



COLLEGE OF ENGINEERING BHUBANESWAR

Plot No.1 (A), CNI Complex, Patia, Bhubaneswar – 751024, Odisha, India.

[AFFILIATED TO BPUT, ODISHA]

www.coeb.ac.in

DEPARTMENT OF CIVIL ENGINEERING

ADD-ON COURSE

Course Titles: Earth Science for Civil Engineering

Branch: Civil Engineering

Programme: B.Tech

Year of Student: 2nd Year

Course Objectives:

1. It gives basic knowledge of effect life on the Earth system directly such as climate change, global warming, using and wasting of natural resources, land use, environmental degradation, and biodiversity change.
2. Basic understandings on the atmosphere, hydrosphere, and lithosphere, including their interaction and interrelationships with the biosphere and antraposphere,
3. It gives basic knowledge of importance of geological structures in dams and tunnels, fluvial geomorphology and ground water, tsunami, landslide and flood hazard, mapping, monitoring and management of hazards.

SYLLABUS

Total Lecture Hours: 32

Module –I

10 Hours

Introduction to Geosciences in Civil Engineering, Plate Tectonics and Continental Drift: Major tectonic plates Minor tectonic plates, Significance of Plate Tectonics, Comparison: Continental Drift – See Floor Spreading – Plate Tectonics, Rock-forming Minerals and their properties: Minerals of the Oceanic Crust, Minerals of the Continental Crust.

Module –II

10 Hours

Seismology and internal Structure of the Earth, Introduction to Geological Hazards, Environmental impacts of Geological hazards: Speed of development, Evaluation and mitigation, Faults and it's type: Active faults and its related hazard in India, Active faults and its related hazard in India, Active faults Mapping and Applications.

Module –III

12 Hours

Tsunami and related hazard, Tsunami Hazard and Risk Assessment, Landslide and Subsidence, Flood and related hazard, Groundwater Engineering: Calculation of groundwater flow, Water wells, Issues in

groundwater. Applications of Earth Sciences in Civil Engineering, Civil Engineering applications – geological considerations in Rivers, Civil Engineering applications–geological considerations in Dams, Civil Engineering applications–geological considerations in Tunnels.

Course Outcomes:

After successfully completing the course, students will be able to;

CO1: Describe common earth materials and their relationship to environmental hazards.

CO2: Explain how earth processes create hazards to life and property;

CO3: Describe Earth’s major systems and explain how they interact.

CO4: Explain the importance of tsunamis, landslide and flood hazard, mapping, monitoring and management of hazards.

CO5: Explain the plate tectonic theory and explain its relationship to earth processes, features, and landforms

Text Books:

1. John Grotzinger, and Thomas H. Jordan, “*Understanding Earth*”, W.H.Freeman & Co Ltd, 5th edition, 2006.
2. Eddward A. Keller “*Environmental Geology*”, Pearson publisher, 9th edition, 2011.
3. U. Aswathanarayna, “*Geoenvironment*”, A A Balkema Publishers, 1st edition, 1995.
4. Horn, W.L., Macdonald, G.A., Bolt, B.A., and Scott, R.F. “*Geological Hazards: Earthquakes - Tsunamis - Volcanoes - Avalanches - Landslides – Floods*” Springer publisher, 1982

Digital Learning Resources

Course Name	Earth Science for Civil Engineering
Course Link	https://onlinecourses.nptel.ac.in/noc20_ce33/preview
Course Instructed	Prof. Javed N. Malik, Department of Civil Engineering IIT Kanpur

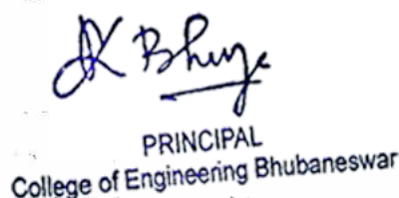
Evaluation Criteria:

- Mandatory attendance of 75% for each student.
- Conduction of two internal assessments and students has to secure 50% marks in each assessment.
- Certificates will be awarded to each student fulfilling the above criteria.

Design and developed by **Dr. H.Vijay Kumar and Ms.Sipra Mallick**


Principal

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H.O.D, Civil Engineering
H.O.D
Civil Engineering Department
College of Engineering, Bhubaneswar.



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NOTICE

Add On Certificate Courses 2020-2021

Ref No: COEB/CIVIL/2020/37

Date: 06/09/2020

It is for the information of all the students of 3rd /5th /7th semester B.Tech that the Department of Civil Engineering is going to start the following Add-on courses for Academic year 2020-2021 in ON_LINE Mode. All the students are instructed to enroll their names for the following courses on or before 12/09/2020. The classes will be commenced from **14/09/2020**. The students can contact their respective co-coordinators for enrollment and further detail.

Sl No.	Name of Add-on Course	Semester	Duration in Hrs	Name of Course Co-ordinators
1.	Earth Science for Civil Engineering	3 rd	36	Mrs. Nibedita Sahoo
2.	Introduction To Engineering Seismology	5 th	38	Mrs. Salini Patra
3.	Water Economics And Governance	7 th	40	Ms. Sipra Mallick

The class timing will be from 5.30 pm to 7.30 pm.

Mamata

HOD

Civil Engineering Department

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Civil Engineering Department
College of Engineering, Bhubaneswar

Copy to:

1. Office of the Registrar for kind Information.
2. Office of the Principal for kind information.
3. Departmental Notice Board.
4. Guard File

A. Bhuje

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COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
ADD-ON COURSE

STUDENT ENROLLMENT SHEET

Name of the Department: CIVIL ENGINEERING

Course Title: Earth Science for Civil Engineering



Semester : 3rd

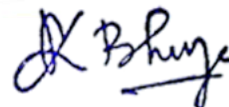
Academic Year: 2020-2021

ONLINE MODE

Student's Declaration/Undertaking

1. I do hereby undertake to participate in the above mentioned add on course.
2. I do hereby, promise to abide by the admissible rules and regulations, concerning discipline, attendance, etc. of the department, and also to follow the Code of Conduct prescribed for the students of the Institute, as in force from time to time.

Sl. No.	Registration No.	Name of the Student	Remarks by the Course Coordinator
1	1901219010	AKASHA NAIK	Certified that the Enrollment Sheet is prepared by taking the consents of the students to enroll themselves in this Certificate Course (Add-On) to be conducted in Virtual Mode (ON-LINE) during the Pandemic COVID'19 through the link to be provided by the department. They have also gone through the declaration/undertaking to be strictly abide by them during the course period. Course Coordinator (Signature with Seal)  
2	1901219011	CHANDRA HAS NAIK	
3	1901219012	CHITALU MARKAND	
4	1901219013	HEMANGINI TANDI	
5	1901219014	KANHU CHARAN JENA	
6	1901219015	KULDEEP BAGATI	
7	1901219016	PADMANAV PARIDA	
8	1901219017	PASWAN ANKIT KUMAR	
9	1901219018	PRIYANSHNU PRADHAN	
10	1901219019	ROHIT KUMAR	
11	1901219020	SAMARENDRA BISWAL	
12	1901219021	SUBHA SAGAR SAMAL	
13	1901219022	SURYAKANT SAMAL	
14	1901219167	AAGHANRAJ SOREN	
15	1901219168	ABHISHIKTA MOHANTY	
16	1901219169	AMBIKA MARNDI	
17	1901219170	AMRIT KUJUR	
18	1901219171	ANKIT KUMAR	
19	1901219172	ANKIT KUMAR MOHAPATRA	
20	1901219173	ASHA ANJELINA KIRO	
21	1901219174	ASHIS KUMAR BEHURA	
22	1901219175	ASHISH SETH	
23	1901219176	ASHUTOSH PATI	
24	1901219177	AVAY KUMAR	
25	1901219178	BHANUPRIYA HEMBRAM	
26	1901219179	BIKASH KUMAR PANDA	
27	1901219180	BIMAL PODHA	
28	1901219181	CHINMAYA KUMAR BEHERA	
29	1901219182	CHITTARANJAN SA	
30	1901219183	DEEPAK KUMAR MURMU	
31	1901219184	DEEPAK KUMAR SETHI	
32	1901219185	DHARITRI SINGHA	


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COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
ADD-ON COURSE

STUDENT ENROLLMENT SHEET

Name of the Department: CIVIL ENGINEERING

Course Title: Earth Science for Civil Engineering

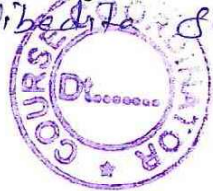
Semester : 3rd

Academic Year: 2020-2021

ONLINE MODE

Student's Declaration/Undertaking

1. I do hereby undertake to participate in the above mentioned add on course.
2. I do hereby, promise to abide by the admissible rules and regulations, concerning discipline, attendance, etc. of the department, and also to follow the Code of Conduct prescribed for the students of the Institute, as in force from time to time.

Sl. No.	Registration No.	Name of the Student	Remarks by the Course Coordinator	
33	1901219186	DIPTIRANJAN MAJHI	Certified that the Enrollment Sheet is prepared by taking the consents of the students to enroll themselves in this Certificate Course (Add-On) to be conducted in Virtual Mode (ON-LINE) during the Pandemic COVID'19 through the link to be provided by the department. They have also gone through the declaration/ undertaking to be strictly abide by them during the course period. Course Coordinator (Signature with Seal) <i>Mibedita Sahoo</i> 	
34	1901219187	EVANDEEP TIGGA		
35	1901219188	GANGADHAR MALIK		
36	1901219189	GIRITANAYA DAS		
37	1901219190	GYANARANJAN MALLIK		
38	1901219191	HIMANSHU BHUSAN SETHI		
39	1901219192	HRUDAYARANJAN DAS		
40	1901219193	JANMEJAYA SAHOO		
41	1901219194	JINGYANSU JITAPRANGYA SAHOO		
42	1901219195	KRUSHNA KANTA		
43	1901219196	KUNTALA PINGUA		
44	1901219197	LEEPIKA SAHU		
45	1901219198	LOKESH SAHOO		
46	1901219199	MANOJ KUMAR BEHERA		
47	1901219200	MONALISA SAMAL		
48	1901219201	MRUTUNJAY MOHANTY		
49	1901219202	NARENDRA MAJHI		
50	1901219203	NAVAKETAN BHOI		
51	1901219204	OMKARMAYEE BISHWAL		
52	1901219205	PALLAVI MISHRA		
53	1901219206	PARTHA SARATHI BISWAL		
54	1901219207	PARTHASARATHI MOHANTY		
55	1901219208	PRAVU PRASAD PARIJA		

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COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF CIVIL ENGINEERING

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

ONLINE MODE

Sheet No. 01

Programme: B.Tech in Civil Engineering

Semester: 3rd

Name of the Course: Earth Science for Civil Engineering

Duration : 36 My Academic Year: 2020-21

Date & Signature of the Student

Remarks

Sl. NO.	REGISTRATION NO.	NAME OF THE STUDENT	Date: 14/09/20	Date: 15/09/20	Date: 16/09/20	Date: 17/09/20	Date: 18/09/20	Date: 19/09/20	Date: 20/09/20	Date: 21/09/20	Date: 22/09/20	Date: 23/09/20	Date: 24/09/20	Date: 25/09/20	Date: 26/09/20
1	1901219010	AKASHA NAIK	P	P	P	P	P	P	P	P	P	P	P	P	P
2	1901219011	CHANDRA HAS NAIK	P	A	P	P	P	P	P	P	P	P	P	P	P
3	1901219012	CHITALJU MARKAND	P	P	P	P	P	P	P	P	P	P	P	P	P
4	1901219013	HEMANGINI TANDI	P	P	P	P	P	P	P	P	P	P	P	P	P
5	1901219014	KANHU CHARAN JENA	P	P	P	P	P	P	P	P	P	P	P	P	P
6	1901219015	KULDEEP BAGATI	P	P	P	P	P	P	P	P	P	P	P	P	P
7	1901219016	PADMANAV PARIDA	P	P	P	P	P	P	P	P	P	P	P	P	P
8	1901219017	PASWAN ANKIT KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P
9	1901219018	PRIYANSHU PRADHAN	A	A	P	P	P	P	P	P	P	P	P	P	P
10	1901219019	ROHIT KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P
11	1901219020	SAMARENDRA BISWAL	P	P	P	P	P	P	P	P	P	P	P	P	P
12	1901219021	SUBHA SAGAR SAMAL	P	P	P	P	P	P	P	P	P	P	P	P	P
13	1901219022	SURYAKANT SAMAL	P	P	P	P	P	P	P	P	P	P	P	P	P
14	1901219167	AAGHANRAJ SOREN	P	P	P	P	P	P	P	P	P	P	P	P	P
15	1901219168	ABHISHIKTA MOHANTY	P	P	P	P	P	P	P	P	P	P	P	P	P
16	1901219169	AMBIKA MARRNDI	P	P	P	P	P	P	P	P	P	P	P	P	P
17	1901219170	AMRIT KUJUR	A	P	P	P	P	P	P	P	P	P	P	P	P
18	1901219171	ANKIT KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P
19	1901219172	ANKIT KUMAR MOHAPATRA	P	P	P	P	P	P	P	P	P	P	P	P	P
20	1901219173	ASHA ANJELINA KIRO	P	P	P	P	P	P	P	P	P	P	P	P	P
21	1901219174	ASHIS KUMAR BEHURA	P	A	P	P	P	P	P	P	P	P	P	P	P
22	1901219175	ASHISH SETHI	P	P	P	P	P	P	P	P	P	P	P	P	P
23	1901219176	ASHUTOSH PATI	P	P	P	P	P	P	P	P	P	P	P	P	P
24	1901219177	AVAY KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P
25	1901219178	BHANUPRIYA HEMBRAM	P	P	P	P	P	P	P	P	P	P	P	P	P
26	1901219179	BIKASH KUMAR PANDA	P	P	P	P	P	P	P	P	P	P	P	P	P
27	1901219180	BIMAL PODHA	P	P	P	P	P	P	P	P	P	P	P	P	P

Signature of the Course Coordinator

College of Engineering Bhubaneswar

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[Signature]
Signature with Seal



COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF CIVIL ENGINEERING
ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

ONLINE MODE

Programme: B. Tech in Civil Engineering

Semester: 3rd

Sheet No. 01

Name of the Course: Earth Science for Civil Engineering

Duration : 26th
Academic Year: 2020-21

SL. NO. REGISTRATION NO.

NAME OF THE STUDENT

Date & Signature of the Student

Remarks

SL. NO.	REGISTRATION NO.	NAME OF THE STUDENT	Date: 15/01/20	Date: 15/01/20	Date: 16/01/20	Date: 18/01/20	Date: 19/01/20	Date: 22/01/20	Date: 23/01/20
28	1901219181	CHINMAYA KUMAR BEHERA	P	P	A	P	P	P	P
29	1901219182	CHITTARANJAN SA	P	P	P	P	P	P	P
30	1901219183	DEEPAK KUMAR MURMU	P	P	P	P	P	P	P
31	1901219184	DEEPAK KUMAR SETHI	P	P	P	P	P	P	P
32	1901219185	DHARITRI SINGHA	P	P	P	P	P	P	P
33	1901219186	DIPPIRANJAN MAJHI	A	P	P	P	P	P	P
34	1901219187	EVANDEEP TIGGA	P	P	P	P	P	P	P
35	1901219188	GANGADHAR MALIK	P	P	P	P	P	P	P
36	1901219189	GIRITANAYA DAS	P	P	P	P	P	P	P
37	1901219190	GYANARANJAN MALLIK	P	P	P	P	P	P	P
38	1901219191	HIMANSHU BHUSAN SETHI	P	P	P	P	P	P	P
39	1901219192	HRUDAYARANJAN DAS	P	P	P	P	P	P	P
40	1901219193	JANMEJAYA SAHOO	P	A	P	P	P	P	P
41	1901219194	JINGYANSU JITAPRANGYA SAHOO	P	P	P	P	P	P	P
42	1901219195	KRUSHNA KANTA	P	A	P	P	P	P	A
43	1901219196	KUNTALA PINGUA	P	P	P	P	P	P	P
44	1901219197	LEEPKA SAHU	P	A	P	P	P	P	P
45	1901219198	LOKESH SAHOO	P	P	P	P	P	P	A
46	1901219199	MANOJ KUMAR BEHERA	P	P	P	P	P	P	P
47	1901219200	MONALISA SAMAL	P	P	P	P	P	P	P
48	1901219201	MRUTUNJAY MOHANTY	P	P	P	P	P	P	P
49	1901219202	NARENDRA MAJHI	P	P	P	P	P	P	P
50	1901219203	NAVAKETAN BHOI	P	P	P	P	P	P	P
51	1901219204	OMKARMA YEE BISHWAL	P	A	P	P	P	P	P
52	1901219205	PALLAVI MISHRA	P	P	P	P	P	P	P
53	1901219206	PARTHA SARATHI BISWAL	P	P	P	P	P	P	P

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Signature with Seal
Course Coordinator
Sa hoo

Signature of the Course Coordinator



COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF CIVIL ENGINEERING

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

ONLINE MODE
Sheet No. 02

Programme: B.Tech in Civil Engineering

Semester: 3rd

Name of the Course: Earth Science for Civil Engineering

Duration : 3hrs

Academic Year: 2020-21

Date & Signature of the Student

Remarks

SL. NO.	REGISTRATION NO.	NAME OF THE STUDENT	Date:	Date:	Date:	Date:	Date:	Date:	Date:	Date:	Remarks
1	1901219010	AKASHA NAIK	P	P	P	P	P	P	P	P	
2	1901219011	CHANDRA HAS NAIK	P	P	P	P	P	P	P	P	
3	1901219012	CHITALU MARKAND	P	P	P	P	P	P	P	P	
4	1901219013	HEMANGINI TANDI	P	P	P	P	P	P	P	P	
5	1901219014	KANHU CHARAN JENA	P	P	P	P	P	P	P	P	
6	1901219015	KULDEEP BAGATI	P	P	P	P	P	P	P	P	
7	1901219016	PADMANAV PARIDA	P	P	P	P	P	P	P	P	
8	1901219017	PASWAN ANKIT KUMAR	P	P	P	P	P	P	P	P	
9	1901219018	PRIYANSHU PRADHAN	P	P	P	P	P	P	P	P	
10	1901219019	ROHIT KUMAR	P	P	P	P	P	P	P	P	
11	1901219020	SAMARENDRA BISWAL	P	P	P	P	P	P	P	P	
12	1901219021	SUBHA SAGAR SAMAL	P	P	P	P	P	P	P	P	
13	1901219022	SURYAKANT SAMAL	P	P	P	P	P	P	P	P	
14	1901219167	AAGHANRAJ SOREN	P	P	P	P	P	P	P	P	
15	1901219168	ABHISHIKTA MOHANTY	P	P	P	P	P	P	P	P	
16	1901219169	AMBIKA MARNADI	P	P	P	P	P	P	P	P	
17	1901219170	AMRIT KUJUR	P	P	P	P	P	P	P	P	
18	1901219171	ANKIT KUMAR	P	P	P	P	P	P	P	P	
19	1901219172	ANKIT KUMAR MOHAPATRA	P	P	P	P	P	P	P	P	
20	1901219173	ASHA ANJELINA KIRO	P	P	P	P	P	P	P	P	
21	1901219174	ASHIS KUMAR BEHURA	P	P	P	P	P	P	P	P	
22	1901219175	ASHISH SETHI	P	P	P	P	P	P	P	P	
23	1901219176	ASHUTOSH PATI	P	P	P	P	P	P	P	P	
24	1901219177	AVAY KUMAR	P	P	P	P	P	P	P	P	
25	1901219178	BHANUPRIYA HEMBRAMI	P	P	P	P	P	P	P	P	
26	1901219179	BIKASH KUMAR PANDA	P	P	P	P	P	P	P	P	
27	1901219180	BIMAL PODHA	P	P	P	P	P	P	P	P	

[Signature]
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Course Coordinator
(Signature With Seal)
[Signature]
Nivedita Mishra
2020

Signature of the Course Coordinator



COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
 DEPARTMENT OF CIVIL ENGINEERING
 ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

ONLINE MODE
 Sheet No. 02

Programme: B.Tech in Civil Engineering

Semester: 3rd

Name of the Course: Earth Science for Civil Engineering

Duration : 3 & 1/2 Academic Year: 2020-21

Date & Signature of the Student

Remarks

Sl. NO.	REGISTRATION NO.	NAME OF THE STUDENT	Date:	Date:	Date:	Date:	Date:	Date:	Date:	Date:
28	1901219181	CHINMAYA KUMAR BEHERA	P	P	P	P	P	P	P	P
29	1901219182	CHITTARANJAN SA	P	P	P	P	P	P	P	P
30	1901219183	DEEPAK KUMAR MURMU	P	P	P	P	P	P	P	P
31	1901219184	DEEPAK KUMAR SETHI	P	P	P	P	P	P	P	P
32	1901219185	DHARITRI SINGHA	P	P	P	P	P	P	P	P
33	1901219186	DIPHIRANJAN MAJHI	P	P	P	P	P	P	P	P
34	1901219187	EVANDEEP TIGGA	P	P	P	P	P	P	P	P
35	1901219188	GANGADHAR MALIK	P	P	P	P	P	P	P	P
36	1901219189	GIRITANAYA DAS	P	P	P	P	P	P	P	P
37	1901219190	GYANARANJAN MALLIK	P	P	P	P	P	P	P	P
38	1901219191	HIMANSHU BHUSAN SETHI	P	P	P	P	P	P	P	P
39	1901219192	HRUDAYARANJAN DAS	P	P	P	P	P	P	P	P
40	1901219193	JANMEJAYA SAHOO	P	P	P	P	P	P	P	P
41	1901219194	JINGYANSU JITAPRANGYA SAHOO	P	P	P	P	P	P	P	P
42	1901219195	KRUSHNA KANTA	P	P	P	P	P	P	P	P
43	1901219196	KUNTALA PINGUA	P	P	P	P	P	P	P	P
44	1901219197	LEEPIKA SAHU	P	P	P	P	P	P	P	P
45	1901219198	LOKESH SAHOO	P	P	P	P	P	P	P	P
46	1901219199	MANOJ KUMAR BEHERA	P	P	P	P	P	P	P	P
47	1901219200	MONALISA SAMAL	P	P	P	P	P	P	P	P
48	1901219201	MRUTUNJAY MOHANTY	P	P	P	P	P	P	P	P
49	1901219202	NARENDRA MAJHI	P	P	P	P	P	P	P	P
50	1901219203	NAVAKETAN BHOI	P	P	P	P	P	P	P	P
51	1901219204	OMKARMAYEE BISHWAL	P	P	P	P	P	P	P	P
52	1901219205	PALLAVI MISHRA	P	P	P	P	P	P	P	P
53	1901219206	PARTHA SARATHI BISWAL	P	P	P	P	P	P	P	P

(Signature)
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Certified that this Certificate course is conducted in virtual mode (ON-LINE) because of the Pandemic COVID-19. The attendance is taken with the remarks P-Present and A-Absent for the students.

Course Coordinator
(Signature with Seal)
 (Seal)
 Coordinator



COLLEGE OF ENGINEERING BHUBANESWAR

DEPARTMENT OF CIVIL ENGINEERING

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

Semester: 3rd

ONLINE MODE
Sheet No. 03

Programme: B.Tech in Civil Engineering

Name of the Course: Earth Science for Civil Engineering

Duration : 36 Weeks
Academic Year: 2020-21

Sl. NO.	REGISTRATION NO.	NAME OF THE STUDENT	Date & Signature of the Student					Remarks
			Date:	Date:	Date:	Date:	Date:	
1	1901219010	AKASHA NAIK	P	A	P	P		
2	1901219011	CHANDRA HAS NAIK	P	P	P	P		
3	1901219012	CHITALU MARKAND	P	A	P	P		
4	1901219013	HEMANGINI TANDI	P	P	P	P		
5	1901219014	KANHU CHARAN JENA	P	P	A	P		
6	1901219015	KULDEEP BAGATI	P	P	P	P		
7	1901219016	PADMANAV PARIDA	P	P	P	P		
8	1901219017	PASWAN ANKIT KUMAR	P	P	P	P		
9	1901219018	PRIYANSHU PRADHAN	P	A	P	P		
10	1901219019	ROHIT KUMAR	P	P	P	P		
11	1901219020	SAMARENDRA BISWAL	P	P	P	P		
12	1901219021	SUBHA SAGAR SAMAL	P	P	P	P		
13	1901219022	SURYAKANT SAMAL	P	P	P	P		
14	1901219167	AAGHANRAJ SOREN	P	P	P	P		
15	1901219168	ABHISHIKTA MOHANTY	P	P	P	P		
16	1901219169	AMBIKA MARNDI	P	A	P	P		
17	1901219170	AMRIT KUJUR	P	P	P	P		
18	1901219171	ANKIT KUMAR	P	P	P	P		
19	1901219172	ANKIT KUMAR MOHAPATRA	P	P	P	P		
20	1901219173	ASHA ANJELINA KIRO	P	A	P	P		
21	1901219174	ASHIS KUMAR BEHURA	P	P	P	P		
22	1901219175	ASHISH SETHI	P	P	P	P		
23	1901219176	ASHUTOSH PATI	P	P	P	P		
24	1901219177	AVAY KUMAR	P	P	P	P		
25	1901219178	BHANUPRIYA HEMBRAM	P	P	A	P		
26	1901219179	BIKASH KUMAR PANDA	P	P	P	P		
27	1901219180	BIMAL PODHA	P	P	A	P		

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 College of Engineering Bhubaneswar

Course Coordinator

 Signature with Seal

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COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
DEPARTMENT OF CIVIL ENGINEERING
 ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

ONLINE MODE

Programme: B.Tech in Civil Engineering
 Name of the Course: Earth Science for Civil Engineering

Semester: 3rd

Sheet No. 02

Duration : 36 Wk
 Academic Year: 2020-21

Sl. NO.	REGISTRATION NO.	NAME OF THE STUDENT	Date & Signature of the Student						
			Date:	Date:	Date:	Date:	Date:	Date:	
28	1901219181	CHINMAYA KUMAR BEHERA	7/16/20	8/10/20	9/10/20	12/10/20			
29	1901219182	CHITTARANJAN SA	P	P	P				
30	1901219183	DEEPAK KUMAR MURMU	P	A	P	P			
31	1901219184	DEEPAK KUMAR SETHI	A	P	P	P			
32	1901219185	DHARITRI SINGHA	P	P	P	P			
33	1901219186	DIPTRANJAN MAJHI	P	P	P	P			
34	1901219187	EVANDEEP TIGGA	P	P	P	P			
35	1901219188	GANGADHAR MALIK	P	P	P	A			
36	1901219189	GIRITANAYA DAS	P	P	P	P			
37	1901219190	GYANARANJAN MALLIK	P	P	P	P			
38	1901219191	HIMANSHU BHUSAN SETHI	P	P	A	P			
39	1901219192	HRUDAYARANJAN DAS	P	P	P	P			
40	1901219193	JANMEJAYA SAHOO	P	P	P	P			
41	1901219194	JINGYANSU JITAPRANGYA SAHOO	P	A	P	P			
42	1901219195	KRUSHNA KANTA KUNTALA PINGUA	P	P	A	P			
43	1901219196	LEEPIKA SAHU	P	P	P	P			
44	1901219197	LOKESH SAHOO	A	P	P	P			
45	1901219198	MANOJ KUMAR BEHERA	P	P	A	A			
46	1901219199	MONALISA SAMAL	P	P	P	P			
47	1901219200	MRUTUNJAY MOHANTY	P	P	P	P			
48	1901219201	NARENDRA MAJHI	P	P	P	P			
49	1901219202	NAVAKETAN BHOI	P	P	P	P			
50	1901219203	OMKARMAYYE BISHWAL	P	P	P	P			
51	1901219204	PALLAVI MISHRA	A	P	A	P			
52	1901219205	PARTHA SARATHI BISWAL	P	P	P	P			
53	1901219206		P	P	P	P			

Remarks

[Signature]
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[Signature]
 Course Coordinator
 Signature with Seal



COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF CIVIL ENGINEERING
ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

ONLINE MODE

Programme: B.Tech in Civil Engineering

Semester: 3rd

Sheet No. 02

Name of the Course: Earth Science for Civil Engineering

Academic Year: 2020-21

Date & Signature of the Student

Remarks

Duration : 2 hrs
SL. NO. REGISTRATION NO.

54 1901219207

PARTHASARATHI MOHANTY

Date: 21/10/20
P

Date: 21/10/20
P

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Date: 21/10/20
P

55 1901219208

PRAVU PRASAD PARJIA

Date: 21/10/20
A

Date: 21/10/20
P

Date: 21/10/20
P

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P

[Signature]
PRINCIPAL
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[Signature]
Course Coordinator
(Signature with Seal)
[Seal]

Signature of the Course Coordinator



COLLEGE OF ENGINEERING BHUBANESWAR

PLOT NO-1(A), CNI COMPLEX, PATIA, BHUBANESWAR, KHORDHA, ODISHA-751024



Certificate of Completion

This is to certify that Mr./Ms. AKASHA NAIK, student of the Department

of Civil Engg. semester Third bearing registration number 1901219010

has successfully completed the ADD-ON Course titled Earth Science for Civil Engineering

conducted at College of Engineering Bhubaneswar in the academic year 2020-21.

TRUE COPY

Course-Coordinator

Principal

PRINCIPAL
College of Engineering Bhubaneswar



COLLEGE OF ENGINEERING BHUBANESWAR
PLOT NO-1(A), CNI COMPLEX, PATIA, BHUBANESWAR, KHORDHA, ODISHA-751024



Certificate of Completion

This is to certify that Mr./Ms. CHANDRAHAS NAIK, student of the Department

of Civil Engg. semester Third bearing registration number 1901219011

has successfully completed the ADD-ON Course titled Earth Science for Civil Engineering

conducted at College of Engineering Bhubaneswar in the academic year 2020-21.

TRUE COPY

Course-Coordinator

Principal

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College of Engineering Bhubaneswar



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Certificate of Completion


This is to certify that Mr./Ms. CHITALU MARKAND, student of the Department

of Civil Engg. semester Third bearing registration number 1901219012

has successfully completed the ADD-ON Course titled Earth Science for Civil Engineering

conducted at College of Engineering Bhubaneswar in the academic year 2020-21.


 Course-Coordinator


 PRINCIPAL
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TRUE COPY



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Certificate of Completion

This is to certify that Mr./Ms. HEMANGINI TANDI, student of the Department
 of Civil Engg. semester Third bearing registration number 1901219013
 has successfully completed the ADD-ON Course titled Earth Science for Civil Engineering
 conducted at College of Engineering Bhubaneswar in the academic year 2020-21.

TRUE COPY



Course-Coordinator



Principal



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COLLEGE OF ENGINEERING BHUBANESWAR
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Certificate of Completion

This is to certify that Mr./Ms. KANHU CHARAN JENA, student of the Department
of Civil Engg. semester Third bearing registration number 1901219014
has successfully completed the ADD-ON Course titled Earth Science for Civil Engineering
conducted at College of Engineering Bhubaneswar in the academic year 2020-21.


Course-Coordinator


Principal


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