



**COLLEGE OF ENGINEERING BHUBANESWAR**

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

[AFFILIATED TO BPUT, ODISHA]

[www.coeb.ac.in](http://www.coeb.ac.in)

**DEPARTMENT OF CIVIL ENGINEERING**

**ADD-ON COURSE**

**Course Titles: Water Economics And Governance**

**Branch: Civil Engineering**

**Programme: B.Tech**

**Year of Student: 4<sup>th</sup> Year**

**Course Objective:**

1. To develop student knowledge on conservation of water, minimizing wastage and ensuring its more equitable distribution both across and within states of India through integrated water resource development and management.
2. To develop better understanding of water governance systems with the ultimate goal of delivering better water policies for better lives.
3. To make the student understand about the effective, efficient and inclusive water governance seeks to enhance water security and ensure access to safe drinking water and sanitation for all, while responding to environmental, economic and social objectives

**SYLLABUS**

**Total Lecture Hours: 40**

**Module –I**

**6 Hours**

Introduction: General outline, Water availability and uses: national and international scenario; Challenges in water management. Water Rights in India: Need of water rights, Water and sanitation in international law.

**Module –II**

**8 Hours**

Water Sustainability: Concept of sustainable water uses; The Dublin statement; Sustainable water management; Stakeholders' participation. Valuing Water: The use and non-use values of water; Valuation methods; Non-revenue waters (NRW) and unaccounted for water (UFW); Metering water uses; Water management through economic instruments. Economics of Water Projects: Capital budgeting in water projects; Costs concepts of capital budgeting; Financial evaluation of water projects.

**Module –III**

**10 Hours**

Water Pricing - Approach and Models: Significance of water pricing; Average and marginal cost pricing; Shortrun marginal cost pricing; Water pricing models - flat rate, uniform rate, increasing block tariff and seasonal rate models. Conflicts in Water Pricing: Conflicts on subsidy verses sustainability, efficiency verses fairness in supply, development decisions verses capacity restrictions; Water pricing practices in India and abroad; relevant case studies.

**Module –IV**

**8 Hours**

Economics of Water Projects: Economics of sectoral water allocation; Capital budgeting in water projects; Costs concepts of capital budgeting; Financial evaluation of water projects. Economic Evaluation

**PRINCIPAL**  
College of Engineering Bhubaneswar

Methods: Methods of project evaluation; Payback Period; Discounted Payback Period; Net Present Value; Internal Rate of Return; Average Rate of Return; Benefit-Cost Ratio.

**Module –V**

**8 Hours**

Water Governance: Elements and dimensions of water governance; Building blocks; Effective water governance schemes; Benchmarking water governance; Indicators of good governance. Water Governance in India: National water policies and water acts; Water regulatory authorities; Power and roles of central and state regulatory authorities; Legal and regulatory framework for hydro projects; Institutional arrangement and administrative controls of water service; Interstate water management initiatives; Stakeholders' participation; NGOs and social movements.

**Course Outcomes:**

After completion of course the students will be able to:

CO1: Study of effectiveness of water governance relates to the contribution of governance to defining clear sustainable water policy goals and targets at different levels of government, to implement those policy goals, and to meet expected objectives or targets.

CO2: Growing population and high standards of living put increasing pressure on our water resources.

CO3: Study of water governance promotes responsible actions and measures to protect and ensure the sustainability of water resources and to optimize the services and benefits obtained from those resources.

CO4: Deals with the water resources related problems and challenges in an institutional structure.

**Text Books:**

1. Colin H. Green , “*Handbook of Water Economics: Principles and Practice*” Willy publisher, 2003
2. Ariel Dinar and Kurt Schwabe , “*Handbook of Water Economics*” Edward Elgar publisher, 2015
3. Ramaswamy R. Iyer, “ *Water and the Laws in India*” SAGE publisher,2009
4. Chandrakanth M.G. “*Water Resource Economics: Towards a Sustainable Use of Water for Irrigation in India*”, Springer publisher 2015

**Digital Learning Resources:**

Course Name	Water Economics And Governance
Course Link	<a href="https://onlinecourses.nptel.ac.in/noc21_ce48/preview">https://onlinecourses.nptel.ac.in/noc21_ce48/preview</a>
Course Instructed	Dr. Manoj Kumar Tiwari, 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.Thirumalai Raja and Ms. Sipra Mallick**

Principal

**PRINCIPAL**  
College of Engineering Bhubaneswar

**A. Bhuje**  
PRINCIPAL  
College of Engineering Bhubaneswar

H.O.D, Civil Engineering

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



DEPARTMENT OF CIVIL ENGINEERING  
COLLEGE OF ENGINEERING BHUBANESWAR

Plot No.1 (A), CNI Complex, Patia, Bhubaneswar – 751024, Odisha, India.  
[AFFILIATED TO BPUT, ODISHA]  
[www.coeb.ac.in](http://www.coeb.ac.in)

**NOTICE**

**Add On Certificate Courses 2019-2020**

Ref No: COEB/CIVIL/2019/ 43

Date: 07/08/2019

It is for the information of all the students of 3<sup>rd</sup> /5<sup>th</sup> /7<sup>th</sup> semester B.Tech that the Department of Civil Engineering is going to start the following Add-on courses for Academic year 2019-2020. All the students are instructed to enroll their names for the following courses on or before **14/08/2019**. The classes will be commenced from **16/08/2019**. 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 <sup>rd</sup>	36	Mr.Pradeepta Kishore Dehury
2.	Introduction To Engineering Seismology	5 <sup>th</sup>	38	Mr.Biswa Ranjan Tripathy
3.	Water Economics And Governance	7 <sup>th</sup>	40	Mr.Sachikanta Pradhan

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

*B. Reddy*

HOD

Civil Engineering Department

**H.O.D**  
**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*

PRINCIPAL  
College of Engineering Bhubaneswar



COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

ADD-ON COURSE

STUDENT ENROLLMENT SHEET

Name of the Department: CIVIL ENGINEERING

Course Title: Water Economics And Governance

Semester : 7th

Academic Year: 2019-2020

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	Signature of the Student
1	1601219007	ASHISH KUMAR SINGH	Ashish Kumar Singh
2	1601219008	MONALISA BAL	MONALISA BAL
3	1601219009	SANSU PRIYA	SANSU PRIYA
4	1601219010	SURAJ KUMAR	Suraj Kumar
5	1601219071	PRIYA XALXO	Priya Xalxo
6	1601219184	SIDDHARTH SAHOO	Siddharth Sahoo
7	1601219185	SATYANARAYAN DAS	Satyanarayan Das
8	1601219186	DEEPANKAR TRIPATHY	Deepankar Tripathy
9	1601219187	KALI PRASAD NANDI	KALI PRASAD NANDI
10	1601219188	MEGHA MAYUREE ROUT	Megha Mayuree Rout
11	1601219189	PRASANJIT NAYAK	Prasanjit Nayak
12	1601219190	RAJASHREE MALLIK	Rajashree Mallik
13	1601219191	SABYASACHI SAHOO	Sabyasachi Sahoo
14	1601219192	SASMITA DAS	Sasmita Das
15	1601219193	SRINIBAS ROUT	Srinibas Das
16	1601219194	SUBHRAKALI PARIDA	Subhrakali Parida
17	1601219195	SUKANYA KUNDU	Sukanya Kundu
18	1601219196	SUMAN SANGITA SETHI	Suman Sangita Sethi
19	1601219197	SUSHREE SUCHISMITA	Sushree Suchismita
20	1601219198	ALOK RANJAN SATAPATHY	Alok Ranjan Satapathy
21	1601219199	ANANDITA PRITIDARSINI PANDA	ANANDITA PRITIDARSINI PANDA
22	1601219200	ANANYA MOHANTY	Ananya Mohanty
23	1601219201	ARPAN MOHANTY	Arpan Mohanty
24	1601219202	BINODINI BEHERA	Binodini Behera
25	1601219203	BISHINU PRASAD PANIGRAHI	Bishnu Prasad Panigrahi
26	1601219204	BISWAJIT JENA	Biswajit Jena
27	1601219205	CHETANA NAYAK	chetana Nayak
28	1601219206	DEEPAN SHANKAR NAYAK	Deepan Shankar Nayak
29	1601219207	DHEERAJ KUMAR	Dheeraj Kumar
30	1601219208	GIRISH CHANDRA KAR	Girish Chandra Kar
31	1601219209	JAYASHREE MARANDI	Jayashree Marandi
32	1601219210	LIPISHREE NAIK	Lipishree Naik

Signature of course coordinator

PRINCIPAL

College of Engineering Bhubaneswar



COLLEGE OF ENGINEERING BHUBANESWAR (COEB)  
ADD-ON COURSE

STUDENT ENROLLMENT SHEET

Name of the Department: CIVIL ENGINEERING

Course Title: Water Economics And Governance

Semester : 7th

Academic Year: 2019-2020

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.

33	1601219211	MAMATA MURMU	MAMATA MURMU
34	1601219212	MANOJ KUMAR EKKA	MANOJKUMAR EKKA
35	1601219213	MOUSUMEE PATEL	Mousumee patel
36	1601219214	NAGEN SAHU	Nagen Sahu
37	1601219215	PRABIR KUMAR TUDU	prabir kumar tudu
38	1601219216	PRASHUN KANTI	prashun kanti
39	1601219217	PRATIKSHA SARANGI	Pratiksha Sarangi
40	1601219218	PRIYABRATA KONAR	Priyabrata Konar
41	1601219219	RAKESH MUDULI	Rakesh Muduli
42	1601219220	ROJALIN PRIYADARSHINI	Rojalin Priyadarshini
43	1601219221	ROJALIN SWAIN	Rojalin Swain
44	1601219222	SABITRU NARAYAN MISHRA	Sabitru Narayan Mishra
45	1601219223	SANJEEBANE BEHERA	Sanjeebane Behera
46	1601219224	SANJEEV KUMAR	Sanjeev Kumar
47	1601219225	SANTOSH KUMAR SAHOO	Santosh Kumar Sahoo
48	1601219226	SAROJ KUMAR PAITAL	Saroj Kumar Paital
49	1601219227	SATYA NARAYAN NAYAK	Satya Narayan Nayak
50	1601219228	SHASHI RANJAN	shashi ranjan
51	1601219229	SHASHIKANT KUMAR	shashikanta kumar
52	1601219230	SHEJAL SUMAN	shejal suman
53	1601219231	SIDDHANTA PRATIK	Siddhanta Pratiki
54	1601219232	SIDHARTHA DAS	Sidhartha Das
55	1601219233	SIDHARTHA JAGADEV RAY	Sidhartha Jagadev Ray
56	1601219234	SMRUTI RANJAN PARIDA	Smriti Ranjan Parida
57	1601219235	SOUMYA NARAYAN MISHRA	Soumya Narayan Mishra
58	1601219236	SOURAV KUMAR PRADHAN	Sourav Kumar Pradhan
59	1601219237	SRIKANT TETE	Srikant Tete
60	1601219238	SRILAKHA PRIYADARSHINI JENA	Srilakha Priyadarshini Jena
61	1601219239	SRUTHI XAVI	Sruthi Xavi

Signature of course coordinator

PRINCIPAL  
College of Engineering Bhubaneswar



# COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF CIVIL ENGINEERING

ADD ON/CERTIFICATE COURSE

**STUDENT ATTENDANCE SHEET**

College of Engineering Bhubaneswar  
Sheet No. \_\_\_\_\_

PRINCIPAL  
*[Signature]*

Programme: B.Tech in Civil Engineering

Semester: 7th

Academic Year: 2019-20

Name of the Course: Water Economics And Governance

Duration : **46 hrs**

Date & Signature of the Student

Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Date:	Date:	Date:
1	1601219007	ASHISH KUMAR SINGH	16/08/19	19/08/19	20/08/19	21/08/19
2	1601219008	MONALISA BAL	Manalika Pall	Manalishadai	Manalika Singh	Manalisa Pall
3	1601219009	SANSU PRIYA	Sansu Priya	Sansu Priya	Sansu Priya	Sansu Priya
4	1601219010	SURAJ KUMAR	Suraj Kumar	Suraj Kumar	Suraj Kumar	Suraj Kumar
5	1601219071	PRIYA XALXO	Priya Xalxo	Priya Xalxo	Priya Xalxo	Priya Xalxo
6	1601219184	SIDDHARTH SAHOO	Siddharth Sahoo	Siddharth Sahoo	ABS	Siddharth Sahoo
7	1601219185	SATYANARAYAN DAS	S. N. Das	S. N. Das	S. N. Das	S. N. Das
8	1601219186	DEEPAKAR TRIPATHY	Deepakar Tripathy	Deepakar Tripathy	Deepakar Tripathy	Deepakar Tripathy
9	1601219187	KALI PRASAD NANDI	Kalliprasad Nandi	Kalliprasad Nandi	Kalliprasad Nandi	Kalliprasad Nandi
10	1601219188	MEGHA MAYUREE ROUT	Megha Mayuree Rout	Megha Mayuree Rout	Megha Mayuree Rout	Megha Mayuree Rout
11	1601219189	PRASANJIT NAYAK	P. Nayak	Prasanjit Nayak	Prasanjit Nayak	Prasanjit Nayak
12	1601219190	RAJASHREE MALLIK	Rajashree Mallik	Rajashree Mallik	Rajashree Mallik	Rajashree Mallik
13	1601219191	SABYASACHI SAHOO	Sabyasachi Sahoo	Sabyasachi Sahoo	Sabyasachi Sahoo	Sabyasachi Sahoo
14	1601219192	SASMITA DAS	Sasmita Das	Sasmita Das	Sasmita Das	Sasmita Das
15	1601219193	SRINIBAS ROUT	ABS	Srinibas Rout	Srinibas Rout	Srinibas Rout
16	1601219194	SUBHRAKALI PARIDA	Subhrakali Parida	Subhrakali Parida	Subhrakali Parida	Subhrakali Parida
17	1601219195	SUKANYA KUNDU	Sukanya Kundu	Sukanya Kundu	Sukanya Kundu	Sukanya Kundu
18	1601219196	SUMAN SANGITA SETHI	Suman S. Sethi	Suman S. Sethi	Suman S. Sethi	Suman S. Sethi
19	1601219197	SUSHREE SUCHISMITA	Sushree Suchismita	Sushree Suchismita	Sushree Suchismita	Sushree Suchismita
20	1601219198	A.I.O.K RANJAN SATAPATHY	A.K. Satapathy	A.K. Satapathy	A.K. Satapathy	A.K. Satapathy
21	1601219199	ANANDITA PRITIDARSINI PANDA	A. P. Panda	A. P. Panda	A. P. Panda	A. P. Panda
22	1601219200	ANANYA MOHANTY	Ananya Mohanty	Ananya Mohanty	Ananya Mohanty	Ananya Mohanty
23	1601219201	ARPAN MOHANTY	Arpan Mohanty	Arpan Mohanty	Arpan Mohanty	Arpan Mohanty
24	1601219202	BINODINI BEHERA	Binodini Behera	Binodini Behera	Binodini Behera	Binodini Behera
25	1601219203	BISHNU PRASAD PANIGRAHI	B. P. Panigrahi	B. P. Panigrahi	B. P. Panigrahi	B. P. Panigrahi
26	1601219204	BISWAJIT JENA	Biswajit Jena	Biswajit Jena	Biswajit Jena	Biswajit Jena
27	1601219205	CHEYTANA NAYAK	Chetana Nayak	Chetana Nayak	ABS	Chetana Nayak

Signature of the Course Coordinator

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*



# COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF CIVIL ENGINEERING

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

PRINCIPAL  
 College of Engineering Bhubaneswar  
 Sheet No. 01

Programme: B.Tech in Civil Engineering Semester: 7th Academic Year: 2019-20

Name of the Course: Water Economics And Governance

Duration : 90 Mins Date & Signature of the Student

Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Date:	Date:	Date:
28	1601219206	DEEPAN SHANKAR NAYAK	16/08/19	19/08/19	20/08/19	24/08/19
29	1601219207	DHEERAJ KUMAR	Dheeraj Kumar	Dheeraj Kumar	Dheeraj Kumar	Dheeraj Kumar
31	1601219209	JAYASHREE MARANDI	S. W. Marandi	S. W. Marandi	S. W. Marandi	S. W. Marandi
32	1601219210	LIPISHREE NAIK	Lipishree Naik	Lipishree Naik	Lipishree Naik	Lipishree Naik
33	1601219211	MAMATA MURMU	Mamata Murmu	Mamata Murmu	Mamata Murmu	Mamata Murmu
34	1601219212	MANOJ KUMAR EKKA	M. V. Eeka	M. V. Eeka	M. V. Eeka	M. V. Eeka
35	1601219213	MOUSUMEE PATEL	Mousumee Patel	ABIS	Mousumee Patel	ABIS
36	1601219214	NAGEN SAHU	Nagen Sahu	Nagen Sahu	Nagen Sahu	Nagen Sahu
37	1601219215	PRABIR KUMAR TUDU	P. K. Tudu	P. K. Tudu	P. K. Tudu	P. K. Tudu
38	1601219216	PRASHUN KANTI	ABIS	Prashun Kanti	Prashun Kanti	Prashun Kanti
39	1601219217	PRATIKSHA SARANGI	Pratiksha Sarangi	Pratiksha Sarangi	Pratiksha Sarangi	ABIS
40	1601219218	PRIYABRATA KONAR	Prityabrata Konar	ABIS	Prityabrata Konar	Prityabrata Konar
41	1601219219	RAKESH MUDULI	Rakesh Muduli	Rakesh Muduli	Rakesh Muduli	ABIS
42	1601219220	ROJALIN PRIYADARSHINI	R. P. Priyadarshini	R. P. Priyadarshini	R. P. Priyadarshini	R. P. Priyadarshini
43	1601219221	ROJALIN SWAIN	Rojalin Swain	Rojalin Swain	Rojalin Swain	Rojalin Swain
44	1601219222	SABITRU NARAYAN MISHRA	S. N. Mishra	S. N. Mishra	S. N. Mishra	S. N. Mishra
45	1601219223	SANJEEBANEE BEHERA	S. Behera	S. Behera	S. Behera	S. Behera
46	1601219224	SANJEEV KUMAR	Sanjeev Kumar	Sanjeev Kumar	ABIS	Sanjeev Kumar
47	1601219225	SANTOSH KUMAR SAHOO	S. K. Sahoo	S. K. Sahoo	S. K. Sahoo	S. K. Sahoo
48	1601219226	SAROJ KUMAR PAITAL	S. K. Patil	S. K. Patil	ABIS	S. K. Patil
49	1601219227	SATYA NARAYAN NAYAK	Satyaj Nayak	Satyaj Nayak	Satyaj Nayak	Satyaj Nayak
50	1601219228	SHASHI RANJAN	Shashi Ranjan	Shashi Ranjan	Shashi Ranjan	Shashi Ranjan
51	1601219229	SHASHIKANT KUMAR	S. Kumar	S. Kumar	S. Kumar	S. Kumar
52	1601219230	SHEJAL SUMAN	Shejal Suman	Shejal Suman	Shejal Suman	Shejal Suman
53	1601219231	SIDDHANTA PRATIK	S. Pratik	S. Pratik	S. Pratik	S. Pratik
54	1601219232	SIDHARTHA DAS	Sidhartha Das	Sidhartha Das	Sidhartha Das	Sidhartha Das
55	1601219233	SIDHARTHA JAGADEV RAY	S. J. Ray	S. J. Ray	S. J. Ray	S. J. Ray

Signature of the Course Coordinator

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*







# COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF CIVIL ENGINEERING

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

*[Signature]*  
PRINCIPAL

She College of Engineering Bhubaneswar

Programme: B.Tech in Civil Engineering

Name of the Course: Water Economics And Governance

Semester: 7th

Academic Year: 2019-20

Duration : *40 Mts*

Date & Signature of the Student

Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Date:	Date:	Date:
1	1601219007	ASHISH KUMAR SINGH	<i>22/08/19</i>	<i>26/08/19</i>	<i>27/08/19</i>	<i>28/08/19</i>
2	1601219008	MONALISA BAL	<i>Monalisa Pal</i>	<i>Monalisa Pal</i>	<i>Monalisa Pal</i>	<i>Monalisa Pal</i>
3	1601219009	SANSU PRIYA	<i>Sansu Priya</i>	<i>Sansu Priya</i>	<i>Sansu Priya</i>	<i>Sansu Priya</i>
4	1601219010	SURAJ KUMAR	<i>Suraj Kumar</i>	<i>Suraj Kumar</i>	<i>Suraj Kumar</i>	<i>Suraj Kumar</i>
5	1601219071	PRIYA XALXO	<i>Priya Xalxo</i>	<i>Priya Xalxo</i>	<i>Priya Xalxo</i>	<i>Priya Xalxo</i>
6	1601219184	SIDDHARTH SAHOO	<i>Siddharth Sahoo</i>	<i>Siddharth Sahoo</i>	<i>Siddharth Sahoo</i>	<i>Siddharth Sahoo</i>
7	1601219185	SATYANARAYAN DAS	<i>S.N.Das</i>	<i>S.N.Das</i>	<i>S.N.Das</i>	<i>S.N.Das</i>
8	1601219186	DEEPANKAR TRIPATHY	<i>Deepankar Tripathy</i>	<i>Deepankar Tripathy</i>	<i>Deepankar Tripathy</i>	<i>Deepankar Tripathy</i>
9	1601219187	KALI PRASAD NANDI	<i>Kaliprasad Nandi</i>	<i>Kaliprasad Nandi</i>	<i>Kaliprasad Nandi</i>	<i>Kaliprasad Nandi</i>
10	1601219188	MEGHA MA YUREE ROUT	<i>Megha Ma Yuree Rout</i>	<i>Megha Ma Yuree Rout</i>	<i>Megha Ma Yuree Rout</i>	<i>Megha Ma Yuree Rout</i>
11	1601219189	PRASANJIT NAYAK	<i>Prasanjit Nayak</i>	<i>Prasanjit Nayak</i>	<i>Prasanjit Nayak</i>	<i>Prasanjit Nayak</i>
12	1601219190	RAJASHREE MALLIK	<i>Rajshree Mallik</i>	<i>Rajshree Mallik</i>	<i>Rajshree Mallik</i>	<i>Rajshree Mallik</i>
13	1601219191	SABYASACHI SAHOO	<i>Sabyasachi Sahoo</i>	<i>Sabyasachi Sahoo</i>	<i>Sabyasachi Sahoo</i>	<i>Sabyasachi Sahoo</i>
14	1601219192	SASMITA DAS	<i>Sasmita Das</i>	<i>Sasmita Das</i>	<i>Sasmita Das</i>	<i>Sasmita Das</i>
15	1601219193	SRINIBAS ROUT	<i>Srinibas Rout</i>	<i>Srinibas Rout</i>	<i>Srinibas Rout</i>	<i>Srinibas Rout</i>
16	1601219194	SUBHRAKALI PARIDA	<i>Subhrakali Parida</i>	<i>Subhrakali Parida</i>	<i>Subhrakali Parida</i>	<i>Subhrakali Parida</i>
17	1601219195	SUKANYA KUNDU	<i>Sukanya Kundu</i>	<i>Sukanya Kundu</i>	<i>Sukanya Kundu</i>	<i>Sukanya Kundu</i>
18	1601219196	SUMAN SANGITA SETHI	<i>Suman S. Sethi</i>	<i>Suman S. Sethi</i>	<i>Suman S. Sethi</i>	<i>Suman S. Sethi</i>
19	1601219197	SUSHREE SUCHISMITA	<i>Sushree Suchismita</i>	<i>Sushree Suchismita</i>	<i>Sushree Suchismita</i>	<i>Sushree Suchismita</i>
20	1601219198	ALOK RANJAN SATAPATHY	<i>A.K. Satapathy</i>	<i>A.K. Satapathy</i>	<i>A.K. Satapathy</i>	<i>A.K. Satapathy</i>
21	1601219199	ANANDITA PRITIDARSINI PANDA	<i>A.P. Panda</i>	<i>A.P. Panda</i>	<i>A.P. Panda</i>	<i>A.P. Panda</i>
22	1601219200	ANANYA MOHANTY	<i>Ananya Mohanty</i>	<i>Ananya Mohanty</i>	<i>Ananya Mohanty</i>	<i>Ananya Mohanty</i>
23	1601219201	ARPAN MOHANTY	<i>Arpan Mohanty</i>	<i>Arpan Mohanty</i>	<i>Arpan Mohanty</i>	<i>Arpan Mohanty</i>
24	1601219202	BINODINI BEHERA	<i>Binodini Behera</i>	<i>Binodini Behera</i>	<i>Binodini Behera</i>	<i>Binodini Behera</i>
25	1601219203	BISHNU PRASAD PANIGRAHI	<i>B.P. Panigrahi</i>	<i>B.P. Panigrahi</i>	<i>B.P. Panigrahi</i>	<i>B.P. Panigrahi</i>
26	1601219204	BISWAJIT JENA	<i>Biswajit Jena</i>	<i>Biswajit Jena</i>	<i>Biswajit Jena</i>	<i>Biswajit Jena</i>
27	1601219205	CHETANA NAYAK	<i>Chetana Nayak</i>	<i>Chetana Nayak</i>	<i>Chetana Nayak</i>	<i>Chetana Nayak</i>

Signature of the Course Coordinator

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*



# COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF CIVIL ENGINEERING

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

Sheet No. 02

PRINCIPAL  
College of Engineering Bhubaneswar

Programme: B.Tech in Civil Engineering

Semester: 7th

Academic Year: 2019-20

Name of the Course: Water Economics And Governance

Duration : 40 Mins

Date & Signature of the Student

Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Date:	Date:	Date:
28	1601219206	DEEPAN SHANKAR NAYAK	22/08/19	26/08/19	29/08/19	28/08/19
29	1601219207	DHEERAJ KUMAR	<u>ABS</u>	<u>ABD</u>	<u>ABD</u>	<u>ABD</u>
31	1601219209	JAYASHREE MARANDI	<u>S. Wastanadi</u>	<u>ABD</u>	<u>S. Wastanadi</u>	<u>S. Wastanadi</u>
32	1601219210	LIPISHREE NAIK	<u>Lipishree Naik</u>	<u>Lipishree Naik</u>	<u>Lipishree Naik</u>	<u>Lipishree Naik</u>
33	1601219211	MAMATA MURMU	<u>ABD</u>	<u>Mamata Murmu</u>	<u>Mamata Murmu</u>	<u>Mamata Murmu</u>
34	1601219212	MANOJ KUMAR EKA	<u>M. V. Eka</u>	<u>M. V. Eka</u>	<u>M. V. Eka</u>	<u>M. V. Eka</u>
35	1601219213	MOUSUMEE PATEL	<u>ABS</u>	<u>Mousume Patel</u>	<u>Mousume Patel</u>	<u>ABS</u>
36	1601219214	NAGEN SAHU	<u>Nagen Sahu</u>	<u>Nagen Sahu</u>	<u>Nagen Sahu</u>	<u>Nagen Sahu</u>
37	1601219215	PRABIR KUMAR TUDU	<u>P.K. Tudu</u>	<u>P.K. Tudu</u>	<u>P.K. Tudu</u>	<u>P.K. Tudu</u>
38	1601219216	PRASHUN KANTI	<u>Prashun Kanti</u>	<u>Prashun Kanti</u>	<u>Prashun Kanti</u>	<u>Prashun Kanti</u>
39	1601219217	PRATIKSHA SARANGI	<u>Pratiksha Sarangi</u>	<u>Pratiksha Sarangi</u>	<u>Pratiksha Sarangi</u>	<u>Pratiksha Sarangi</u>
40	1601219218	PRIYABRATA KONAR	<u>Priyabrata Konar</u>	<u>Priyabrata Konar</u>	<u>Priyabrata Konar</u>	<u>ABS</u>
41	1601219219	RAKESH MUDULI	<u>Rakesh Muduli</u>	<u>Rakesh Muduli</u>	<u>ABS</u>	<u>Rakesh Muduli</u>
42	1601219220	ROJALIN PRIYADARSHINI	<u>R.P. Priyadarshini</u>	<u>R.P. Priyadarshini</u>	<u>R.P. Priyadarshini</u>	<u>R.P. Priyadarshini</u>
43	1601219221	ROJALIN SWAIN	<u>Rojalin Swain</u>	<u>Rojalin Swain</u>	<u>Rojalin Swain</u>	<u>Rojalin Swain</u>
44	1601219222	SABITRU NARAYAN MISHRA	<u>S.N. Mishra</u>	<u>S.N. Mishra</u>	<u>S.N. Mishra</u>	<u>ABD</u>
45	1601219223	SANJEEV KUMAR	<u>S. Behera</u>	<u>S. Behera</u>	<u>S. Behera</u>	<u>S. Behera</u>
46	1601219224	SANJEEV KUMAR	<u>Sanjeev Kumar</u>	<u>Sanjeev Kumar</u>	<u>Sanjeev Kumar</u>	<u>ABS</u>
47	1601219225	SANTOSH KUMAR SAHOO	<u>S.K. Sahoo</u>	<u>S.K. Sahoo</u>	<u>S.K. Sahoo</u>	<u>S.K. Sahoo</u>
48	1601219226	SAROJ KUMAR PAITAL	<u>S.K. Paital</u>	<u>S.K. Paital</u>	<u>S.K. Paital</u>	<u>S.K. Paital</u>
49	1601219227	SATYA NARAYAN NAYAK	<u>Satyajay Nayak</u>	<u>Satyajay Nayak</u>	<u>Satyajay Nayak</u>	<u>Satyajay Nayak</u>
50	1601219228	SHASHI RANJAN	<u>Shashi Ranjan</u>	<u>Shashi Ranjan</u>	<u>Shashi Ranjan</u>	<u>Shashi Ranjan</u>
51	1601219229	SHASHIKANT KUMAR	<u>S.K. Kumar</u>	<u>S.K. Kumar</u>	<u>S.K. Kumar</u>	<u>S.K. Kumar</u>
52	1601219230	SHEJAL SUMAN	<u>Shejal Suman</u>	<u>ABS</u>	<u>Shejal Suman</u>	<u>Shejal Suman</u>
53	1601219231	SIDDHANTA PRATIK	<u>S. Pratik</u>	<u>S. Pratik</u>	<u>S. Pratik</u>	<u>S. Pratik</u>
54	1601219232	SIDHARTHA DAS	<u>Sidharta Das</u>	<u>Sidharta Das</u>	<u>Sidharta Das</u>	<u>ABS</u>
55	1601219233	SIDHARTHA JAGADEV RAY	<u>S. J. Ray</u>	<u>S. J. Ray</u>	<u>S. J. Ray</u>	<u>S. J. Ray</u>

Signature of the Course Coordinator







# COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF CIVIL ENGINEERING

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

PRINCIPAL  
Satejendra Engineering Bhubaneswar

Programme: B.Tech in Civil Engineering

Semester: 7th

Academic Year: 2019-20

Name of the Course: Water Economics And Governance

Duration : 40 Mins

Date & Signature of the Student

Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Date:	Date:	Date:
28	1601219206	DEEPAN SHANKAR NAYAK	29/02/19	30/02/19	01/03/19	05/03/19
29	1601219207	DHEERAJ KUMAR	Dheeraj Kumar	Dheeraj Kumar	Dheeraj Kumar	Dheeraj Kumar
31	1601219209	JAYASHREE MARANDI	S. Madhavi	S. Madhavi	S. Madhavi	S. Madhavi
32	1601219210	LIPISHREE NAIK	Lipishree Naik	Lipishree Naik	Lipishree Naik	Lipishree Naik
33	1601219211	MAMATA MURMU	Mamata Murmu	Mamata Murmu	Mamata Murmu	Mamata Murmu
34	1601219212	MANOJ KUMAR EKKA	M. U. Eklua	M. U. Eklua	M. U. Eklua	M. U. Eklua
35	1601219213	MOUSUMEE PATEL	Mousumee Patel	Mousumee Patel	Mousumee Patel	Mousumee Patel
36	1601219214	NAGEN SAHU	Nagen Sahu	Nagen Sahu	Nagen Sahu	Nagen Sahu
37	1601219215	PRABIR KUMAR TUDU	P. K. Tudu	P. K. Tudu	P. K. Tudu	P. K. Tudu
38	1601219216	PRASHUN KANTI	Prashun Kanti	Prashun Kanti	Prashun Kanti	Prashun Kanti
39	1601219217	PRATIJKSHA SARANGI	Pratiksha Sarangi	Pratiksha Sarangi	Pratiksha Sarangi	Pratiksha Sarangi
40	1601219218	PRIYABRATA KONAR	P. Konar	P. Konar	P. Konar	P. Konar
41	1601219219	RAKESH MUDULI	Rakesh Muduli	Rakesh Muduli	Rakesh Muduli	Rakesh Muduli
42	1601219220	ROJALIN PRIYADARSHINI	R. Priyadarshini	ADS	R. Priyadarshini	R. Priyadarshini
43	1601219221	ROJALIN SWAIN	Rojalin Swain	Rojalin Swain	Rojalin Swain	Rojalin Swain
44	1601219222	SABITRU NARAYAN MISHRA	S. N. Mishra	S. N. Mishra	S. N. Mishra	S. N. Mishra
45	1601219223	SANJEEBANEE BEHERA	S. Behera	ADS	S. Behera	S. Behera
46	1601219224	SANJEEV KUMAR	Sanjeev Kumar	Sanjeev Kumar	Sanjeev Kumar	Sanjeev Kumar
47	1601219225	SANTOSH KUMAR SAHOO	S. K. Sahoo	S. K. Sahoo	S. K. Sahoo	S. K. Sahoo
48	1601219226	SAROJ KUMAR PAITAL	S. R. Paital	S. R. Paital	S. R. Paital	S. R. Paital
49	1601219227	SATYA NARAYAN NAYAK	Satyaj Nayak	Satyaj Nayak	Satyaj Nayak	Satyaj Nayak
50	1601219228	SHASHI RANJAN	Shashi Ranjan	Shashi Ranjan	Shashi Ranjan	Shashi Ranjan
51	1601219229	SHASHIKANT KUMAR	S. K. Kumar	S. K. Kumar	S. K. Kumar	S. K. Kumar
52	1601219230	SHEJAL SUMAN	Shejal Suman	Shejal Suman	Shejal Suman	Shejal Suman
53	1601219231	SIDDHANTA PRATIK	S. Pratik	S. Pratik	ADS	S. Pratik
54	1601219232	SIDHARTHA DAS	Sidhartha Das	S. J. Peng	Sidhartha Das	Sidhartha Das
55	1601219233	SIDHARTHA JAGADEV RAY	S. J. Ray	S. J. Ray	S. J. Ray	S. J. Ray

Signature of the Course Coordinator





# COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF CIVIL ENGINEERING

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

PRINCIPAL  
College of Engineering Bhubaneswar  
Sheet No. 04

Programme: B.Tech in Civil Engineering

Name of the Course: Water Economics And Governance

Semester: 7th

Academic Year: 2019-20

Duration : 40 hrs

Date & Signature of the Student

Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Date:	Date:	Date:
1	1601219007	ASHISH KUMAR SINGH	06/09/19 Ashish Kumar Singh	10/09/19 Ashish Kumar Singh	11/09/19 Ashish Kumar Singh	12/09/19 Ashish Kumar Singh
2	1601219008	MONALISA BAL	Monalisa Pal	Monalisa Pal	Monalisa Pal	Monalisa Pal
3	1601219009	SANSU PRIYA	Sansu Priya	Sansu Priya	Sansu Priya	Sansu Priya
4	1601219010	SURAJ KUMAR	Suraj Kumar	Suraj Kumar	Suraj Kumar	Suraj Kumar
5	1601219071	PRIYA XALXO	Priya Xalxo ABE	Priya Xalxo ABE	Priya Xalxo ABE	Priya Xalxo ABE
6	1601219184	SIDDHARTH SAHOO	S.N.Das ABE	S.N.Das ABE	S.N.Das ABE	S.N.Das ABE
7	1601219185	SATYANARAYAN DAS	Deepankar Tripathy	Deepankar Tripathy	Deepankar Tripathy	Deepankar Tripathy
8	1601219186	DEEPANKAR TRIPATHY	Deepankar Tripathy	Deepankar Tripathy	Deepankar Tripathy	Deepankar Tripathy
9	1601219187	KALI PRASAD NANDI	Kaliprasad Nandi	Kaliprasad Nandi	Kaliprasad Nandi	Kaliprasad Nandi
10	1601219188	MEGHA MAYUREE ROUT	Megha Mayuree Rout	Megha Mayuree Rout	Megha Mayuree Rout	Megha Mayuree Rout
11	1601219189	PRASANJIT NAYAK	Prasanjit Nayak	Prasanjit Nayak	Prasanjit Nayak	Prasanjit Nayak
12	1601219190	RAJASHREE MALLIK	Rajashree Mallik	Rajashree Mallik	ABE	Rajashree Mallik
13	1601219191	SABYASACHI SAHOO	Sabyasachi Sahoo	Sabyasachi Sahoo	Sabyasachi Sahoo	Sabyasachi Sahoo
14	1601219192	SASMITA DAS	Sasmita Das	Sasmita Das	Sasmita Das	Sasmita Das
15	1601219193	SRINIBAS ROUT	Srinibas Rout	Srinibas Rout	Srinibas Rout	Srinibas Rout
16	1601219194	SUBHRAKALI PARIDA	Subhra K Parida	Subhra K Parida	Subhra K Parida	Subhra K Parida
17	1601219195	SUKANYA KUNDU	Sukanya Kundu	Sukanya Kundu	Sukanya Kundu	Sukanya Kundu
18	1601219196	SUMAN SANGITA SETHI	Suman Sangita Sethi	Suman Sangita Sethi	Suman Sangita Sethi	Suman Sangita Sethi
19	1601219197	SUSHREE SUCHISMITA	Sushree Suchismita	Sushree Suchismita	Sushree Suchismita	Sushree Suchismita
20	1601219198	ALOK RANJAN SATAPATHY	A.K. Satapathy	A.K. Satapathy	A.K. Satapathy	A.K. Satapathy
21	1601219199	ANANDITA PRITIDARSINI PANDA	A.P. Panda	A.P. Panda	A.P. Panda	A.P. Panda
22	1601219200	ANANYA MOHANTY	Ananya Mohanty	Ananya Mohanty	Ananya Mohanty	Ananya Mohanty
23	1601219201	ARPAN MOHANTY	Arpan Mohanty	Arpan Mohanty	Arpan Mohanty	Arpan Mohanty
24	1601219202	BINODINI BEHERA	Binodini Behera	Binodini Behera	Binodini Behera	Binodini Behera
25	1601219203	BISHNU PRASAD PANIGRAHI	Bisnu Prasad Panigrahi	Bisnu Prasad Panigrahi	Bisnu Prasad Panigrahi	Bisnu Prasad Panigrahi
26	1601219204	BISWAJIT JENA	Biswasjit Jena	ABE	Biswasjit Jena	Biswasjit Jena
27	1601219205	CHETANA NAYAK	Chetana Nayak	Chetana Nayak	Chetana Nayak	Chetana Nayak

Signature of the Course Coordinator

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*



# COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF CIVIL ENGINEERING

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE SHEET

PRINCIPAL  
College of Engineering Bhubaneswar  
Sheet No. 07

Programme: B.Tech in Civil Engineering

Semester: 7th

Academic Year: 2019-20

Name of the Course: Water Economics And Governance

Duration : 40 Days

Date & Signature of the Student

Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Date:	Date:	Date:
28	1601219206	DEEPAN SHANKAR NAYAK	06/09/19	10/09/19	11/09/19	12/02/19
29	1601219207	DHEERAJ KUMAR	06/09/19	10/09/19	11/09/19	12/02/19
31	1601219209	JAYASHREE MARANDI	06/09/19	10/09/19	11/09/19	12/02/19
32	1601219210	LIPSHREE NAIK	06/09/19	10/09/19	11/09/19	12/02/19
33	1601219211	MAMATA MURMU	06/09/19	10/09/19	11/09/19	12/02/19
34	1601219212	MANOJ KUMAR EKA	06/09/19	10/09/19	11/09/19	12/02/19
35	1601219213	MOUSUMEE PATEL	06/09/19	10/09/19	11/09/19	12/02/19
36	1601219214	NAGEN SAHU	06/09/19	10/09/19	11/09/19	12/02/19
37	1601219215	PRABIR KUMAR TUDU	06/09/19	10/09/19	11/09/19	12/02/19
38	1601219216	PRASHUN KANTI	06/09/19	10/09/19	11/09/19	12/02/19
39	1601219217	PRATIKSHA SARANGI	06/09/19	10/09/19	11/09/19	12/02/19
40	1601219218	PRIYABRATA KONAR	06/09/19	10/09/19	11/09/19	12/02/19
41	1601219219	RAKESH MUDULI	06/09/19	10/09/19	11/09/19	12/02/19
42	1601219220	ROJALIN PRIYADARSHINI	06/09/19	10/09/19	11/09/19	12/02/19
43	1601219221	ROJALIN SWAIN	06/09/19	10/09/19	11/09/19	12/02/19
44	1601219222	SABITRU NARAYAN MISHRA	06/09/19	10/09/19	11/09/19	12/02/19
45	1601219223	SANJEEBANE BEHERA	06/09/19	10/09/19	11/09/19	12/02/19
46	1601219224	SANJEEV KUMAR	06/09/19	10/09/19	11/09/19	12/02/19
47	1601219225	SANTOSH KUMAR SAHOO	06/09/19	10/09/19	11/09/19	12/02/19
48	1601219226	SAROJ KUMAR PAITAL	06/09/19	10/09/19	11/09/19	12/02/19
49	1601219227	SATYA NARAYAN NAYAK	06/09/19	10/09/19	11/09/19	12/02/19
50	1601219228	SHASHI RANJAN	06/09/19	10/09/19	11/09/19	12/02/19
51	1601219229	SHASHIKANT KUMAR	06/09/19	10/09/19	11/09/19	12/02/19
52	1601219230	SHEJAL SUMAN	06/09/19	10/09/19	11/09/19	12/02/19
53	1601219231	SIDDHANTA PRATIJK	06/09/19	10/09/19	11/09/19	12/02/19
54	1601219232	SIDHARTHA DAS	06/09/19	10/09/19	11/09/19	12/02/19
55	1601219233	SIDHARTHA JAGADEV RAY	06/09/19	10/09/19	11/09/19	12/02/19

Signature of the Course Coordinator







# COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF CIVIL ENGINEERING

ADD ON/CERTIFICATE COURSE

**STUDENT ATTENDANCE SHEET**

Sheet No. 08

PRINCIPAL  
College of Engineering Bhubaneswar

*(Signature)*

Programme: B.Tech in Civil Engineering

Semester: 7th

Academic Year: 2019-20

Name of the Course: Water Economics And Governance

Duration : 90 hrs

Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date & Signature of the Student					
			Date:	Signature	Date:	Signature		
1	1601219007	ASHISH KUMAR SINGH	13/09/19	<i>(Signature)</i>	14/09/19	<i>(Signature)</i>	15/09/19	<i>(Signature)</i>
2	1601219008	MONALISA BAL	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
3	1601219009	SANSU PRIYA	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
4	1601219010	SURAJ KUMAR	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
5	1601219071	PRIYA XALXO	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
6	1601219184	SIDDHARTH SAHOO	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
7	1601219185	SATYANARAYAN DAS	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
8	1601219186	DEEPANKAR TRIPATHY	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
9	1601219187	KALI PRASAD NANDI	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
10	1601219188	MEGHA MAYUREE ROU	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
11	1601219189	PRASANJIT NAYAK	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
12	1601219190	RAJASHREE MALLIK	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
13	1601219191	SABYASACHI SAHOO	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
14	1601219192	SASMITA DAS	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
15	1601219193	SRINIBAS ROU	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
16	1601219194	SUBHRAKALI PARIDA	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
17	1601219195	SUKANYA KUNDU	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
18	1601219196	SUMAN SANGITA SETHI	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
19	1601219197	SUSHREE SUCHISMITA	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
20	1601219198	ALOK RANJAN SATAPATHY	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
21	1601219199	ANANDITA PRITIDARSINI PANDA	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
22	1601219200	ANANYA MOHANTY	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
23	1601219201	ARPAN MOHANTY	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
24	1601219202	BINODINI BEHERA	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
25	1601219203	BISHNU PRASAD PANIGRAHI	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
26	1601219204	BISWAJIT JENA	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>
27	1601219205	CHETANA NAYAK	13/09/19	<i>(Signature)</i>	16/09/19	<i>(Signature)</i>	17/09/19	<i>(Signature)</i>

Signature of the Course Coordinator

*(Signature)*

*(Signature)*

*(Signature)*

*(Signature)*



# COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF CIVIL ENGINEERING  
ADD ON/CERTIFICATE COURSE  
**STUDENT ATTENDANCE SHEET**

*[Signature]*  
PRINCIPAL  
College of Engineering Bhubaneswar

Programme: B.Tech in Civil Engineering Semester: 7th Academic Year: 2019-20

Name of the Course: Water Economics And Governance

Duration : 40 hrs Date & Signature of the Student

Sl. NO.	Reg. No./ Enrolment No.	NAME OF THE STUDENT	Date:	Date:	Date:	Date:
28	1601219206	DEEPAN SHANKAR NAYAK	12/09/19	16/09/19	12/09/19	18/09/19
29	1601219207	DHEERAJ KUMAR	12/09/19	16/09/19	12/09/19	18/09/19
31	1601219209	JAYASHREE MARANDI	S. Marandi	S. Marandi	S. Marandi	S. Marandi
32	1601219210	LIPISHREE NAIK	Lipishree Naik	Lipishree Naik	Lipishree Naik	Lipishree Naik
33	1601219211	MAMATA MURMU	Mamata Murmu	Mamata Murmu	Mamata Murmu	Mamata Murmu
34	1601219212	MANOJ KUMAR EKA	Manoj Ku. Eka	Manoj Ku. Eka	Manoj Ku. Eka	Manoj Ku. Eka
35	1601219213	MOUSUMEE PATEL	MS	AR	AR	AR
36	1601219214	NAGEN SAHU	Nagen Sahu	Nagen Sahu	Nagen Sahu	Nagen Sahu
37	1601219215	PRABIR KUMAR TUDU	P.K. Tudu	P.K. Tudu	P.K. Tudu	P.K. Tudu
38	1601219216	PRASHUN KANTI	Prashun Kanti	Prashun Kanti	Prashun Kanti	Prashun Kanti
39	1601219217	PRATIKSHA SARANGI	Pratiksha Sarangi	Pratiksha Sarangi	Pratiksha Sarangi	Pratiksha Sarangi
40	1601219218	PRIYABRATA KONAR	Priyabrata Konar	Priyabrata Konar	Priyabrata Konar	Priyabrata Konar
41	1601219219	RAKESH MUDULI	Rakesh Muduli	Rakesh Muduli	Rakesh Muduli	Rakesh Muduli
42	1601219220	ROJALIN PRIYADARSHINI	Rojalin Swain	Rojalin Swain	Rojalin Swain	Rojalin Swain
43	1601219221	ROJALIN SWAIN	Rojalin Swain	Rojalin Swain	Rojalin Swain	Rojalin Swain
44	1601219222	SABITRU NARAYAN MISHRA	S.N. Mishra	S.N. Mishra	S.N. Mishra	S.N. Mishra
45	1601219223	SANJEEBANE BEHERA	S. Behera	S. Behera	S. Behera	S. Behera
46	1601219224	SANJEEV KUMAR	Sanjeev Kumar	Sanjeev Kumar	Sanjeev Kumar	Sanjeev Kumar
47	1601219225	SANTOSH KUMAR SAHOO	Santosh Ku Sahoo	Santosh Ku Sahoo	Santosh Ku Sahoo	Santosh Ku Sahoo
48	1601219226	SAROJ KUMAR PAITAL	S.K. Patra	S.K. Patra	S.K. Patra	S.K. Patra
49	1601219227	SATYA NARAYAN NAYAK	S.N. Nayak	S.N. Nayak	S.N. Nayak	S.N. Nayak
50	1601219228	SHASHI RANJAN	Shashi Ranjan	Shashi Ranjan	Shashi Ranjan	Shashi Ranjan
51	1601219229	SHASHIKANT KUMAR	SKumar	SKumar	SKumar	SKumar
52	1601219230	SHEJAL SUMAN	Shejal Suman	Shejal Suman	Shejal Suman	Shejal Suman
53	1601219231	SIDDHANTA PRATIK	SP Pratik	SP Pratik	SP Pratik	SP Pratik
54	1601219232	SIDHARTHA DAS	Sidhartha Das	Sidhartha Das	Sidhartha Das	Sidhartha Das
55	1601219233	SIDHARTHA JAGADEV RAY	S.S. Ray	S.S. Ray	S.S. Ray	S.S. Ray

Signature of the Course Coordinator

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*





**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. MONALISA BAL, student of the Department

of Civil Engg. semester Seventh bearing registration number 1601219008

has successfully completed the ADD-ON Course titled Water Economics And Governance

conducted at College of Engineering Bhubaneswar in the academic year 2019-20.

**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. SANSU PRIYA, student of the Department

of Civil Engg. semester Seventh bearing registration number 1601219009

has successfully completed the ADD-ON Course titled Water Economics And Governance

conducted at College of Engineering Bhubaneswar in the academic year 2019-20.

**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. SURAJ KUMAR, student of the Department

of Civil Engg. semester Seventh wearing registration number 1601219010

has successfully completed the ADD-ON Course titled Water Economics And Governance

conducted at College of Engineering Bhubaneswar in the academic year 2019-20.

**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. PRIYA XALXO, student of the Department

of Civil Engg. semester Seventh bearing registration number 1601219071

has successfully completed the ADD-ON Course titled Water Economics And Governance

conducted at College of Engineering Bhubaneswar in the academic year 2019-20.

**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. SATYANARAYAN DAS, student of the Department

of Civil Engg. semester Seventh bearing registration number 1601219185

has successfully completed the ADD-ON Course titled Water Economics And Governance

conducted at College of Engineering Bhubaneswar in the academic year 2019-20

**TRUE COPY**

Course-Coordinator

Principal

PRINCIPAL  
College of Engineering Bhubaneswar