



COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
Plot No.1 (A), CNI Complex, Patia, Bhubaneswar – 751024, Odisha, India.
[AFFILIATED TO BPUT, ODISHA]
www.coeb.ac.in

DEPARTMENT OF ELECTRICAL ENGINEERING

ADD-ON COURSE : Fault Analysis of Electrical Transmission Systems

[Programme: B.Tech, EEE/EE]

SYLLABUS

Total Lecture Hours : 40

Course Objectives:

This course focuses on the analysis, detection, and mitigation of faults in electrical transmission systems. Students will learn about different types of electrical faults, fault detection techniques, and strategies for minimizing downtime and damage caused by faults.

MODULE-I Introduction to Electrical Faults & Short-Circuit Analysis [12 Hours]

Types of electrical faults, Causes and consequences of faults, Importance of fault analysis in power systems, Types of short circuits (symmetrical and asymmetrical), Calculation of fault currents, Per-unit system and impedance matrices, Symmetrical component analysis

MODULE-II Fault Detection and Location [12 Hours]

Relay protection fundamentals, Overcurrent and distance relaying, Pilot relaying schemes, Fault location techniques, Grounding systems in transmission networks, Types of ground faults, Ground fault detection and protection.

MODULE-III Transient Faults and Switching Surges [12 Hours]

Transient fault analysis, Switching surges and their effects, Mitigation of switching surges, Principles of protective relaying, Coordination of protection relays, Relay settings and coordination curves

MODULE-IV Case Studies and Real-World Applications [04 Hours]

Analysis of real-world transmission system faults, Case studies on fault analysis and mitigation strategies, Review of industry best practices.

Course Outcomes: After completion of the course, the students will be able to

- CO1: Identify and understand various types of electrical faults in transmission systems.
- CO2: Analyze fault currents, voltages, and power system responses during faults.
- CO3: Apply different fault detection and protection techniques.
- CO4: Design and evaluate protective relaying systems for fault mitigation.
- CO5: Develop strategies for minimizing downtime and damage due to faults.

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Evaluation Process:

1. Attendance for the course is 75%, which is mandatory.
2. Minimum qualifying marks percentage for the course is 50.
3. Certificate will be issued after successful completion of course and assessment processes.

Learning resources:

Suggested Books:

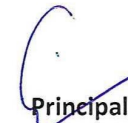
1. "Power System Protection and Switchgear" by Badri Ram and D.N. Vishwakarma
2. "Power Transmission System Analysis Against Faults and Attacks" by Tamalika Chowdhury, Abhijit Chakrabarti, Chandan Kumar Chanda


Other Sources:


e-Learning Resources:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4496419/>

Design and Developed by: Dr T.C. Manjunath & Prof. Anjan Kumar Sahoo


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HOD, Electrical Engineering
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NOTICE

Department of Electrical Engineering Add On Course 2021-2022

Ref No: COEB/EE/2021/16

Date: 24.11.2021

It is hereby informed to all the students that the Department of Electrical Engineering is going to start the following Add-on courses for Academic year 2021-2022. All the students are instructed to enroll their names for the following courses on or before 04.12.2021. The classes will be commenced from **06/12/2021**, 5.30pm to 7.30pm. You can contact the following course co-ordinators for enrolment and further queries.


Sl. No.	Name of Add-on Course	Sem	Duration in hours	Name of the course co-ordinators
1	Electrical Circuit Analysis with PSIM	3 rd	40	Dr. N Veda Kumar, Assistant Professor
2	Fault Analysis of Electrical Transmission System	5 th	40	Debarpita Roul, Assistant Professor
3	Concepts of transformer core design	7 th	40	Dr. Prakash Chandra Sahu, Assistant Professor


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Electrical Engineering Department

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**COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
ADD-ON COURSE**

STUDENT ENROLLMENT SHEET

Name of the Department: ELECTRICAL ENGINEERING	
Course Title: Fault Analysis of Electrical Transmission System	
Semester : 5th	Academic Year: 2021-22

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	1901219116	JEEVANRAM HANSDAH	Jeevanram Hansdah
2	1901219117	NIKHHIL EDISON SAMADA	Nikhil Edison Samada
3	1901219119	RABINDRA KUMAR PURTY	Rabindra Kumar Purty
4	1901219120	SAGARIKA PRADHAN	Sagarika Pradhan
5	1901219121	SIPUN KUMAR PATRA	Sipun Kumar Patra
6	1901219122	SONALI MURMU	Sonali Murmu
7	1901219123	SUVENDU KUMAR ROUT	Suvendu Kumar Rout
8	1901219231	ABINASH PATTANAYAK	Abinash Pattnayak
9	1901219232	BISWANATH ROUT	Biswanath Rout
10	1901219233	CHANDRA SEKHAR PRUSTY	Chandra Sekhar Prusty
11	1901219234	GURU CHARAN MOHANTA	Guru Charan Mohanta
12	1901219236	PRAFULLA KUMAR CHAMPIA	Prafulla Kumar Champia
13	1901219237	PRIYANKA PATRA	Priyanka Patra
14	1901219238	RAMAN KUMAR PATRA	Raman Kumar Patra
15	1901219239	RASHMI HEMBRAM	Rashmi Hembram
16	1901219240	RUTURAJ NAYAK	Ruturaj Nayak
17	1901219241	SATYA NARAYAN DASH	Satya Narayan Das
18	1901219242	SATYABRATA SAHOO	Satyabrata Sahoo
19	1901219243	SHAKTIBHUSAN MISHRA	Shaktibhusan Mishra
20	1901219244	SHAKTIKANTA MALLIK	Shaktikanta Mallik
21	1901219246	SIPUN NAIK	Sipun Naik
22	1901219247	SITAKANTA PANDA	Sitakanta Panda
23	1901219248	SMITA DAS	Smita Das
24	1901219249	SUBHRANSU SEKHAR DAS	Subhansu Sekhar Das
25	1901219250	SUDHANSHU SEKHAR BEHERA	Sudhanshu Sekhar Behera
26	1901219251	SUNIL CHAMPIA	Sunil Champia
27	1901219252	SUVAM PATTNAIK	Suvam Pattnaik
28	1901219253	PABITRA BADAJENA	Pabitra Bada Jena




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

STUDENT ATTENDANCE

Sheet No. 03(a)

Programme: **B.Tech in Electrical Engineering** Semester: **5th** Academic Year: **2021-22**

Name of the Course: **Fault Analysis of Electrical Transmission System** Course Code (if any):

Duration : **5:30PM - 7:30PM**

Sl. No.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date & Signature of the Student				
			Date:	Date:	Date:	Date:	Date:
1	1901219116	JEEVANRAM HANSDAH	16/12/21	17/12/21	20/12/21	21/12/21	
2	1901219117	NIKHIL EDISON SAMADA	16/12/21	17/12/21	20/12/21	21/12/21	
3	1901219119	RABINDRA KUMAR PURTY	16/12/21	17/12/21	20/12/21	21/12/21	
4	1901219120	SAGARIKA PRADHAN	16/12/21	17/12/21	20/12/21	21/12/21	
5	1901219121	SIPUN KUMAR PATRA	16/12/21	17/12/21	20/12/21	21/12/21	
6	1901219122	SONALI MURMU	16/12/21	17/12/21	20/12/21	21/12/21	
7	1901219123	SUVENDU KUMAR ROUT	16/12/21	17/12/21	20/12/21	21/12/21	
8	1901219231	ABINASH PATTANAYAK	16/12/21	17/12/21	20/12/21	21/12/21	
9	1901219232	BISWANATH ROUT	16/12/21	17/12/21	20/12/21	21/12/21	
10	1901219233	CHANDRA SEKHAR PRUSTY	16/12/21	17/12/21	20/12/21	21/12/21	
11	1901219234	GURU CHARAN MOHANTA	16/12/21	17/12/21	20/12/21	21/12/21	
12	1901219236	PRAFULLA KUMAR CHAMPIA	16/12/21	17/12/21	20/12/21	21/12/21	
13	1901219237	PRIYANKA PATRA	16/12/21	17/12/21	20/12/21	21/12/21	
14	1901219238	RAMAN KUMAR PATRA	16/12/21	17/12/21	20/12/21	21/12/21	
15	1901219239	RASHMI HEMBRAM	16/12/21	17/12/21	20/12/21	21/12/21	
16	1901219240	RUTURAJ NAVAK	16/12/21	17/12/21	20/12/21	21/12/21	

Signature of the Course Coordinator

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DEPARTMENT OF ELECTRICAL ENGINEERING
ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE

Sheet No. 03(b)

Programme: **B.Tech in Electrical Engineering**


Semester: **5th**

Academic Year: **2021-22**

Name of the Course: **Fault Analysis of Electrical Transmission System**

Course Code (if any):

Duration : 5:30PM-7:30PM		Date & Signature of the Student								
Sl. No.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Signature	Date:	Signature	Date:	Signature	Date:	Signature
17	1901219241	SATYA NARAYAN DASH	16/12/21	Satya Narayan Dash	17/12/21	Satya Narayan Dash	20/12/21	Satya Narayan Dash	21/12/21	Satya Narayan Dash
18	1901219242	SATYABRATA SAHOO	Satyabrata Sahoo	Satyabrata Sahoo	Abs	Satyabrata Sahoo	Satyabrata Sahoo	Satyabrata Sahoo	Satyabrata Sahoo	Satyabrata Sahoo
19	1901219243	SHAKTIBHUSAN MISHRA	Shaktibhusan Mishra	Abs	Abs	Abs	Abs	Abs	Abs	Abs
20	1901219244	SHAKTIKANTA MALLIK	Shaktikanta Mallik	Shaktikanta Mallik	Shaktikanta Mallik	Shaktikanta Mallik	Shaktikanta Mallik	Shaktikanta Mallik	Shaktikanta Mallik	Shaktikanta Mallik
21	1901219246	SIPUN NAIK	Sipun Naik	Sipun Naik	Sipun Naik	Sipun Naik	Sipun Naik	Sipun Naik	Sipun Naik	Sipun Naik
22	1901219247	SITAKANTA PANDA	Sitakanta Panda	Sitakanta Panda	Sitakanta Panda	Sitakanta Panda	Sitakanta Panda	Sitakanta Panda	Sitakanta Panda	Sitakanta Panda
23	1901219248	SMITA DAS	Smrita Das	Smrita Das	Smrita Das	Smrita Das	Smrita Das	Smrita Das	Smrita Das	Smrita Das
24	1901219249	SUBHRANSU SEKHAR DAS	Subhransu Sekhar Das	Subhransu Sekhar Das	Subhransu Sekhar Das	Subhransu Sekhar Das	Subhransu Sekhar Das	Subhransu Sekhar Das	Subhransu Sekhar Das	Subhransu Sekhar Das
25	1901219250	SUDHANSHU SEKHAR BEHERA	Sudhanshu Sekhar Behera	Sudhanshu Sekhar Behera	Sudhanshu Sekhar Behera	Sudhanshu Sekhar Behera	Sudhanshu Sekhar Behera	Sudhanshu Sekhar Behera	Sudhanshu Sekhar Behera	Sudhanshu Sekhar Behera
26	1901219251	SUNIL CHAMPPIA	Sunil Champia	Sunil Champia	Sunil Champia	Sunil Champia	Sunil Champia	Sunil Champia	Sunil Champia	Sunil Champia
27	1901219252	SUVAM PATNAIK	Suvas Pathaik	Suvas Pathaik	Suvas Pathaik	Suvas Pathaik	Suvas Pathaik	Suvas Pathaik	Suvas Pathaik	Suvas Pathaik
28	1901219253	PABITRA BADAJENA	Pabitra Badajena	Pabitra Badajena	Pabitra Badajena	Pabitra Badajena	Pabitra Badajena	Pabitra Badajena	Pabitra Badajena	Pabitra Badajena
Signature of the Course Coordinator			Dash	Dash	Dash	Dash	Dash	Dash	Dash	Dash


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DEPARTMENT OF ELECTRICAL ENGINEERING

ADD ON/ CERTIFICATE COURSE

STUDENT ATTENDANCE

Sheet No. 04(a)

Programme: **B.Tech in Electrical Engineering**

Semester: **5th**

Academic Year: **2021-22**

Name of the Course: **Fault Analysis of Electrical Transmission System**

Course Code (if any):

Duration : **5:30PM -7:30PM**

Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date & Signature of the Student					
			Date:	Signature	Date:	Signature		
1	1901219116	JEEVANRAM HANSDAH	Date: 22/12/21 See vanaram Hansdah	See vanaram Hansdah	Date: 23/12/21 See vanaram Hansdah	See vanaram Hansdah	Date: 24/12/21 See vanaram Hansdah	Date: 06/01/22 See vanaram Hansdah
2	1901219117	NIKHIL EDISON SAMADA	Date: 22/12/21 Nikhil Edison Samada	Nikhil Edison Samada	Date: 23/12/21 Nikhil Edison Samada	Nikhil Edison Samada	Date: 24/12/21 Nikhil Edison Samada	Date: 06/01/22 Nikhil Edison Samada
3	1901219119	RABINDRA KUMAR PURTY	Date: 22/12/21 Rabindra Kumar Purty	Rabindra Kumar Purty	Date: 23/12/21 Rabindra Kumar Purty	Rabindra Kumar Purty	Date: 24/12/21 Rabindra Kumar Purty	Date: 06/01/22 Rabindra Kumar Purty
4	1901219120	SAGARIKA PRADHAN	Date: 22/12/21 Sagarika Pradhan	ABs	Date: 23/12/21 Sagarika Pradhan	Sagarika Pradhan	Date: 24/12/21 Sagarika Pradhan	Date: 06/01/22 Sagarika Pradhan
5	1901219121	SIPUN KUMAR PATRA	Date: 22/12/21 Sipun Kumar Patra	Sipun Kumar Patra	Date: 23/12/21 Sipun Kumar Patra	Sipun Kumar Patra	Date: 24/12/21 Sipun Kumar Patra	Date: 06/01/22 Sipun Kumar Patra
6	1901219122	SONALI MURMU	Date: 22/12/21 sonali murmu	sonali murmu	Date: 23/12/21 sonali murmu	sonali murmu	Date: 24/12/21 sonali murmu	Date: 06/01/22 sonali murmu
7	1901219123	SUVENDU KUMAR ROUT	Date: 22/12/21 Suyendu Kumar Rout	Suyendu Kumar Rout	Date: 23/12/21 Suyendu Kumar Rout	Suyendu Kumar Rout	Date: 24/12/21 Suyendu Kumar Rout	Date: 06/01/22 Suyendu Kumar Rout
8	1901219231	ABINASH PATTANAYAK	Date: 22/12/21 Abinash Pattanayak	Abinash Pattanayak	Date: 23/12/21 Abinash Pattanayak	Abinash Pattanayak	Date: 24/12/21 Abinash Pattanayak	Date: 06/01/22 Abinash Pattanayak
9	1901219232	BISWANATH ROUT	Date: 22/12/21 Biswanath Rout	Biswanath Rout	Date: 23/12/21 Biswanath Rout	Biswanath Rout	Date: 24/12/21 Biswanath Rout	Date: 06/01/22 Biswanath Rout
10	1901219233	CHANDRA SEKHAR PRUSTY	Date: 22/12/21 Chandrasekh. Prusty	Chandrasekh. Prusty	Date: 23/12/21 Chandrasekh. Prusty	Chandrasekh. Prusty	Date: 24/12/21 Chandrasekh. Prusty	Date: 06/01/22 Chandrasekh. Prusty
11	1901219234	GURU CHARAN MOHANTA	Date: 22/12/21 Guru Charan Mohanta	Guru Charan Mohanta	Date: 23/12/21 Guru Charan Mohanta	Guru Charan Mohanta	Date: 24/12/21 Guru Charan Mohanta	Date: 06/01/22 Guru Charan Mohanta
12	1901219236	PRAFULLA KUMAR CHAMPA	Date: 22/12/21 Prakrulla Chanchampa	Prakrulla Chanchampa	Date: 23/12/21 Prakrulla Chanchampa	Prakrulla Chanchampa	Date: 24/12/21 Prakrulla Chanchampa	Date: 06/01/22 Prakrulla Chanchampa
13	1901219237	PRIYANKA PATRA	Date: 22/12/21 ABs	ABs	Date: 23/12/21 ABs	ABs	Date: 24/12/21 ABs	Date: 06/01/22 ABs
14	1901219238	RAMAN KUMAR PATRA	Date: 22/12/21 Raman Kumar Patra	Raman Kumar Patra	Date: 23/12/21 Raman Kumar Patra	Raman Kumar Patra	Date: 24/12/21 Raman Kumar Patra	Date: 06/01/22 Raman Kumar Patra
15	1901219239	RASHMI HEMBRAM	Date: 22/12/21 Rashmi Hembram	Rashmi Hembram	Date: 23/12/21 Rashmi Hembram	Rashmi Hembram	Date: 24/12/21 Rashmi Hembram	Date: 06/01/22 Rashmi Hembram
16	1901219240	RUTURAJ NAYAK	Date: 22/12/21 Ruturaj Nayak	Ruturaj Nayak	Date: 23/12/21 Ruturaj Nayak	Ruturaj Nayak	Date: 24/12/21 Ruturaj Nayak	Date: 06/01/22 Ruturaj Nayak

Signature of the Course Coordinator

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DEPARTMENT OF ELECTRICAL ENGINEERING
 ADD ON/ CERTIFICATE COURSE

STUDENT ATTENDANCE

Sheet No. 04(b)

Programme: **B.Tech in Electrical Engineering** Semester: **5th** Academic Year: **2021-22**

Name of the Course: **Fault Analysis of Electrical Transmission System** Course Code (if any):

Duration : **5:30PM - 7:30PM** Date & Signature of the Student

Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Signature	Date:	Signature	Date:	Signature	Date:	Signature
17	1901219241	SATYA NARAYAN DASH	22/12/21	Satya Narayan Dash	23/12/21	Satya Narayan Dash	24/12/21	Satya Narayan Dash	06/01/22	Satya Narayan Dash
18	1901219242	SATYABRATA SAHOO	22/12/21	Satyabrata Sahoo	23/12/21	Satyabrata Sahoo	24/12/21	Satyabrata Sahoo	06/01/22	Satyabrata Sahoo
19	1901219243	SHAKTIBHUSAN MISHRA	22/12/21	Shaktibhusan Mishra	23/12/21	Shaktibhusan Mishra	24/12/21	Shaktibhusan Mishra	06/01/22	Shaktibhusan Mishra
20	1901219244	SHAKTIKANTA MALLIK	22/12/21	Shaktikanta Mallik	23/12/21	Shaktikanta Mallik	24/12/21	Shaktikanta Mallik	06/01/22	Shaktikanta Mallik
21	1901219246	SIPUN NAIK	22/12/21	Sipun Naik	23/12/21	Sipun Naik	24/12/21	Sipun Naik	06/01/22	Sipun Naik
22	1901219247	STAKANTA PANDA	22/12/21	Sitakanta Panda	23/12/21	Sitakanta Panda	24/12/21	Sitakanta Panda	06/01/22	Sitakanta Panda
23	1901219248	SMITA DAS	22/12/21	Smita Das	23/12/21	Smita Das	24/12/21	Smita Das	06/01/22	Smita Das
24	1901219249	SUBHRANSU SEKHAR DAS	22/12/21	Subhransu Sekhar Das	23/12/21	Subhransu Sekhar Das	24/12/21	Subhransu Sekhar Das	06/01/22	Subhransu Sekhar Das
25	1901219250	SUDHANSHU SEKHAR BEHERA	22/12/21	Sudhanshu Sekhar Behera	23/12/21	Sudhanshu Sekhar Behera	24/12/21	Sudhanshu Sekhar Behera	06/01/22	Sudhanshu Sekhar Behera
26	1901219251	SUNIL CHAMPRA	22/12/21	Sunil Champra	23/12/21	Sunil Champra	24/12/21	Sunil Champra	06/01/22	Sunil Champra
27	1901219252	SUVAM PATNAIK	22/12/21	Suvas Patnaik	23/12/21	Suvas Patnaik	24/12/21	Suvas Patnaik	06/01/22	Suvas Patnaik
28	1901219253	PABITRA BADAJENA	22/12/21	Pabitra Badajena	23/12/21	Pabitra Badajena	24/12/21	Pabitra Badajena	06/01/22	Pabitra Badajena
		Signature of the Course Coordinator		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>

[Signature]
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COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
DEPARTMENT OF ELECTRICAL ENGINEERING
 ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE

Sheet No. 05(a)


Programme: **B.Tech in Electrical Engineering** Semester: **5th** Academic Year: **2021-22**

Name of the Course: **Fault Analysis of Electrical Transmission System** Course Code (if any):

Duration : **5:30 PM - 7:30 PM**

Sl. No.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date & Signature of the Student							
			Date:	Signature	Date:	Signature				
1	1901219116	JEEVANRAM HANSDAH	07/01/22	Jeevanram Hansdah	10/01/22	Jeevanram Hansdah	11/01/22	Jeevanram Hansdah	12/01/22	Jeevanram Hansdah
2	1901219117	NIKHIL EDISON SAMADA	07/01/22	Nikhil Edisonsamada	10/01/22	Nikhil Edisonsamada	11/01/22	Nikhil Edison Samada	12/01/22	Nikhil Edison Samada
3	1901219119	RABINDRA KUMAR PURTY	07/01/22	Rabindra Kumar Purty	10/01/22	Rabindra Kumar Purty	11/01/22	Rabindra Kumar Purty	12/01/22	Rabindra Kumar Purty
4	1901219120	SAGARIKA PRADHAN	07/01/22	Sagarika Pradhan	10/01/22	Sagarika Pradhan	11/01/22	Sagarika Pradhan	12/01/22	Sagarika Pradhan
5	1901219121	SIPUN KUMAR PATRA	07/01/22	Sipun Kumar Patra	10/01/22	Sipun Kumar Patra	11/01/22	Sipun Kumar Patra	12/01/22	Sipun Kumar Patra
6	1901219122	SONALI MURMU	07/01/22	Sonali murmu	10/01/22	Sonali murmu	11/01/22	Sonali murmu	12/01/22	Sonali murmu
7	1901219123	SUVENDU KUMAR ROUT	07/01/22	Suwendu Kumar Rout	10/01/22	Suwendu Kumar Rout	11/01/22	Suwendu Kumar Rout	12/01/22	Suwendu Kumar Rout
8	1901219231	ABINASH PATTANAYAK	07/01/22	Abinash pattanayak	10/01/22	Abinash pattanayak	11/01/22	Abinash pattanayak	12/01/22	Abinash pattanayak
9	1901219232	BISWANATH ROUT	07/01/22	Biswanath Rout	10/01/22	Biswanath Rout	11/01/22	Biswanath Rout	12/01/22	Biswanath Rout
10	1901219233	CHANDRA SEKHAR PRUSTY	07/01/22	Chandra Sekhar Prusty	10/01/22	Chandra Sekhar Prusty	11/01/22	Chandra Sekhar Prusty	12/01/22	Chandra Sekhar Prusty
11	1901219234	GURU CHARAN MOHANTA	07/01/22	Guru Charan Mohanta	10/01/22	Guru Charan Mohanta	11/01/22	Guru Charan Mohanta	12/01/22	Guru Charan Mohanta
12	1901219236	PRAFULLA KUMAR CHAMPIA	07/01/22	Prakrullakumar champia	10/01/22	Prakrullakumar champia	11/01/22	Prakrullakumar champia	12/01/22	Prakrullakumar champia
13	1901219237	PRIYANKA PATRA	07/01/22	Prityanka Patra	10/01/22	Prityanka Patra	11/01/22	Prityanka Patra	12/01/22	Prityanka Patra
14	1901219238	RAMAN KUMAR PATRA	07/01/22	Raman Kumar Patra	10/01/22	Raman Kumar Patra	11/01/22	Raman Kumar Patra	12/01/22	Raman Kumar Patra
15	1901219239	RASHMI HEMBRAM	07/01/22	Rashmi hembram	10/01/22	Rashmi hembram	11/01/22	Rashmi hembram	12/01/22	Rashmi hembram
16	1901219240	RUTURAJ NAVAK	07/01/22	Ruturaj Navak	10/01/22	Ruturaj Navak	11/01/22	Ruturaj Navak	12/01/22	Ruturaj Navak

Signature of the Course Coordinator


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DEPARTMENT OF ELECTRICAL ENGINEERING
ADD ON / CERTIFICATE COURSE

STUDENT ATTENDANCE

Sheet No. 0567

Programme: **B.Tech in Electrical Engineering**

Semester: **5th**


Academic Year: **2021-22**

Name of the Course: **Fault Analysis of Electrical Transmission System**

Course Code (if any):

Duration : **5:30 PM - 7:30 PM**

Duration : 5:30 PM - 7:30 PM		Date & Signature of the Student								
Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Signature	Date:	Signature	Date:	Signature	Date:	Signature
17	1901219241	SATYA NARAYAN DASH	07/01/22	Satya Narayan Dash	10/01/22	Satya Narayan Dash	11/01/22	Satya Narayan Dash	12/01/22	Satya Narayan Dash
18	1901219242	SATYABRATA SAHOO	07/01/22	Satyabrata Sahoo	10/01/22	Satyabrata Sahoo	11/01/22	Satyabrata Sahoo	12/01/22	Satyabrata Sahoo
19	1901219243	SHAKTIBHUSAN MISHRA	07/01/22	Shaktibhusan Mishra	10/01/22	Shaktibhusan Mishra	11/01/22	Shaktibhusan Mishra	12/01/22	Shaktibhusan Mishra
20	1901219244	SHAKTIKANTA MALLIK	07/01/22	Shaktikanta Mallik	10/01/22	Shaktikanta Mallik	11/01/22	Shaktikanta Mallik	12/01/22	Shaktikanta Mallik
21	1901219246	SIPUN NAIK	07/01/22	Sipun Naik	10/01/22	Sipun Naik	11/01/22	Sipun Naik	12/01/22	Sipun Naik
22	1901219247	SITAKANTA PANDA	07/01/22	Sitakanta Panda	10/01/22	Sitakanta Panda	11/01/22	Sitakanta Panda	12/01/22	Sitakanta Panda
23	1901219248	SMITA DAS	07/01/22	Smita Das	10/01/22	Smita Das	11/01/22	Smita Das	12/01/22	Smita Das
24	1901219249	SUBHRANSU SEKHAR DAS	07/01/22	Subhransu Sekhar Das	10/01/22	Subhransu Sekhar Das	11/01/22	Subhransu Sekhar Das	12/01/22	Subhransu Sekhar Das
25	1901219250	SUDHANSHU SEKHAR BEHERA	07/01/22	Sudhanshu Sekhar Behera	10/01/22	Sudhanshu Sekhar Behera	11/01/22	Sudhanshu Sekhar Behera	12/01/22	Sudhanshu Sekhar Behera
26	1901219251	SUNIL CHAMPRA	07/01/22	Sunil Champre	10/01/22	Sunil Champre	11/01/22	Sunil Champre	12/01/22	Sunil Champre
27	1901219252	SUVAM PATNAIK	07/01/22	Suvas Pattnaik	10/01/22	Suvas Pattnaik	11/01/22	Suvas Pattnaik	12/01/22	Suvas Pattnaik
28	1901219253	PABITRA BADAJENA	07/01/22	Pabitra Badajena	10/01/22	Pabitra Badajena	11/01/22	Pabitra Badajena	12/01/22	Pabitra Badajena
Signature of the Course Coordinator										


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College of Engineering Bhubaneswar



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

STUDENT ATTENDANCE

Sheet No. 01 (a)

Programme: **B.Tech in Electrical Engineering**

Semester: **5th**

Academic Year: **2021-22**

Name of the Course: **Fault Analysis of Electrical Transmission System**

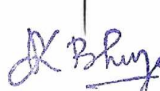
Course Code (if any):

Duration : **5:30PM - 7:30PM**

Date & Signature of the Student

Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Signature	Date:	Signature	Date:	Signature	Date:	Signature
1	1901219116	JEEVANRAM HANSDAH	06/12/21	Jeevanram Hansdah	07/12/21	Jeevanram Hansdah	08/12/21	Jeevanram Hansdah	09/12/21	Jeevanram Hansdah
2	1901219117	NIKHIL EDISON SAMADA	06/12/21	Nikhil Edison Samada	07/12/21	Nikhil Edison Samada	08/12/21	Nikhil Edison Samada	09/12/21	Nikhil Edison Samada
3	1901219119	RABINDRA KUMAR PURTY	06/12/21	Rabindra Kumar Purty	07/12/21	Rabindra Kumar Purty	08/12/21	Rabindra Kumar Purty	09/12/21	Rabindra Kumar Purty
4	1901219120	SAGARIKA PRADHAN	06/12/21	Sagarika Pradhan	07/12/21	Sagarika Pradhan	08/12/21	Sagarika Pradhan	09/12/21	Sagarika Pradhan
5	1901219121	SIPUN KUMAR PATRA	06/12/21	Sipun Kumar Patra	07/12/21	Sipun Kumar Patra	08/12/21	Sipun Kumar Patra	09/12/21	Sipun Kumar Patra
6	1901219122	SONALI MURMU	06/12/21	Sonali murmu	07/12/21	Sonali murmu	08/12/21	Sonali murmu	09/12/21	Sonali murmu
7	1901219123	SUVENDU KUMAR ROUT	06/12/21	Suvendu Kumar Rout	07/12/21	Suvendu Kumar Rout	08/12/21	Suvendu Kumar Rout	09/12/21	Suvendu Kumar Rout
8	1901219231	ABINASH PATTANAYAK	06/12/21	Abinash pattanayak	07/12/21	Abinash pattanayak	08/12/21	Abinash pattanayak	09/12/21	Abinash pattanayak
9	1901219232	BISWANATH ROUT	06/12/21	Biswanath Rout	07/12/21	Biswanath Rout	08/12/21	Biswanath Rout	09/12/21	Biswanath Rout
10	1901219233	CHANDRA SEKHAR PRUSTY	06/12/21	Chandrasekhar Prusty	07/12/21	Chandrasekhar Prusty	08/12/21	Chandrasekhar Prusty	09/12/21	Chandrasekhar Prusty
11	1901219234	GURU CHARAN MOHANTA	06/12/21	Guru Charan Mohanta	07/12/21	Guru Charan Mohanta	08/12/21	Guru Charan Mohanta	09/12/21	Guru Charan Mohanta
12	1901219236	PRAFULLA KUMAR CHAMPRA	06/12/21	Prafulla Kumar Champra	07/12/21	Prafulla Kumar Champra	08/12/21	Prafulla Kumar Champra	09/12/21	Prafulla Kumar Champra
13	1901219237	PRIYANKA PATRA	06/12/21	Priyanka Patra	07/12/21	Priyanka Patra	08/12/21	Priyanka Patra	09/12/21	Priyanka Patra
14	1901219238	RAMAN KUMAR PATRA	06/12/21	Raman Kumar Patra	07/12/21	Raman Kumar Patra	08/12/21	Raman Kumar Patra	09/12/21	Raman Kumar Patra
15	1901219239	RASHMI HEMBRAM	06/12/21	Rashmi hembram	07/12/21	Rashmi hembram	08/12/21	Rashmi hembram	09/12/21	Rashmi hembram
16	1901219240	RUTURAJ NAYAK	06/12/21	Ruturaj Nayak	07/12/21	Ruturaj Nayak	08/12/21	Ruturaj Nayak	09/12/21	Ruturaj Nayak

Signature of the Course Coordinator


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 College of Engineering Bhubaneswar



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

STUDENT ATTENDANCE

Sheet No. 01 (b)

Programme: **B.Tech in Electrical Engineering**


Semester: **5th**

Academic Year: **2021-22**

Name of the Course: **Fault Analysis of Electrical Transmission System**

Course Code (if any):

Duration : <u>5:30PM - 7:30PM</u>		Date & Signature of the Student								
Sl. No.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Signature	Date:	Signature	Date:	Signature	Date:	Signature
17	1901219241	SATYA NARAYAN DASH	06/12/21	Satya Narayan Dash	07/12/21	Satya Narayan Dash	08/12/21	Satya Narayan Dash	09/12/21	Satya Narayan Dash
18	1901219242	SATYABRATA SAHOO	Satyabrata Sahoo	Satyabrata Sahoo	Satyabrata Sahoo	Satyabrata Sahoo	Satyabrata Sahoo	Satyabrata Sahoo	Satyabrata Sahoo	Satyabrata Sahoo
19	1901219243	SHAKTIBHUSAN MISHRA	Shaktibhusan Mishra	Shaktibhusan Mishra	Shaktibhusan Mishra	Abs	Shaktibhusan Mishra	Shaktibhusan Mishra	Shaktibhusan Mishra	Shaktibhusan Mishra
20	1901219244	SHAKTIKANTA MALLIK	Shaktikanta Mallik	Shaktikanta Mallik	Shaktikanta Mallik	Shaktikanta Mallik	Shaktikanta Mallik	Shaktikanta Mallik	Shaktikanta Mallik	Shaktikanta Mallik
21	1901219246	SIPUN NAIK	Sipun Naik	Sipun Naik	Sipun Naik	Sipun Naik	Sipun Naik	Sipun Naik	Sipun Naik	Sipun Naik
22	1901219247	SITAKANTA PANDA	Sitakanta Panda	Sitakanta Panda	Sitakanta Panda	Sitakanta Panda	Sitakanta Panda	Sitakanta Panda	Sitakanta Panda	Sitakanta Panda
23	1901219248	SMITA DAS	Smrita Das	Smrita Das	Smrita Das	Smrita Das	Smrita Das	Smrita Das	Smrita Das	Smrita Das
24	1901219249	SUBHRANSU SEKHAR DAS	Subhransu Sekhar Das	Subhransu Sekhar Das	Subhransu Sekhar Das	Subhransu Sekhar Das	Subhransu Sekhar Das	Subhransu Sekhar Das	Subhransu Sekhar Das	Subhransu Sekhar Das
25	1901219250	SUDHANSHU SEKHAR BEHERA	Sudhanshu Sekhar Behera	Sudhanshu Sekhar Behera	Abs	Sudhanshu Sekhar Behera	Sudhanshu Sekhar Behera	Sudhanshu Sekhar Behera	Sudhanshu Sekhar Behera	Sudhanshu Sekhar Behera
26	1901219251	SUNIL CHAMPRA	Sunil Champre	Sunil Champre	Sunil Champre	Sunil Champre	Sunil Champre	Sunil Champre	Sunil Champre	Sunil Champre
27	1901219252	SUVAM PATNAIK	Suvas Pathnaik	Suvas Pathnaik	Suvas Pathnaik	Suvas Pathnaik	Suvas Pathnaik	Suvas Pathnaik	Suvas Pathnaik	Suvas Pathnaik
28	1901219253	PABITRA BADAJENA	Pabitra Badajena	Pabitra Badajena	Pabitra Badajena	Pabitra Badajena	Pabitra Badajena	Pabitra Badajena	Pabitra Badajena	Pabitra Badajena
Signature of the Course Coordinator			<u>Smita</u>	<u>Smita</u>	<u>Smita</u>	<u>Smita</u>	<u>Smita</u>	<u>Smita</u>	<u>Smita</u>	<u>Smita</u>


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

STUDENT ATTENDANCE

Sheet No. 02 (a)

Programme: **B.Tech in Electrical Engineering**

Semester: **5th**

Academic Year: **2021-22**

Name of the Course: **Fault Analysis of Electrical Transmission System**

Course Code (if any):

Duration : **5:30PM-7:30PM**

Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date & Signature of the Student							
			Date:	Signature	Date:	Signature				
1	1901219116	JEEVANRAM HANSDAH	10/12/21	[Signature]	13/12/21	[Signature]	14/12/21	[Signature]	15/12/21	[Signature]
2	1901219117	NIKHIL EDISON SAMADA	10/12/21	[Signature]	13/12/21	[Signature]	14/12/21	[Signature]	15/12/21	[Signature]
3	1901219119	RABINDRA KUMAR PURTY	10/12/21	[Signature]	13/12/21	[Signature]	14/12/21	[Signature]	15/12/21	[Signature]
4	1901219120	SAGARIKA PRADHAN	10/12/21	[Signature]	13/12/21	[Signature]	14/12/21	[Signature]	15/12/21	[Signature]
5	1901219121	SIPUN KUMAR PATRA	10/12/21	[Signature]	13/12/21	[Signature]	14/12/21	[Signature]	15/12/21	[Signature]
6	1901219122	SONALI MURMU	10/12/21	[Signature]	13/12/21	[Signature]	14/12/21	[Signature]	15/12/21	[Signature]
7	1901219123	SUVENDU KUMAR ROUT	10/12/21	[Signature]	13/12/21	[Signature]	14/12/21	[Signature]	15/12/21	[Signature]
8	1901219231	ABINASH PATTANAYAK	10/12/21	[Signature]	13/12/21	[Signature]	14/12/21	[Signature]	15/12/21	[Signature]
9	1901219232	BISWANATH ROUT	10/12/21	[Signature]	13/12/21	[Signature]	14/12/21	[Signature]	15/12/21	[Signature]
10	1901219233	CHANDRA SEKHAR PRUSTY	10/12/21	[Signature]	13/12/21	[Signature]	14/12/21	[Signature]	15/12/21	[Signature]
11	1901219234	GURU CHARAN MOHANTA	10/12/21	[Signature]	13/12/21	[Signature]	14/12/21	[Signature]	15/12/21	[Signature]
12	1901219236	PRAFULLA KUMAR CHAMPA	10/12/21	[Signature]	13/12/21	[Signature]	14/12/21	[Signature]	15/12/21	[Signature]
13	1901219237	PRİYANKA PATRA	10/12/21	[Signature]	13/12/21	[Signature]	14/12/21	[Signature]	15/12/21	[Signature]
14	1901219238	RAMAN KUMAR PATRA	10/12/21	[Signature]	13/12/21	[Signature]	14/12/21	[Signature]	15/12/21	[Signature]
15	1901219239	RASHMI HEMBRAM	10/12/21	[Signature]	13/12/21	[Signature]	14/12/21	[Signature]	15/12/21	[Signature]
16	1901219240	RUTURAJ NAYAK	10/12/21	[Signature]	13/12/21	[Signature]	14/12/21	[Signature]	15/12/21	[Signature]

Signature of the Course Coordinator

[Signature]

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

STUDENT ATTENDANCE

Sheet No. 02 (5)

Programme: **B.Tech in Electrical Engineering**


Semester: **5th**

Academic Year: **2021-22**

Name of the Course: **Fault Analysis of Electrical Transmission System**

Course Code (if any):

Duration : <u>5:30PM-7:30PM</u>		Date & Signature of the Student								
Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Signature	Date:	Signature	Date:	Signature	Date:	Signature
17	1901219241	SATYA NARAYAN DASH	10/12/21	Satya Narayan Dash	13/12/21	Satya Narayan Dash	14/12/21	Satya Narayan Dash	15/12/21	Satya Narayan Dash
18	1901219242	SATYABRATA SAHOO	Satyabrata Sahoo	Satyabrata Sahoo	Satyabrata Sahoo	Satyabrata Sahoo	Satyabrata Sahoo	Satyabrata Sahoo	Satyabrata Sahoo	Satyabrata Sahoo
19	1901219243	SHAKTIBHUSAN MISHRA	Shaktibhusan Mishra	Shaktibhusan Mishra	Shaktibhusan Mishra	Shaktibhusan Mishra	Shaktibhusan Mishra	Shaktibhusan Mishra	Shaktibhusan Mishra	Shaktibhusan Mishra
20	1901219244	SHAKTIKANTA MALLIK	Abs	Shaktikanta Mallik	Shaktikanta Mallik	Shaktikanta Mallik	Shaktikanta Mallik	Shaktikanta Mallik	Shaktikanta Mallik	Shaktikanta Mallik
21	1901219246	SIPUN NAIK	Sipun Naik	Sipun Naik	Sipun Naik	Sipun Naik	Sipun Naik	Sipun Naik	Sipun Naik	Sipun Naik
22	1901219247	SITAKANTA PANDA	Sitakanta Panda	Sitakanta Panda	Sitakanta Panda	Sitakanta Panda	Sitakanta Panda	Sitakanta Panda	Sitakanta Panda	Sitakanta Panda
23	1901219248	SMITA DAS	Smita Das	Smita Das	Smita Das	Smita Das	Smita Das	Smita Das	Smita Das	Smita Das
24	1901219249	SUBHRANSU SEKHAR DAS	Subhransu Sekhar Das	Subhransu Sekhar Das	Subhransu Sekhar Das	Subhransu Sekhar Das	Subhransu Sekhar Das	Subhransu Sekhar Das	Subhransu Sekhar Das	Subhransu Sekhar Das
25	1901219250	SUDHANSHU SEKHAR BEHERA	Sudhanshu Sekhar Behera	Sudhanshu Sekhar Behera	Sudhanshu Sekhar Behera	Sudhanshu Sekhar Behera	Sudhanshu Sekhar Behera	Sudhanshu Sekhar Behera	Sudhanshu Sekhar Behera	Sudhanshu Sekhar Behera
26	1901219251	SUNIL CHAMPPIA	Sunil Champia	Sunil Champia	Sunil Champia	Sunil Champia	Sunil Champia	Sunil Champia	Sunil Champia	Sunil Champia
27	1901219252	SUVAM PATNAIK	Suvarn Pathnaik	Suvarn Pathnaik	Suvarn Pathnaik	Suvarn Pathnaik	Suvarn Pathnaik	Suvarn Pathnaik	Suvarn Pathnaik	Suvarn Pathnaik
28	1901219253	PABITRA BADAJENA	Pabitra Badajena	Pabitra Badajena	Pabitra Badajena	Pabitra Badajena	Pabitra Badajena	Pabitra Badajena	Pabitra Badajena	Pabitra Badajena
Signature of the Course Coordinator			Dash	Dash	Dash	Dash	Dash	Dash	Dash	Dash


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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. SONALI MURMU, student of the Department
of Electrical Engg. semester Fifth bearing registration number 1901219122
has successfully completed the ADD-ON Course titled Fault Analysis of Electrical Transmission System
conducted at College of Engineering Bhubaneswar in the academic year 2021-22.

TRUE COPY


Course-Coordinator


Principal



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College of Engineering Bhubaneswar



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



Certificate of Completion

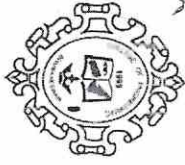
This is to certify that Mr./Ms. SUVENDU KUMAR ROUT, student of the Department
of Electrical Engg. semester Fifth bearing registration number 1901219123
has successfully completed the ADD-ON Course titled Fault Analysis of Electrical Transmission System
conducted at College of Engineering Bhubaneswar in the academic year 2021-22.

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

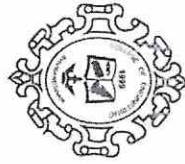
This is to certify that Mr./Ms. ABINASH PATTANAYAK, student of the Department
of Electrical Engg. semester Fifth bearing registration number 1901219231
has successfully completed the ADD-ON Course titled Fault Analysis of Electrical Transmission System
conducted at College of Engineering Bhubaneswar in the academic year 2021-22.

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. BISWANATH ROUT, student of the Department

of Electrical Engg. semester Fifth bearing registration number 1901219232

has successfully completed the ADD-ON Course titled Fault Analysis of Electrical Transmission System

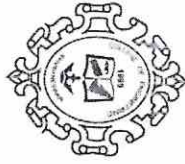
conducted at College of Engineering Bhubaneswar in the academic year 2021-22.

TRUE COPY

Course-Cordinator

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. CHANDRA SEKHAR PRUSTY, student of the Department

of Electrical Engg. semester Fifth bearing registration number 1901219233

has successfully completed the ADD-ON Course titled Fault Analysis of Electrical Transmission System

conducted at College of Engineering Bhubaneswar in the academic year 2021-22.

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Course-Coordinator

Principal

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College of Engineering Bhubaneswar



**COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
ADD-ON COURSE**

STUDENT ENROLLMENT SHEET


Name of the Department: ELECTRICAL AND ELECTRONICS ENGINEERING	
Course Title: Fault Analysis of Electrical Transmission System	
Semester : 5th	Academic Year: 2021-22

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	1901219113	ABHISEK SAMAL	Abhisek Samal
2	1901219114	SAHAJAMAL SK	SahaJamal SK
3	1901219115	SAMIR DEBATA	Samir Debata
4	1901219223	AMARNATH SHARMA	Amarnath Sharma
5	1901219224	BIKASH PRADHAN	Bikash Pradhan
6	1901219225	BISWOMBAR MALIK	Biswombar Malika
7	1901219226	KAILASH PATI SWAIN	Kailash Pati Swain
8	1901219228	SUDIP DAS	Sudip Das
9	1901219229	SURAJ MANDAL	Suraj Mandal
10	1901219230	TAPAN KUMAR SAHOO	Tapan kumar Sahoo




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College of Engineering Bhubaneswar



COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE

Sheet No. 04

Programme: **B.Tech in Electrical and Electronics Engineering**

Semester: **5th**

Academic Year: **2021-22**


Name of the Course: **Fault Analysis of Electrical Transmission System**

Course Code (if any):

Duration : **(5.30 - 7.30) Pm**

Date & Signature of the Student

Sl. No.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Date:	Date:	Date:
1	1901219113	ABHISEK SAMAL	22/12/21	23/12/21	24/12/21	06/01/22
2	1901219114	SAHAJAMAL SK	Abhisek Samal	Abhisek Samal	Abhisek Samal	Abhisek Samal
3	1901219115	SAMIR DEBATA	Sahaajamal SK	Sahaajamal SK	Sahaajamal SK	Sahaajamal SK
4	1901219223	AMARNATH SHARMA	Samir Debata	Samir Debata	Samir Debata	Samir Debata
5	1901219224	BIKASH PRADHAN	Amarnath Sharma	Amarnath Sharma	Amarnath Sharma	Amarnath Sharma
6	1901219225	BISWOMBAR MALIK	Bikash Pradhan	Bikash Pradhan	Bikash Pradhan	Bikash Pradhan
7	1901219226	KAILASH PATI SWAIN	Amarnath Sharma	Amarnath Sharma	Amarnath Sharma	Amarnath Sharma
8	1901219228	SUDIP DAS	Biswombar Malik	Biswombar Malik	Biswombar Malik	Biswombar Malik
9	1901219229	SURAJ MANDAL	Kailash Pati Swain	Kailash Pati Swain	Kailash Pati Swain	Kailash Pati Swain
10	1901219230	TAPAN KUMAR SAHOO	Sudip Das	Sudip Das	Sudip Das	Sudip Das
Signature of the Course Coordinator			Tapan Kumar Sahoo	Tapan Kumar Sahoo	Tapan Kumar Sahoo	Tapan Kumar Sahoo


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COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE

Sheet No. 05

Programme: **B.Tech in Electrical and Electronics Engineering**

Semester: **5th**


Academic Year: **2021-22**

Name of the Course: **Fault Analysis of Electrical Transmission System**

Course Code (if any):

Duration : 5:30 - 7:30 Pm

Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Date:	Date:	Date:
1	1901219113	ABHISEK SAMAL	Abhisek Samal	Abhisek Samal	Abhisek Samal	Abhisek Samal
2	1901219114	SAHAJANMAL SK	SahaJawal SK	SahaJawal SK	SahaJawal SK	SahaJawal SK
3	1901219115	SAMIR DEBATA	Samir debata	Samir debata	Samir debata	Has
4	1901219223	AMARNATH SHARMA	Amanath Sharma	Amanath Sharma	Amanath Sharma	Amanath Sharma
5	1901219224	BIKASH PRADHAN	Bikash Pradhan	Bikash Pradhan	Bikash Pradhan	Bikash Pradhan
6	1901219225	BISWOMBAR MALIK	Biswombar Malik	Biswombar Malik	Biswombar Malik	Biswombar Malik
7	1901219226	KAILASH PATI SWAIN	Kailash Pati Swain	Kailash Pati Swain	Kailash Pati Swain	Kailash Pati Swain
8	1901219228	SUDIP DAS	Sudip Das	Sudip Das	Sudip Das	Sudip Das
9	1901219229	SURAJ MANDAL	Suraj mandal	Suraj mandal	Suraj mandal	Suraj mandal
10	1901219230	TAPAN KUMAR SAHOO	Tapan Ku Sahoo	Tapan Ku Sahoo	Tapan Ku Sahoo	Tapan Ku Sahoo
Signature of the Course Coordinator			<u>Dr. B. K. Pradhan</u>	<u>Dr. B. K. Pradhan</u>	<u>Dr. B. K. Pradhan</u>	<u>Dr. B. K. Pradhan</u>


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COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE

Sheet No. 01

Programme: **B.Tech in Electrical and Electronics Engineering**

Semester: **5th**

Academic Year: **2021-22**

Name of the Course: **Fault Analysis of Electrical Transmission System**

Course Code (if any):

Duration : **(5.30 - 7.30) Pm**

Date & Signature of the Student

SL NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Signature	Date:	Signature	Date:	Signature
1	1901219113	ABHISEK SAMMAL	06/12/21	Abhisek Samal	07/12/21	Abhisek Samal	08/12/21	Abhisek Samal
2	1901219114	SAHAJANMAL SK	Sahaajamal SK	Sahaajamal SK	Sahaajamal SK	Sahaajamal SK	Sahaajamal SK	Sahaajamal SK
3	1901219115	SAMIR DEBATA	Samir Debata	Samir Debata	Samir Debata	Samir Debata	Samir Debata	Samir Debata
4	1901219223	AMARNATH SHARMA	Amarnath Sharma	Amarnath Sharma	Amarnath Sharma	Amarnath Sharma	Amarnath Sharma	Amarnath Sharma
5	1901219224	BIKASH PRADHAN	Bikash Pradhan	Bikash Pradhan	Bikash Pradhan	Bikash Pradhan	Bikash Pradhan	Bikash Pradhan
6	1901219225	BISWOMBAR MALIK	Biswombar Malik	Biswombar Malik	Biswombar Malik	Biswombar Malik	Biswombar Malik	Biswombar Malik
7	1901219226	KAILASH PATI SWAIN	Kailash Pati Swain	Kailash Pati Swain	Kailash Pati Swain	Kailash Pati Swain	Kailash Pati Swain	Kailash Pati Swain
8	1901219228	SUDIP DAS	Sudip Das	Sudip Das	Sudip Das	Sudip Das	Sudip Das	Sudip Das
9	1901219229	SURAJ MANDAL	Sudip Das	Sudip Das	Sudip Das	Sudip Das	Sudip Das	Sudip Das
10	1901219230	TAPAN KUMAR SAHOO	Tapan Kumar Sahoo	Tapan Kumar Sahoo	Tapan Kumar Sahoo	Tapan Kumar Sahoo	Tapan Kumar Sahoo	Tapan Kumar Sahoo
Signature of the Course Coordinator			<i>Sudip Das</i>	<i>Sudip Das</i>	<i>Sudip Das</i>	<i>Sudip Das</i>	<i>Sudip Das</i>	<i>Sudip Das</i>

Sudip Das
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**COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE

Sheet No. 02

Programme: **B.Tech in Electrical and Electronics Engineering**

Semester: **5th**

Academic Year: **2021-22**

Name of the Course: **Fault Analysis of Electrical Transmission System**

Course Code (if any):

Duration : (5-30-730) Pm

Date & Signature of the Student

Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Date:	Date:	Date:
1	1901219113	ABHISEK SAMAL	10/12/21	13/12/21	14/12/21	15/12/21
2	1901219114	SAHAJAMAL SK	Sahaajamal SK	Sahaajamal SK	Sahaajamal SK	Sahaajamal SK
3	1901219115	SAMIR DEBATA	Samir Debata	Samir Debata	Ab	Ab
4	1901219223	AMARNATH SHARMA	Amarnath Sharma	Amarnath Sharma	Amarnath Sharma	Amarnath Sharma
5	1901219224	BIKASH PRADHAN	Bikash Pradhan	Bikash Pradhan	Bikash Pradhan	Bikash Pradhan
6	1901219225	BISWOMBAR MALIK	Biswombar Malik	Biswombar Malik	Biswombar Malik	Biswombar Malik
7	1901219226	KAILASH PATI SWAIN	Kailash Pati Swain	Kailash Pati Swain	Kailash Pati Swain	Kailash Pati Swain
8	1901219228	SUDIP DAS	Sudip Das	Sudip Das	Sudip Das	Sudip Das
9	1901219229	SURAJ MANDAL	Suraj Mandal	Ab	Suraj Mandal	Suraj Mandal
10	1901219230	TAPAN KUMAR SAHOO	Tapan Kumar Sahoo	Tapan Kumar Sahoo	Tapan Kumar Sahoo	Tapan Kumar Sahoo
Signature of the Course Coordinator			<i>Preul</i>	<i>Preul</i>	<i>Preul</i>	<i>Preul</i>

K. B. Singh
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COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ADD ON/CERTIFICATE COURSE

STUDENT ATTENDANCE

Sheet No. 03

Programme: **B.Tech in Electrical and Electronics Engineering**

Semester: **5th**

Academic Year: **2021-22**

Name of the Course: **Fault Analysis of Electrical Transmission System**

Course Code (if any):

Duration : **(30 - 730) P_n**

Date & Signature of the Student

Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Date:	Date:	Date:
1	1901219113	ABHISEK SAMAL	Abhisek Samal	Abhisek Samal	Abhisek Samal	Abhisek Samal
2	1901219114	SAHAJANMAL SK	SahaJanmal SK	SahaJanmal SK	SahaJanmal SK	SahaJanmal SK
3	1901219115	SAMIR DEBATA	Samir Debata	Samir Debata	Samir Debata	Samir Debata
4	1901219223	AMARNATH SHARMA	Amarnath Sharma	Amarnath Sharma	Amarnath Sharma	Amarnath Sharma
5	1901219224	BIKASH PRADHAN	Bikash Pradhan	Bikash Pradhan	Bikash Pradhan	Bikash Pradhan
6	1901219225	BISWOMBAR MALIK	Biswombar Malik	Biswombar Malik	Biswombar Malik	Biswombar Malik
7	1901219226	KAILASH PATI SWAIN	Kailash Pati Swain	Kailash Pati Swain	Kailash Pati Swain	Kailash Pati Swain
8	1901219228	SUDIP DAS	Sudip Das	Sudip Das	Sudip Das	Sudip Das
9	1901219229	SURAJ MANDAL	Surai Mandal	Surai Mandal	Surai Mandal	Surai Mandal
10	1901219230	TAPAN KUMAR SAHOO	Tapan Kumar Sahoo	Tapan Kumar Sahoo	Tapan Kumar Sahoo	Tapan Kumar Sahoo
Signature of the Course Coordinator			Sudip Das	Sudip Das	Sudip Das	Sudip Das

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



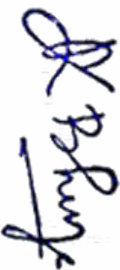
Certificate of Completion

This is to certify that Mr./Ms. BIKASH PRADHAN, student of the Department

of Electrical & Electronics Engg. semester Fifth bearing registration number 1901219224

has successfully completed the ADD-ON Course titled Fault Analysis of Electrical Transmission System

conducted at College of Engineering Bhubaneswar in the academic year 2021-22



PRINCIPAL
College of Engineering Bhubaneswar

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Course-Coordinator



Principal



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



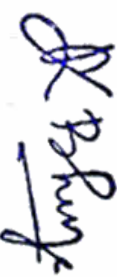
Certificate of Completion

This is to certify that Mr./Ms. BISWOMBAR MALIK, student of the Department

of Electrical & Electronics Engg. semester Fifth bearing registration number 1901219225

has successfully completed the ADD-ON Course titled Fault Analysis of Electrical Transmission System

conducted at College of Engineering Bhubaneswar in the academic year 2021-22.



PRINCIPAL
College of Engineering Bhubaneswar

TRUE COPY



Course-Coordinator



Principal

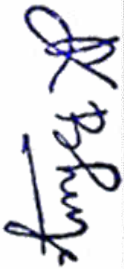


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PLOT NO-1(A), CNI COMPLEX, PATIA, BHUBANESWAR, KHORDHA, ODISHA-751024



Certificate of Completion

This is to certify that Mr./Ms. KAILASH PATI SWAIN, student of the Department
of Electrical & Electronics Engg. semester Fifth bearing registration number 1901219226
has successfully completed the ADD-ON Course titled Fault Analysis of Electrical Transmission System
conducted at College of Engineering Bhubaneswar in the academic year 2021-22.


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Course-Coordinator



Principal



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Certificate of Completion

This is to certify that Mr./Ms. SUDIP DAS, student of the Department

of Electrical & Electronics Engg. semester Fifth bearing registration number 1901219228

has successfully completed the ADD-ON Course titled Fault Analysis of Electrical Transmission System

conducted at College of Engineering Bhubaneswar in the academic year 2021-22.

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Course-Coordinator

Principal



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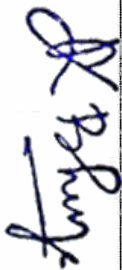
Certificate of Completion

This is to certify that Mr./Ms. SURAJ MANDAL, student of the Department

of Electrical & Electronics Engg. semester Fifth bearing registration number 1901219229

has successfully completed the ADD-ON Course titled Fault Analysis of Electrical Transmission System

conducted at College of Engineering Bhubaneswar in the academic year 2021-22


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Course-Coordinator



Principal