

# **SLOW LEARNERS REPORT**

**DEPARTMENT OF CIVIL ENGINEERING**

**SESSION 2020-21**



**FACULTY OF TECHNOLOGY  
QUANTUM UNIVERSITY, ROORKEE**

  
HEAD OF DEPARTMENT  
Dept. of Civil Engineering  
Quantum University, Roorkee

  
Registrar  
Quantum University



Students who carry less than 60% Marks in different subjects in Mid Sem Exam (conducted in online mode) counted as slow learner.

Marks of Mid Sem Exam (Online Mode)					
StudentID	Student Name	Advance Structural Analysis (Out of 40)	Geology & Soil Mechanics (Out of 40)	Design of Steel Structures (Out of 40)	Transportation Engineering (Out of 40)
18010105001	AMAN KUMAR	40	38	39	36
18010105008	ANAND SAHA	38	35	39	35
18010105002	DEEPANSHU KAMBOJ	31	23	30	25
19030103	GOURAV KAMBOJ	38	32	40	37
19030242	KENJAL KUSUM TIGGA	39	14	31	31
18010105004	NEWTON SK	40	37	38	34
18010105007	PRINCE KUMAR	40	34	38	36
19030104	VANSH GUPTA	40	39	40	34

List of Slow Learners in individual subjects				
Bachelor of Technology in Civil Engineering				
S.No.	Semester	Subject Name (Subject Code)	Name of Students	No. of Students Identified
1	SEM-5	Geology & Soil Mechanics (CE3502)	DEEPANSHU KAMBOJ	02
			KENJAL KUSUM TIGGA	

HEAD OF DEPARTMENT  
Dept. of Civil Engineering  
Quantum University, Roorkee

Registrar  
Quantum University



---

## NOTICE FOR REMEDIAL CLASSES

---

Dated: October 27, 2020

As per the evaluation of the Mid-Term (odd) examination(held in Online Mode due to covid-19)conducted by the Department of Civil Engineering, some students have been identified as slow and advanced Learners.

For the improvement of the Slow Learner's department has decided to conduct the remedial classes in online mode from 28/10/2020 to 21/11/2020.

Timetable is put on the Whatsapp group.

  
**Karan Babbar**  
Coordinator,

Department of Civil Engineering  
Quantum University, Roorkee  
Uttarakhand

  
HEAD OF DEPARTMENT  
Dept. of Civil Engineering  
Quantum University, Roorkee



### Time Table for Remedial Classes

Time-Table for Slow Learners (Online mode due to covid-19)								
Bachelor of Technology in Civil Engineering								
Semester-5th								
S.No.	No. of students identified	Name of Students	Subject_Name	Faculty Name	Date			
1	02	Deepanshu Kamboj	Geology & Soil Mechanics	Mr. Karan Babbar	28-10-2020 / (2:30 PM to 3:30 PM)	31-10-2020 / (2:30 PM to 3:30 PM)	02-11-2020 / (2:30 PM to 3:30 PM)	07-11-2020 / (2:30 PM to 3:30 PM)
		Kenjal Kusum Tigga			09-11-2020 / (3:25 PM to 4:20 PM)	14-11-2020 / (3:25 PM to 4:20 PM)	16-11-2020 / (3:25 PM to 4:20 PM)	21-11-2020 / (3:25 PM to 4:20 PM)

### Topic covered in Remedial Classes

Topics Covered for Slow Learners	
Bachelor of Technology in Civil Engineering	
S.No.	Topics
1.	<p>Structure of earth, Rock forming minerals, classification of rock and their engineering properties. Strike and Dip, faults, folds, joints, their formation and importance in respect of civil engineering structures. Soil formation, Soil types, composition, Constituents of soil and representation by a phase diagram, Definitions of void ratio, Porosity, Water content, Degree of saturation, Specific gravity, Unit weight, Bulk density/bulk unit weight, Dry unit weight, Saturated unit weight and submerged unit weight of soil grains and correlation between them.</p> <p>Particle size classification of soils- Unified soil classification system, IS soil classification system, field identification tests. Darcy's law, determination of permeability, equivalent permeability in stratified soils, in situ permeability test, 1-D flow, Laplace's equation, flow nets, seepage, uplift pressure, confined and unconfined flows.</p> <p>General principles of compaction, dry density –water content relationship, compaction tests, factors affecting compaction, field compaction techniques. Fundamentals, 1-D consolidation, normally and over-consolidated clays, void ratio – pressure relationships, compressibility characteristics, time rate of consolidation, coefficient of consolidation, curve fitting techniques.</p> <p>Principle of effective stress, Mohr-Coulomb failure criterion, direct shear test, unconfined compression test, Tri-axial shear test : consolidated drained, consolidated, vane shear test, mode of slopes failure mechanism, stability analysis of infinite slopes, Taylor's stability number.</p>

HEAD OF DEPARTMENT  
Dept. of Civil Engineering  
Quantum University, Roorkee

Registrar  
Quantum University



After taking the remedial classes it's observed on the behalf of End-Semester Examination that students crossed the criterion of slow learner.

### End Semester Examination Result of Slow Learner 2020-21

Bachelor of Technology in Civil Engineering

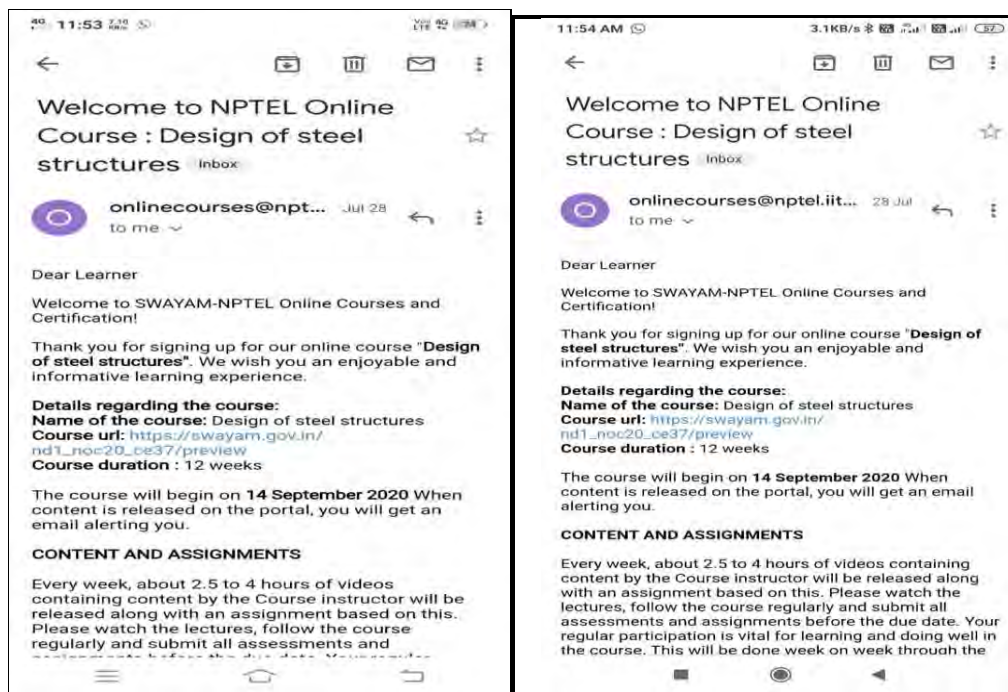
Subject: Geology and Soil Mechanics (CE3502)

<u>Student ID</u>	<u>Student Name</u>	<u>End Sem Marks</u> <u>(Out of 60)</u>	<u>Percentage</u>	<u>Earlier Marks in</u> <u>Mid Sem (40)</u>
18010105002	Deepanshu Kamboj	46	76.67	23
19030242	Kenjal Kusum Tigga	33	55.00	14

The accompanying table shows that Slow Learners benefited from remedial lessons and performed well on the subsequent exam,

Proof samples are attached here:

❖ Students are encouraged to register for NPTEL / MOOC / SWYAM courses



HEAD OF DEPARTMENT  
Dept. of Civil Engineering  
Quantum University, Roorkee

Registrar  
Quantum University







# Slow Learner

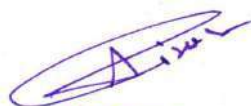
**Department of Computer Science & Engineering**

**Session- 2020-21**

**Faculty of Technology**  
**Quantum University, Roorkee**



HEAD OF DEPARTMENT  
Dept. of Computer Science & Engineering  
Quantum University, Roorkee



Registrar  
Quantum University



**A number of slow learners in the fifth semester of the B.Tech. in CSE have been recognized by the department of computer science and engineering based on**

- 1. Students who carry less than 40% Marks in different subjects in Mid-term examination (Online Due to Covid-19).**
- 2. Mid-term marks of Students in different subjects of B.Tech in CSE 5<sup>th</sup> Sem are given below:**

Mid Term Marks (5 <sup>th</sup> Sem) (Online due to Covid-19) Session:2020-21					
Bachelor of Technology in Computer Science & Engineering					
StudentID	Student Name	Subject Name			
		Foundation of Cloud Computing (Out of 40)	Design and Analysis of Algorithm (Out of 40)	Operating System (Out of 40)	Web Technology (Out of 40)
18010206005	AMRENDRA PRATAP SINGH	31	37	37	32
18010101004	APOORV GUPTA	26	34	38	33
18010101038	ASHUTOSH KUMAR	22	30	32	24
18010101006	DAYANAND JHA	24	38	39	33
18010101058	DEEPANSHU	20	33	35	36
18010206052	GOURAV KUMAR SAINI	25	39	37	35
18010101007	HAIDER GAUR	28	36	31	34
18010101061	HARSHIT RAI	24	35	29	30
18010101028	INSHA HAYAT	33	38	36	35
18010101010	KARAN DIXIT	19	35	36	33
18010101034	KAVITA KUMARI	24	35	33	35
19030105	KM NAHID	16	33	33	32
18010101052	MD NAYAB	17	38	31	32
18010101011	MOHD AYAN	22	37	39	37
18010101063	MOHD SHAHRUKH	17	37	36	38

18010101024	NIKITA GUPTA	30	37	37	35
18010101013	PARTH GARG	25	37	38	39
18010101029	RAHUL SHARMA	22	37	37	37
18010101015	SAHIL SHARMA	22	21	25	28
19030101	SARVAGYA PURI	16	34	35	35
18010101017	SAURABH GAUTAM	24	37	39	33
18010101039	SAURABH YADAV	16	33	31	34
18010101018	SHASHANK TYAGI	23	37	32	33
18010105006	SHIVAM SHARMA	23	33	38	33
18010101019	SHIVANK TYAGI	28	40	38	35
18010101020	SHIVRAJ GUPTA	23	36	34	38
18010101023	SURAJ SHARMA	31	38	34	33
18010101047	SURYAVEER RATHORE	19	37	37	36
18010101035	VED PRAKASH PANDEY	17	33	35	34
18010101036	VIKASH RAJ	14	34	22	30

**The department has recognized the (Yellow Highlighted) Slow Learner Students listed below, who have less than 40% of the midterm mark.**

List of Slow Learner				
Bachelor of Technology in Computer Science & Engineering				
S. No.	Semester	Subject	No. of Students Identified	Name of Students
1	Sem-5	Foundation of Cloud Computing	4	KM NAHID SARVAGYA PURI SAURABH YADAV VIKASH RAJ

HEAD OF DEPARTMENT  
Dept. of Computer Science & Engineering  
Quantum University, Roorkee

Registrar  
Quantum University






**To increase the overall performance of slow learner students department has**

1. Organized the online remedial courses (Twice in a week for three weeks) as per Time table mentioned below.
2. Offer learning materials for fields of study online.
3. Assign distinct online assignments for certain subjects.



HEAD OF DEPARTMENT  
Dept. of Computer Science & Engineering  
Quantum University, Roorkee



Registrar  
Quantum University

---

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

---

### NOTICE FOR ONLINE REMEDIAL CLASSES


**Dated: November 10, 2020**

As per the evaluation of the Mid-Term examination conducted by the Department of Computer Science & Engineering, some students have been identified as slow and advanced Learners.


For the improvement of the Slow Learner's, department has decided to conduct the **online remedial classes** for 3 weeks (2 days in a week).

So all the slow learner students must attend these classes. It is mandatory for all slow learners.

Timetable is put on the notice board.



**Mr. Satendra Kumar**  
Head of Department,  
Department of Computer Science & Engineering  
Quantum University, Roorkee  
Uttarakhand



**HEAD OF DEPARTMENT**  
Dept. of Computer Science & Engineering  
Quantum University, Roorkee



## Remedial Course Schedule

Online Remedial Classes for Slow learners(2020-21)			
Time Table			
Course:	Bachelor of Computer Science & Engineering	Year/Sem	3rdYear/5 <sup>th</sup> Sem
Date/Day	Time	Subject	
11/11/2020	2:30 PM- 3:10PM	Foundation of Cloud Computing	
18/11/2020	2:30 PM- 3:10PM	Foundation of Cloud Computing	
21/11/2020	2:30 PM- 3:10PM	Foundation of Cloud Computing	
25/11/2020	2:30 PM- 3:10PM	Foundation of Cloud Computing	
28/11/2020	2:30 PM- 3:10PM	Foundation of Cloud Computing	

## Remedial Course Topics

Bachelor of Technology in Computer Science & Engineering						
Topics of Remedial Class(Semester5th)						
Session:2020-21						
S.No.	Subject Name and Code	Topic-1	Topic-2	Topic-3	Topic-4	Topic-5
1	Foundation of Cloud Computing (CS3505)	Cloud computing – Cloud components, (IaaS, PaaS, SaaS), The GCP (Google cloud platform) console	Public, Private, Community & Hybrid clouds, IaaS with Compute Engine, PaaS with App	NoSQL managed service options, Cloud Datastore, a NoSQL document store, Cloud	Cloud SQL, Cloud IAM, Cloud Pub/Sub,	networking in the cloud, Virtual Private Cloud, Public and private IP address basics, Basics of VMWare

				Bigtable as a NoSQL		
--	--	--	--	------------------------	--	--

## After taking the online remedial classes, marks improved

StudentID	Student Name	Foundation of Cloud Computing (CS3505)  (Out of 60)
19030105	KM NAHID	42
19030101	SARVAGYA PURI	47
18010101039	SAURABH YADAV	46
18010101036	VIKASH RAJ	38



HEAD OF DEPARTMENT  
Dept. of Computer Science & Engineering  
Quantum University, Roorkee



Registrar  
Quantum University

