan Agrawal
14	1000012172	190101904	Aryan Kumar Raj
15	1000010898	180101006	Ashutosh Nautiyal
16	1000011204	180101024	Asmit Kumar Singh
17	1000010184	180101007	Atul Lohani
18	1000013607	190101921	Ayush Bisht
19	1000013776	190101931	Bani Chauhan
20	1000013299	190101903	Dikshant Bisht
21	1000011730	180101037	Divyanshu Rawat
22	1000013262	190101906	Gaurav Dubey
23	1000013286	190101907	Gaurav Kathait
24	1000010647	180106025	Harshit Sahni
25	1000011555	180101018	Hemant Chaurasia
26	1000011726	180101042	Himanshu Rai
27	1000011778	180101043	Himanshu Singh
28	1000010644	180101008	Jaikrit Sharma
29	1000013772	190101930	Jitendra Singh Negi
30	1000013473	190101910	Kanishk Pundir
31	1000010904	180101010	Lakshay Dayal

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DIT University, Dehradun

Established vide Uttarakhand Act No. 10 of 2013
Recognized by UGC under Section 2(f) of the UGC Act, 1956

DITUNIVERSITY.EDU.IN

Ref. No. CIPU/Dehradun/2021-22/10019

Date 30/11/2021

CETPA TRAINING DEVELOPMENT PLACEMENT www.cetpainfotech.com		Tax Invoice Inv. No: 3219602743			
Invoice No: CIPU/Dehradun/2021-22/10019		Date: 30/11/2021			
State: Uttarakhand		State code: 05			
Client Name: DIT University, Dehradun		GSTIN No: 05AACCC7355F3Z5			
Address: Mussoorie, Diversion Road, MaklaWala, Uttarakhand 248009					
Client GSTIN: 05AAAAI0193DZ77 State: UTTARAKHAND					
SLNO.	Description	SAC	No of Candidates	Rate of per Candidate	Total
1	40 HOURS TRAINING ON OGIS FOR CIVIL BRANCH	999293	65	4250.00	276250.00
Net Amt: 276250.00					
CGST 9% 24862.50					
SGST 9% 24862.50					
IGST 0%					
LESS: ROUND OFF 0.00					
Grand Total 325975.00					
Amount Chargeable (Rupees Three Lac Twenty Five Thousand Nine Hundred Seventy five only)		State Tax		Integrated Tax	
SAC Code	Taxable value	Rate	Amount	Rate	Amount
999293	276250	9%	24863	18%	49725
If pay by transfer, please remit funds to:					
Bank Name: BANK OF BARODA					
Account Holder: Cetpa Infotech Pvt Ltd					
Account No: 62050400000004 Type: CURRENT					
IFSC CODE: BARB0VJROOR, Branch: ROORKEE					
Customer's Seal and Signature					
Payment Term: Payment to be made right now.					
Authorized Signatory:					

Approved
RGS Far
Sticker



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OS

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CETPA INFOTECH PVT. LTD. DEHRADUN

ISO 9001:2015 CEERTIFIED

1. Course Introduction

1.1. Foreword

1.2. Preparing Exercise Data

2. Module: The Interface

2.1. Lesson: A Brief Introduction

2.2. Lesson: Adding your first layer

2.3. Lesson: An Overview of the Interface

3. Module: Creating a Basic Map

3.1. Lesson: Working with Vector Data

3.2. Lesson: Symbology

4. Module: Classifying Vector Data

4.1. Lesson: Attribute Data

4.2. Lesson: The Label Tool

4.3. Lesson: Classification

5. Module: Creating Maps

5.1. Lesson: Using Map Composer

5.2. Assignment 1

6. Module: Creating Vector Data

6.1. Lesson: Creating a New Vector Dataset



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14.2. Analyze the data

14.3. Final Map

15. Module: Forestry Application

15.1. Lesson: Forestry Module Presentation

15.2. Lesson: Georeferencing a Map

15.3. Lesson: Digitizing Forest Stands

15.4. Lesson: Updating Forest Stands

15.5. Lesson: Systematic Sampling Design

15.6. Lesson: Creating Detailed Maps with the Atlas Tool

15.7. Lesson: Calculating the Forest Parameters

15.8. Lesson: DEM from LiDAR Data

15.9. Lesson: Map Presentation

16. The QGIS processing guide

16.1. Introduction

16.2. An important warning before starting

16.3. Setting-up the processing framework

16.4. Running our first algorithm. The toolbox

16.5. More algorithms and data types

16.6. CRSs. Reprojecting

16.7. Selection

16.8. Running an external algorithm

16.9. The processing log

16.10. The raster calculator. No-data values

16.11. Vector calculator

16.12. Defining extents

17. Module: Using Spatial Databases in QGIS

17.1. Lesson: Working with Databases in the QGIS Browser

17.2. Lesson: Using DB Manager to work with Spatial Databases in QGIS

17.3. Lesson: Working with spatialite databases in QGIS

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VAT 78- Technical Training-QGIS

Course: -B. Tech.CE-3rd & 4th Year

Venue:- Vishveshwarya-101

Conducted By- Cetpa Infotech Pvt. Ltd.

Date:-13th October – 2nd November 2021

Duration:-40 Hrs.

Timings:- 4:00 PM-6:00 PM

Description

Do you need to use GIS and spatial analysis in your work but don't know how to apply these analyses and don't know software to use for GIS-related work?

Do you find GIS books and QGIS manuals not practical and looking for a course that takes you by hand, teach you all the concepts, and get you started on a real-life GIS project?

Quantum GIS (QGIS) is an **open-source Geographic Information System** that supports most geospatial vector and raster file types and database formats. The program offers wide GIS functionality, with a variety of mapping features and data editing. This enables cutting-edge, global-scale analysis and visualization.

The course provides you with all the necessary theoretical knowledge and practical skills to implement **PRACTICAL GIS analysis** in QGIS software starting with the basics concepts of GIS and Remote Sensing and equipping you with all necessary knowledge and skills to implement your own independent **GIS and Remote Sensing analysis in great QGIS open-source software!**

Requirements

- Students need no prior knowledge of GIS or QGIS
- Computer using basics (if You know where is right mouse button You're good to go)

This fundamental course is designed to equip you with the theoretical and practical knowledge of applied GIS analysis.

By the end of the course, you will:

- Learn how to install QGIS and work with QGIS and its plug-ins: Semi-Automatic Classification Plug-in (SCP), TrendsEarth, Google Earth Engine plug-in, SAGA and OTB processing toolboxes etc
- Feel confident and completely understand the basics of GIS and Remote Sensing and its main components,
- Learn all basics and core GIS data operations (vector and raster data as well as satellite imagery) and learn how to conduct GIS projects.



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Annexure - II

Value added course Details (Academic Year: 2021-22)

VAT Course Name: Q-GIS Training

VAT Code: VAT 78

Duration in Hours: 40

Number of Students Enrolled: 108

Number of Students Completed: 65

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

Student ID	Student Name	Program/Course	Year	Passing Grade
200101904	A.G. John Pole Chakma	BTCE	3rd Year	S
190101003	Aayush Nath	BTCE	3rd Year	S
190101007	Aayushi Anand	BTCE	3rd Year	P
190101027	Abdul Rafey	BTCE	3rd Year	G
190101016	Abhinav Saraswat	BTCE	3rd Year	P
190101006	Abhinav Shukla	BTCE	3rd Year	S
200101900	Abhishek Rana	BTCE	3rd Year	P
200101905	Akarsh Kaintura	BTCE	3rd Year	P
190101020	Ameesha Upadhyay	BTCE	3rd Year	S
190101037	Anil Tamang	BTCE	3rd Year	S
190101024	Ankur Rana	BTCE	3rd Year	G
190101010	Anmol Sharma	BTCE	3rd Year	P
190101040	Aparna Deo	BTCE	3rd Year	S
190101022	Avinash Kumar Pandey	BTCE	3rd Year	P
190101005	Ayush Dwivedi	BTCE	3rd Year	S
190101035	Dheeraj Singh	BTCE	3rd Year	P
190101026	Digyanshu Paliwal	BTCE	3rd Year	S
190101023	Fayque Hasan Jamali	BTCE	3rd Year	P
190101012	Hashir Ansari	BTCE	3rd Year	S
190101004	Hrithik Raj Patel	BTCE	3rd Year	G
190101019	Kamya Rastogi	BTCE	3rd Year	P
190101015	Madhumita Mishra	BTCE	3rd Year	P
190101002	Mohit Singh Ghugtayal	BTCE	3rd Year	G
190101025	Nikhilesh Negi	BTCE	3rd Year	G
200101910	Pranav Vashistha	BTCE	3rd Year	P
190101011	Prashant Rana	BTCE	3rd Year	G
190101013	Priya Ramesh Singh	BTCE	3rd Year	P
190101033	Priya Sharma	BTCE	3rd Year	G
200101903	Raghav Sharma	BTCE	3rd Year	S
190101008	Rahul Ranjan	BTCE	3rd Year	P
200101901	Rajesh Singh	BTCE	3rd Year	S
190101014	Ravi Ranjan Singh	BTCE	3rd Year	P
190101018	Ria Bisht	BTCE	3rd Year	G
190101017	Robin Kumar	BTCE	3rd Year	P
190101039	Santosh Raneni	BTCE	3rd Year	S
190101031	Shayna Lakhotra	BTCE	3rd Year	P
180101033	Shoeb Malik	BTCE	3rd Year	S
200101902	Sumit Panwar	BTCE	3rd Year	P
190101038	Utkarsh Tyagi	BTCE	3rd Year	S
190101021	Vishal Chaudhary	BTCE	3rd Year	P

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190101009	Vishesh Srivastava	BTCE	3rd Year	S
190101001	Yuvika Singh	BTCE	3rd Year	S
190101909	Abdul Aziz	BTCE	4th Year	P
180101047	Abhishek Kumar	BTCE	4th Year	S
190101922	Abhishek Sharma	BTCE	4th Year	P
190101911	Akanksha Rawat	BTCE	4th Year	P
180101035	Akshat Bisht	BTCE	4th Year	S
180101002	Akshay Bhatia	BTCE	4th Year	G
180101015	Ali Abid	BTCE	4th Year	P
180101014	Amit Singh Rawat	BTCE	4th Year	S
180101023	Aniruddha Reang	BTCE	4th Year	P
180101026	Anuj Kotwal	BTCE	4th Year	G
180101004	Anurag Kumar	BTCE	4th Year	P
180101029	Arjun Dev Singh	BTCE	4th Year	P
180101019	Arpan Agrawal	BTCE	4th Year	S
190101904	Aryan Kumar Raj	BTCE	4th Year	P
180101006	Ashutosh Nautiyal	BTCE	4th Year	S
180101024	Asmit Kumar Singh	BTCE	4th Year	P
180101007	Atul Lohani	BTCE	4th Year	S
190101921	Ayush Bisht	BTCE	4th Year	P
190101931	Bani Chauhan	BTCE	4th Year	S
190101903	Dikshant Bisht	BTCE	4th Year	P
180101037	Divyanshu Rawat	BTCE	4th Year	S
190101906	Gaurav Dubey	BTCE	4th Year	G
190101907	Gaurav Kathait	BTCE	4th Year	G
180106025	Harshit Sahni	BTCE	4th Year	P
180101018	Hemant Chaurasia	BTCE	4th Year	S
180101042	Himanshu Rai	BTCE	4th Year	P
180101043	Himanshu Singh	BTCE	4th Year	S
180101008	Jaikrit Sharma	BTCE	4th Year	P
190101930	Jitendra Singh Negi	BTCE	4th Year	G
190101910	Kanishk Pundir	BTCE	4th Year	S
180101010	Lakshay Dayal	BTCE	4th Year	P
180101016	Lakshay Sharma	BTCE	4th Year	S
190101926	Lalit Gaur	BTCE	4th Year	P
180101036	Manav Renu	BTCE	4th Year	G
180101001	Mayank Dhiman	BTCE	4th Year	G
190101908	Md Sayed Farhan	BTCE	4th Year	S
180101028	Megha Kukreti	BTCE	4th Year	S
190101929	Mohd Amaan Azeem	BTCE	4th Year	G
180101027	Mridul Jain	BTCE	4th Year	G
190101932	Mukul Nepane	BTCE	4th Year	P
170101024	Nalinesh Kumar	BTCE	4th Year	S
180101041	Neetlaksh Manohar Arun	BTCE	4th Year	G
180101017	Nitin Bhatt	BTCE	4th Year	P
180101032	Pawan Tiwari	BTCE	4th Year	S
190101924	Pravesh Uniyal	BTCE	4th Year	P
180101030	Prince Saini	BTCE	4th Year	G
190101920	Rajat Purohit	BTCE	4th Year	P
180101012	Ramandeep Pharswan	BTCE	4th Year	S
190101905	Ravishankar Singh Rawat	BTCE	4th Year	P
180101009	Riya Mittal	BTCE	4th Year	P
180101046	Rohit S Bisht	BTCE	4th Year	P
180113033	Sachin Gandash	BTCE	4th Year	S
190101925	Sachin Negi	BTCE	4th Year	G
190101923	Saif Malik	BTCE	4th Year	G
180111038	Sarita Bisht	BTCE	4th Year	S
190101933	Shubham Rawat	BTCE	4th Year	S

V. Singh

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180101044	Siddhant Kathayat	BTCE	4th Year	S
180101021	Siddharth Srivastava	BTCE	4th Year	S
180101022	Sparsh Parmar	BTCE	4th Year	S
190101928	Sumit Singh Pundir	BTCE	4th Year	S
190101902	Sumit Singh Sinwal	BTCE	4th Year	P
180101031	Surya Pratap	BTCE	4th Year	P
180101050	Vijayant Sri Mahika	BTCE	4th Year	S
180101048	Vikash Devlal	BTCE	4th Year	S
180101034	Vikul	BTCE	4th Year	G
190101927	Vishal Rawat	BTCE	4th Year	G

Submitted
HOD, CDC
Career Development Cell
DIT University, Dehradun
(Signature)

(Signature)

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