



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 : Fundamentals of Domestic Appliances

[Programme: B.Tech, EEE/EE]

Course Objectives:

This course offers an introduction to the operation, maintenance, and safety considerations of common domestic appliances found in households. Students will gain an understanding of how these appliances work and how to troubleshoot basic issues.

SYLLABUS

Total Lecture Hours : 38

MODULE-I Introduction to Domestic & kitchen Appliances [10 Hours]

Definition and types of domestic appliances, Historical perspective and evolution, Importance of energy efficiency and safety, Refrigerators and freezers, Ovens and ranges, Microwaves and toasters, Dishwashers and garbage disposals

MODULE-II Laundry Appliances & Home Comfort Appliances [09 Hours]

Washing machines and dryers, Basic laundry care and maintenance, Energy-efficient laundry practices, Air conditioners and heaters, Humidifiers and dehumidifiers, Fans and space heaters, Thermostats and smart home technology

MODULE-III Cleaning & Personal Care Appliances [09 Hours]

Vacuum cleaners and carpet cleaners, Maintenance and filter replacement, Robot vacuum cleaners and smart cleaning devices, Hair dryers and curling irons, Electric toothbrushes and shavers, Safety considerations for personal care appliances

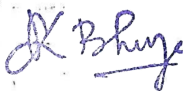
MODULE-IV Entertainment and Electronics Appliance Safety and Maintenance [10 Hours]

Televisions and audio systems, Gaming consoles and streaming devices, Energy-efficient usage and troubleshooting, Safety guidelines for using domestic appliances, Preventative maintenance tips, Troubleshooting common issues, Repair vs. replacement considerations

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

CO1: Identify and understand the principles of operation for various domestic appliances.

CO2: Perform basic maintenance and troubleshooting tasks for common household appliances.


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- CO3: Evaluate the energy efficiency and safety features of appliances.
CO4: Make informed decisions regarding appliance purchases and usage.

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. "Home Appliance Maintenance and Repair" by Brian P. Wood
2. "Handbook Of Repair And Maintenance Of Domestic Electronics Appliances" by Shashi Bhushan Sinha


Other Sources:


e-Learning Resources:

<https://home.howstuffworks.com/how-to-repair-small-appliances.htm>

Design and Developed by: Dr. N.Veda Kumar & Prof. Debarpita Roul


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

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NOTICE

Department of Electrical Engineering

Add On Course 2019-2020

Ref No: COEB/EE/2019/07

Date: 02.08.2019

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 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**, 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	Fundamentals of Domestic Appliances	3 rd	38	Dr. B Veera Murthy Pandian, Assistant Professor
2	Applied System Theory	5 th	40	Jagat Jyoti Ranjan Das, Assistant Professor.
3	Mastering MATLAB through guided problem solving	7 th	40	Dr. T C Manjunath, Assistant Professor


HOD

Electrical Engineering Department

HOD

Electrical Engineering
College of Engineering Bhubaneswar

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Hostel, Security



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COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
ADD-ON COURSE

STUDENT ENROLLMENT SHEET

Name of the Department: ELECTRICAL ENGINEERING

Course Title: Fundamentals of Domestic Appliances

Semester : 3rd

Academic Year: 2019-20

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	1801219004	ALOK BEHERA	Alok Behera
2	1801219016	ASHIS ASUTOSH PRADHAN	Ashis Asutosh Pradhan
3	1801219038	CHANDAN MALIK	Chandan Malik
4	1801219075	MANAS PURTTY	Manas PurTTY
5	1801219076	MANAS RANJAN DALAI	Manas Ranjan Dalai
6	1801219085	NALIN SURIN	Nalin Surin
7	1801219098	PRAKASH RANA	Prakash Rana
8	1801219100	PRASANTA PATRA	Prasanta Patra
9	1801219104	PREMJYOTI SURYAKANTA OJHA	Premjyoti Suryakanta Ojha
10	1801219118	RAKESH PRADHAN	Rakesh Pradhan
11	1801219127	SANGRAM TARAI	Sangram Tarai
12	1801219153	SOUMYA RANJAN SAHOO	Soumya Ranjan Sahoo
13	1801219164	SUVENDU SOURAV PRADHAN	Suvendu Sourav Pradhan
14	1801219173	VIKASH KUMAR	Vikash Kumar



K. Bhuje

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

STUDENT ATTENDANCE

Sheet No. 03

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

Semester: **3rd**

Academic Year: **2019-20**

Name of the Course: **Fundamentals of Domestic Appliances**

Course Code (if any):

Duration: **(5:30 to 7:30) pm**

Date & Signature of the Student

Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Date:	Date:	Date:
1	1801219004	ALOK BEHERA	Alok Behera	Alok Behera	Alok Behera	Alok Behera
2	1801219016	ASHIS ASUTOSH PRADHAN	Ashis Asutosh Pradhan	Ashis Asutosh Pradhan	Ashis Asutosh Pradhan	Ashis Asutosh Pradhan
3	1801219038	CHANDAN MALIK	Chandan Malik	Chandan Malik	Chandan Malik	Chandan Malik
4	1801219075	MANAS PURTTY	Manas PurTTY	Manas PurTTY	Manas PurTTY	Manas PurTTY
5	1801219076	MANAS RANJAN DALAI	Manas Ranjan Dalai	Manas Ranjan Dalai	Manas Ranjan Dalai	Manas Ranjan Dalai
6	1801219085	NALIN SURIN	Nalin Surin	Nalin Surin	Nalin Surin	Nalin Surin
7	1801219098	PRAKASH RANA	Prakash Rana	Prakash Rana	Prakash Rana	Prakash Rana
8	1801219100	PRASANTA PATRA	Prasanta Patra	Prasanta Patra	Prasanta Patra	Prasanta Patra
9	1801219104	PREMIYOTI SURYAKANTA OJHA	Premiyoti Suryakanta Ojha	Premiyoti Suryakanta Ojha	Premiyoti Suryakanta Ojha	Premiyoti Suryakanta Ojha
10	1801219118	RAKESH PRADHAN	Rakesh Pradhan	Rakesh Pradhan	Rakesh Pradhan	Rakesh Pradhan
11	1801219127	SANGRAM TARAI	Sangram Tarai	Sangram Tarai	Sangram Tarai	Sangram Tarai
12	1801219153	SOUNMYA RANJAN SAHOO	Sounmya Ranjan Sahoo	Sounmya Ranjan Sahoo	Sounmya Ranjan Sahoo	Sounmya Ranjan Sahoo
13	1801219164	SUVENDU SOURAV PRADHAN	Suvendu Sourav Pradhan	Suvendu Sourav Pradhan	Suvendu Sourav Pradhan	Suvendu Sourav Pradhan
14	1801219173	VIKASH KUMAR	Vikash Kumar	Vikash Kumar	Abs	Vikash Kumar
Signature of the Course Coordinator			Veerayamundran	Veerayamundran	Veerayamundran	Veerayamundran



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

STUDENT ATTENDANCE

Sheet No. 04

Programme: B.Tech in Electrical Engineering

Semester: 3rd

Academic Year: 2019-20

Name of the Course: Fundamentals of Domestic Appliances

Course Code (if any):

Duration : 8:30 to 11:30 pm

Date & Signature of the Student

Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date:	Date:	Date:	Date:
1	1801219004	ALOK BEHERA	06/09/19	10/09/19	11/09/19	12/09/19
2	1801219016	ASHIS ASUTOSH PRADHAN	Alok Behera	Alok Behera	Alok Behera	Alok Behera
3	1801219038	CHANDAN MAUK	Chandan Malik	Chandan Malik	Chandan Malik	Chandan Malik
4	1801219075	MANAS PURTTY	Manas Purthy	Manas Purthy	Manas Purthy	Manas Purthy
5	1801219076	MANAS RANJAN DALAI	Manas Ranjan Dalai	Manas Ranjan Dalai	Manas Ranjan Dalai	Manas Ranjan Dalai
6	1801219085	NALIN SURIN	Nalin Surin	Nalin Surin	Nalin Surin	Nalin Surin
7	1801219098	PRAKASH RANA	Prakash Rana	Prakash Rana	Prakash Rana	Prakash Rana
8	1801219100	PRASANTA PATRA	Prasanta Patra	Prasanta Patra	Prasanta Patra	Prasanta Patra
9	1801219104	PREMIYOTI SURYAKANTA OJHA	Pramiyoiti Suryakanta Ojha	Pramiyoiti Suryakanta Ojha	Pramiyoiti Suryakanta Ojha	Pramiyoiti Suryakanta Ojha
10	1801219118	RAKESH PRADHAN	Rabehyprmedhian	Rabehyprmedhian	Rabehyprmedhian	Rabehyprmedhian
11	1801219127	SANGRAM TARAI	Sangram Trazi	Sangram Trazi	Abs	Sangram Trazi
12	1801219153	SOUNMYA RANJAN SAHOO	Soumya Ranjan Sahoo	Soumya Ranjan Sahoo	Soumya Ranjan Sahoo	Soumya Ranjan Sahoo
13	1801219164	SUVENDU SOURAV PRADHAN	Suvendu Sourav Pradhan	Suvendu Sourav Pradhan	Suvendu Sourav Pradhan	Suvendu Sourav Pradhan
14	1801219173	VIKASH KUMAR	Vikash Kumar	Vikash Kumar	Vikash Kumar	Vikash Kumar
Signature of the Course Coordinator			Veeerapandian	Veeerapandian	Veeerapandian	Veeerapandian

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COLLEGE OF ENGINEERING BHUBANESWAR (COE B)
DEPARTMENT OF ELECTRICAL ENGINEERING
 ADD ON/CERTIFICATE COURSE
STUDENT ATTENDANCE

Sheet No. 05

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

Semester: **3rd**

Academic Year: **2019-20**

Name of the Course: **Fundamentals of Domestic Appliances**

Course Code (if any):

Sl. No.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date & Signature of the Student			
			Date:	Signature	Date:	Signature
1	1801219004	ALOK BEHERA	Date: 13/09/19 Alok Behera	Alok Behera	Date: 17/09/19 Alok Behera	
2	1801219016	ASHIS ASUTOSH PRADHAN	Date: 13/09/19 Ashis Asutosh Pradhan	Ashis Asutosh Pradhan	Ashis Asutosh Pradhan	
3	1801219038	CHANDAN MALIK	Date: 13/09/19 Chandan Malik	Chandan Malik	Chandan Malik	
4	1801219075	MANAS PURTTY	Date: 13/09/19 Manas PurTTY	Manas PurTTY	Manas PurTTY	
5	1801219076	MANAS RANJAN DALAI	Date: 13/09/19 Manas Ranjan Dalai	Manas Ranjan Dalai	Manas Ranjan Dalai	
6	1801219085	NALIN SURIN	Date: 13/09/19 Nalin Surin	Nalin Surin	Nalin Surin	
7	1801219098	PRAKASH RANA	Date: 13/09/19 Prakash Rana	Prakash Rana	Prakash Rana	
8	1801219100	PRASANTA PATRA	Date: 13/09/19 Prasanta Patra	Prasanta Patra	Prasanta Patra	
9	1801219104	PREMIYOTI SURYAKANTA OJHA	Date: 13/09/19 Premiyoti Suryakanta Ojha	Premiyoti Suryakanta Ojha	Premiyoti Suryakanta Ojha	
10	1801219118	RAKESH PRADHAN	Date: 13/09/19 Rakesh Pradhan	Rakesh Pradhan	Rakesh Pradhan	
11	1801219127	SANGRAM TARAI	Date: 13/09/19 Sangram Tarai	Sangram Tarai	Sangram Tarai	
12	1801219153	SOUMYA RANJAN SAHOO	Date: 13/09/19 Soumya Ranjan Sahoo	Soumya Ranjan Sahoo	Soumya Ranjan Sahoo	
13	1801219164	SUVENDU SOURAV PRADHAN	Date: 13/09/19 Suvendu Sourav Pradhan	Suvendu Sourav Pradhan	Suvendu Sourav Pradhan	
14	1801219173	VIKASH KUMAR	Date: 13/09/19 Vikash Kumar	Vikash Kumar	Vikash Kumar	
Signature of the Course Coordinator			Veerajyandhan	Veerajyandhan	Veerajyandhan	

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

STUDENT ATTENDANCE

Sheet No. 01

Programme: **B.Tech in Electrical Engineering**
 Name of the Course: **Fundamentals of Domestic Appliances**
 Semester: **3rd**
 Academic Year: **2019-20**
 Course Code (if any):

Duration : **(5:30 to 7:30) pm**

SL. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date & Signature of the Student							
			Date:	Signature	Date:	Signature				
1	1801219004	ALOK BEHERA	16/08/19	Alok Behera	19/08/19	Alok Behera	20/08/19	Alok Behera	21/08/19	Alok Behera
2	1801219016	ASHIS ASUTOSH PRADHAN	16/08/19	Ashish Asutosh Pradhan	19/08/19	Ashish Asutosh Pradhan	20/08/19	Ashish Asutosh Pradhan	21/08/19	Ashish Asutosh Pradhan
3	1801219038	CHANDAN MALIK	16/08/19	Chandan Malik	19/08/19	Chandan Malik	20/08/19	Chandan Malik	21/08/19	Chandan Malik
4	1801219075	MANAS PURTTY	16/08/19	Manas Purddy	19/08/19	Manas Purddy	20/08/19	Manas Purddy	21/08/19	Manas Purddy
5	1801219076	MANAS RANJAN DALAI	16/08/19	Manas Ranjan Dalai	19/08/19	Manas Ranjan Dalai	20/08/19	Manas Ranjan Dalai	21/08/19	Manas Ranjan Dalai
6	1801219085	NALIN SURIN	16/08/19	Nalin Surin	19/08/19	Nalin Surin	20/08/19	Nalin Surin	21/08/19	Nalin Surin
7	1801219098	PRAKASH RANA	16/08/19	Prakash Rana	19/08/19	Prakash Rana	20/08/19	Prakash Rana	21/08/19	Prakash Rana
8	1801219100	PRASANTA PATRA	16/08/19	Prasanta Patra	19/08/19	Prasanta Patra	20/08/19	Prasanta Patra	21/08/19	Prasanta Patra
9	1801219104	PREMIYOTI SURYAKANTA OJHA	16/08/19	Premiyoti Suryakanta Ojha	19/08/19	Premiyoti Suryakanta Ojha	20/08/19	Premiyoti Suryakanta Ojha	21/08/19	Premiyoti Suryakanta Ojha
10	1801219118	RAKESH PRADHAN	16/08/19	Rakesh Pradhan	19/08/19	Rakesh Pradhan	20/08/19	Rakesh Pradhan	21/08/19	Rakesh Pradhan
11	1801219127	SANGRAM TARAI	16/08/19	Sangram Tarai	19/08/19	Sangram Tarai	20/08/19	Sangram Tarai	21/08/19	Sangram Tarai
12	1801219153	SOUNMYA RANJAN SAHOO	16/08/19	Soumya Ranjan Sahoo	19/08/19	Soumya Ranjan Sahoo	20/08/19	Soumya Ranjan Sahoo	21/08/19	Soumya Ranjan Sahoo
13	1801219164	SUVENDU SOURAV PRADHAN	16/08/19	Suwendu Sourav Pradhan	19/08/19	Suwendu Sourav Pradhan	20/08/19	Suwendu Sourav Pradhan	21/08/19	Suwendu Sourav Pradhan
14	1801219173	VIKASH KUMAR	16/08/19	Vikash Kumar	19/08/19	Vikash Kumar	20/08/19	Vikash Kumar	21/08/19	Vikash Kumar
Signature of the Course Coordinator			Veerayandhan	Veerayandhan	Veerayandhan	Veerayandhan	Veerayandhan	Veerayandhan	Veerayandhan	Veerayandhan

K. B. Singh
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COLLEGE OF ENGINEERING BHUBANESWAR (COEB)
DEPARTMENT OF ELECTRICAL ENGINEERING
 ADD ON / CERTIFICATE COURSE

STUDENT ATTENDANCE

Sheet No. 02

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

Semester: **3rd**

Academic Year: **2019-20**


Name of the Course: **Fundamentals of Domestic Appliances**

Course Code (if any):

Duration : (5:30 to 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
1	1801219004	ALOK BEHERA	22/08/19	Alok Behera	26/08/19	Alok Behera	27/08/19	Alok Behera	28/08/19	Alok Behera
2	1801219016	ASHIS ASUTOSH PRADHAN	22/08/19	Ashish Asutosh Pradhan	26/08/19	Ashish Asutosh Pradhan	27/08/19	Ashish Asutosh Pradhan	28/08/19	Ashish Asutosh Pradhan
3	1801219038	CHANDAN MALIK	22/08/19	Chandan Malik	26/08/19	Chandan Malik	27/08/19	Chandan Malik	28/08/19	Chandan Malik
4	1801219075	MANAS PURTTY	22/08/19	Manas Purthy	26/08/19	Manas Purthy	27/08/19	Manas Purthy	28/08/19	Manas Purthy
5	1801219076	MANAS RANJAN DALAI	22/08/19	Manas Ranjan Dalai	26/08/19	Manas Ranjan Dalai	27/08/19	Manas Ranjan Dalai	28/08/19	Manas Ranjan Dalai
6	1801219085	NAJIN SURIN	22/08/19	Najin Surin	26/08/19	Najin Surin	27/08/19	Najin Surin	28/08/19	Najin Surin
7	1801219098	PRAKASH RANA	22/08/19	Prakash Rana	26/08/19	Prakash Rana	27/08/19	Prakash Rana	28/08/19	Prakash Rana
8	1801219100	PRASANTA PATRA	22/08/19	Prasanta Patra	26/08/19	Prasanta Patra	27/08/19	Prasanta Patra	28/08/19	Prasanta Patra
9	1801219104	PREMIYOTI SURYAKANTA OJHA	22/08/19	Premiyoti Suryakanta Ojha	26/08/19	Premiyoti Suryakanta Ojha	27/08/19	Premiyoti Suryakanta Ojha	28/08/19	Premiyoti Suryakanta Ojha
10	1801219118	RAKESH PRADHAN	22/08/19	Rakesh Pradhan	26/08/19	Rakesh Pradhan	27/08/19	Rakesh Pradhan	28/08/19	Rakesh Pradhan
11	1801219127	SANGRAM TARAI	22/08/19	Sangram Tarai	26/08/19	Sangram Tarai	27/08/19	Sangram Tarai	28/08/19	Sangram Tarai
12	1801219153	SOUMYA RANJAN SAHOO	22/08/19	Soumya Ranjan Sahoo	26/08/19	Soumya Ranjan Sahoo	27/08/19	Soumya Ranjan Sahoo	28/08/19	Soumya Ranjan Sahoo
13	1801219164	SUVENDU SOURAV PRADHAN	22/08/19	Suwendu Sourav Pradhan	26/08/19	Suwendu Sourav Pradhan	27/08/19	Suwendu Sourav Pradhan	28/08/19	Suwendu Sourav Pradhan
14	1801219173	VIKASH KUMAR	22/08/19	Vikash Kumar	26/08/19	Vikash Kumar	27/08/19	Vikash Kumar	28/08/19	Vikash Kumar
Signature of the Course Coordinator				Veerayandran		Veerayandran		Veerayandran		Veerayandran


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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. ALOK BEHERA , student of the Department
of Electrical Engg. semester Third bearing registration number 1801219004
has successfully completed the ADD-ON Course titled Fundamentals of Domestic Appliances
conducted at College of Engineering Bhubaneswar in the academic year 2019-20 .

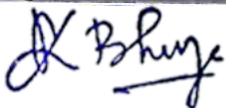
TRUE COPY.



Course-Coordinator



Principal



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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. ASHIS ASUTOSH PRADHAN student of the D nt
of Electrical Engg. semester Third bearing registration number 1801219016
has successfully completed the ADD-ON Course titled Fundamentals of Domestic Appliances
conducted at College of Engineering Bhubaneswar in the academic year 2019-20.

TRUE COPY

Vasishth Pradhan

Course-Coordinator

[Signature]

Principal

[Signature]

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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. CHANDAN MALIK, student of the Department
of Electrical Engg. semester Third bearing registration number 1801219038
has successfully completed the ADD-ON Course titled Fundamentals of Domestic Appliances
conducted at College of Engineering Bhubaneswar in the academic year 2019-20.

TRUE COPY

Vasupandian

Course-Coordinator

[Signature]

Principal

[Signature]

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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. MANAS RANJAN DALAI, student of the Department

of Electrical Engg. semester Third bearing registration number 1801219076

has successfully completed the ADD-ON Course titled Fundamentals of Domestic Appliances

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

TRUE COPY

Veeraprasanna

Course-Coordinator

[Signature]

Principal

[Signature]

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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. NALIN SURIN, student of the Department
of Electrical Engg. semester Third bearing registration number 1801219085
has successfully completed the ADD-ON Course titled Fundamentals of Domestic Appliances
conducted at College of Engineering Bhubaneswar in the academic year 2019-20.

TRUE COPY

Veerayamdhani

Course-Coordinator

[Signature]

Principal



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

STUDENT ENROLLMENT SHEET


Name of the Department: ELECTRICAL AND ELECTRONICS ENGINEERING	
Course Title: Fundamentals of Domestic Appliances	
Semester : 3rd	Academic Year: 2019-20

Student's Declaration/Undertaking

- I do hereby undertake to participate in the above mentioned add on course.
- 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	1801219001	ABHISHEK	Abhishek
2	1801219025	BHABANI SHANKAR MINZ	Bhabani Shankar Minz
3	1801219028	BIBEKANANDA MOHARANA	Bibeknanda Moharana
4	1801219040	CHANDRACHUDA MAJHI	Chandrachudamajhi
5	1801219073	MAHIMA DANDASENA	Mahima Dandaseena
6	1801219093	OMKARNATH KHILAR	Omkarnath Khilar
7	1801219146	SK SAMIULLAH KABIR	Sk Samiullah Kabir
8	1801219217	BISWANATH PRATAP JENA	Biswanath Pratap Jena
9	1801219218	MANTU NAYAK	Mantu Nayak
10	1801219219	NILESH CHAUDHARY	Nilesh Chaudhary
11	1801219220	PRAVATI NAYAK	Pravati Nayak
12	1801219221	SANDEEP BARLA	Sandeep Barla
13	1801219222	SATYABRATA PRADHAN	Satyabrata Pradhan
14	1801219223	SITAKANTA SAHOO	Sitakanta Sahoo
15	1801219224	SMRUTI RANJAN BISWAL	Smruti Ranjan Biswal
16	1801219225	SUSHMITA DALAI	Sushmita Dalai




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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: **3rd** Academic Year: **2019-20**


Name of the Course: **Fundamentals of Domestic Appliances** Course Code (if any):

Duration : (5.30 - 7.30) Pm

SL NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date & Signature of the Student							
			Date:	Signature	Date:	Signature	Date:	Signature		
1	1801219001	ABHISHEK	22/08/19	Abhishek	26/08/19	Abhishek	27/08/19	Abhishek	28/08/19	Abhishek
2	1801219025	BHABANI SHANKAR MINZ	22/08/19	Abhishek	26/08/19	Abhishek	27/08/19	Abhishek	28/08/19	Abhishek
3	1801219028	BIBEKANANDA MOHARANA	22/08/19	Abhishek	26/08/19	Abhishek	27/08/19	Abhishek	28/08/19	Abhishek
4	1801219040	CHANDRACHUDA MAJHI	22/08/19	Abhishek	26/08/19	Abhishek	27/08/19	Abhishek	28/08/19	Abhishek
5	1801219073	MAHIMA DANDASENA	22/08/19	Abhishek	26/08/19	Abhishek	27/08/19	Abhishek	28/08/19	Abhishek
6	1801219093	OMKARNATH KHILAR	22/08/19	Abhishek	26/08/19	Abhishek	27/08/19	Abhishek	28/08/19	Abhishek
7	1801219146	SK SAMULLAH KABIR	22/08/19	Abhishek	26/08/19	Abhishek	27/08/19	Abhishek	28/08/19	Abhishek
8	1801219217	BISWANATH PRATAP JENA	22/08/19	Abhishek	26/08/19	Abhishek	27/08/19	Abhishek	28/08/19	Abhishek
9	1801219218	MANTU NAVAK	22/08/19	Abhishek	26/08/19	Abhishek	27/08/19	Abhishek	28/08/19	Abhishek
10	1801219219	NILESH CHAUDHARY	22/08/19	Abhishek	26/08/19	Abhishek	27/08/19	Abhishek	28/08/19	Abhishek
11	1801219220	PRAVATI NAVAK	22/08/19	Abhishek	26/08/19	Abhishek	27/08/19	Abhishek	28/08/19	Abhishek
12	1801219221	SANDEEP BARLA	22/08/19	Abhishek	26/08/19	Abhishek	27/08/19	Abhishek	28/08/19	Abhishek
13	1801219222	SATYABRATA PRADHAN	22/08/19	Abhishek	26/08/19	Abhishek	27/08/19	Abhishek	28/08/19	Abhishek
14	1801219223	SITAKANTA SAHOO	22/08/19	Abhishek	26/08/19	Abhishek	27/08/19	Abhishek	28/08/19	Abhishek
15	1801219224	SMRUTI RANJAN BISWAL	22/08/19	Abhishek	26/08/19	Abhishek	27/08/19	Abhishek	28/08/19	Abhishek
16	1801219225	SUSHMITA DALAI	22/08/19	Abhishek	26/08/19	Abhishek	27/08/19	Abhishek	28/08/19	Abhishek

Signature of the Course Coordinator

Veerapandium Veerapandium Veerapandium Veerapandium Veerapandium


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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: **3rd**

Academic Year: **2019-20**

Name of the Course: **Fundamentals of Domestic Appliances**

Course Code (if any):

SL NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date & Signature of the Student			
			Date:	Signature	Date:	Signature
1	1801219001	ABHISHEK	Date: 29/08/19 Abhishek	Abhishek	Date: 04/09/19 Abhishek	Abhishek
2	1801219025	BHABANI SHANKAR MINZ	Date: 29/08/19 Bhabani S. minz	Bhabani S. minz	Date: 04/09/19 Bhabani S. minz	Bhabani S. minz
3	1801219028	BIBEKANANDA MOHARANA	Date: 29/08/19 Bibekaramanda Moharana	Bibekaramanda Moharana	Date: 04/09/19 Bibekaramanda Moharana	Bibekaramanda Moharana
4	1801219040	CHANDRACHUDA MAJHI	Date: 29/08/19 Chandrichudamajhi	Chandrichudamajhi	Date: 04/09/19 Chandrichudamajhi	Chandrichudamajhi
5	1801219073	MAHIMA DANDASENA	Date: 29/08/19 Mahima Dandaseena	Mahima Dandaseena	Date: 04/09/19 Mahima Dandaseena	Mahima Dandaseena
6	1801219093	OMKARNATH KHILLAR	Date: 29/08/19 Om Karnath Khillar	Om Karnath Khillar	Date: 04/09/19 Om Karnath Khillar	Om Karnath Khillar
7	1801219146	SK SAMULLAH KABIR	Date: 29/08/19 Sk Samullah Kabir	Sk Samullah Kabir	Date: 04/09/19 Sk Samullah Kabir	Sk Samullah Kabir
8	1801219217	BISWANATH PRATAP JENA	Date: 29/08/19 Biswanath Pratap Jena	Biswanath Pratap Jena	Date: 04/09/19 Biswanath Pratap Jena	Biswanath Pratap Jena
9	1801219218	MANTU NAVAK	Date: 29/08/19 Mantu Nayak	Mantu Nayak	Date: 04/09/19 Mantu Nayak	Mantu Nayak
10	1801219219	NILESH CHAUDHARY	Date: 29/08/19 Nilesh Chaudhary	Nilesh Chaudhary	Date: 04/09/19 Abs	Mantu Nayak
11	1801219220	PRAVATI NAYAK	Date: 29/08/19 Pravati Nayak	Pravati Nayak	Date: 04/09/19 Abs	Pravati Nayak
12	1801219221	SANDEEP BARLA	Date: 29/08/19 Sandeep Barla	Sandeep Barla	Date: 04/09/19 Abs	Sandeep Barla
13	1801219222	SATYABRATA PRADHAN	Date: 29/08/19 Satyabrata Pradhan	Satyabrata Pradhan	Date: 04/09/19 Abs	Satyabrata Pradhan
14	1801219223	SITAKANTA SAHOO	Date: 29/08/19 Sitakanta Sahoo	Sitakanta Sahoo	Date: 04/09/19 Abs	Sitakanta Sahoo
15	1801219224	SMRUTI RANJAN BISWAL	Date: 29/08/19 Smruti Ranjan Biswal	Smruti Ranjan Biswal	Date: 04/09/19 Smruti Ranjan Biswal	Smruti Ranjan Biswal
16	1801219225	SUSHMITA DALAI	Date: 29/08/19 Sushmita Dalai	Sushmita Dalai	Date: 04/09/19 Sushmita Dalai	Sushmita Dalai
Signature of the Course Coordinator			Veerapandian	Veerapandian	Veerapandian	Veerapandian


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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: **3rd**

Academic Year: **2019-20**

Name of the Course: **Fundamentals of Domestic Appliances**

Course Code (if any):

SL. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date & Signature of the Student			
			Date:	Signature	Date:	Signature
1	1801219001	ABHISHEK	06/09/19 Abhishek	10/09/19 Abhishek	11/09/19 Abhishek	12/09/19 Abhishek
2	1801219025	BHABANI SHANKAR MINZ	06/09/19 Bhabani S. Minz	10/09/19 Bhabani S. Minz	11/09/19 Bhabani S. Minz	12/09/19 Bhabani S. Minz
3	1801219028	BIBEKANANDA MOHARANA	06/09/19 Bibekarananda Moharana	10/09/19 Bibekarananda Moharana	11/09/19 Bibekarananda Moharana	12/09/19 Bibekarananda Moharana
4	1801219040	CHANDRACHUDA MAJHI	06/09/19 Chandrachudamajhi	10/09/19 Chandrachudamajhi	11/09/19 Chandrachudamajhi	12/09/19 Chandrachudamajhi
5	1801219073	MAHIMA DANDASENA	06/09/19 Mahima Dandase	10/09/19 Mahima Dandase	11/09/19 Mahima Dandase	12/09/19 Mahima Dandase
6	1801219093	OMKARNATH KHILAR	06/09/19 Om Karnath Khilar	10/09/19 Om Karnath Khilar	11/09/19 Om Karnath Khilar	12/09/19 Om Karnath Khilar
7	1801219146	SK SAMULLAH KABIR	06/09/19 SK Samullah Kabir	10/09/19 SK Samullah Kabir	11/09/19 SK Samullah Kabir	12/09/19 SK Samullah Kabir
8	1801219217	BISWANATH PRATAP JENA	06/09/19 Biswanath Pratap Jena	10/09/19 Biswanath Pratap Jena	11/09/19 Biswanath Pratap Jena	12/09/19 Biswanath Pratap Jena
9	1801219218	MANTU NAVAK	06/09/19 Mantu Nayak	10/09/19 Mantu Nayak	11/09/19 Mantu Nayak	12/09/19 Mantu Nayak
10	1801219219	NILESH CHAUDHARY	06/09/19 Nilesh Chaudhary	10/09/19 Nilesh Chaudhary	11/09/19 Nilesh Chaudhary	12/09/19 Nilesh Chaudhary
11	1801219220	PRAVATI NAVAK	06/09/19 Pravati Nayak	10/09/19 Pravati Nayak	11/09/19 Pravati Nayak	12/09/19 Pravati Nayak
12	1801219221	SANDEEP BARLA	06/09/19 Sandeep Barla	10/09/19 Sandeep Barla	11/09/19 Sandeep Barla	12/09/19 Sandeep Barla
13	1801219222	SATYABRATA PRADHAN	06/09/19 Satyabrata Pradhan	10/09/19 Satyabrata Pradhan	11/09/19 Abs	12/09/19 Satyabrata Pradhan
14	1801219223	SITAKANTA SAHOO	06/09/19 Sitakanta Saha	10/09/19 Sitakanta Saha	11/09/19 Sitakanta Saha	12/09/19 Sitakanta Saha
15	1801219224	SMRUTI RANJAN BISWAL	06/09/19 Smruti Ranjan Biswal	10/09/19 Smruti Ranjan Biswal	11/09/19 Smruti Ranjan Biswal	12/09/19 Smruti Ranjan Biswal
16	1801219225	SUSHMITA DALAI	06/09/19 Sushmita Dalai	10/09/19 Sushmita Dalai	11/09/19 Sushmita Dalai	12/09/19 Sushmita Dalai
Signature of the Course Coordinator			Veerayamdhin			


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COLLEGE OF ENGINEERING BHUBANESWAR (UOD)
DEPARTMENT OF ELECTRICAL AND ELECTRONICS I. ENGINEERING

ADD ON / CERTIFICATE COURSE

STUDENT ATTENDANCE

Sheet No. 05

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

Semester: **3rd**

Academic Year: **2019-20**

Name of the Course: **Fundamentals of Domestic Appliances**

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	1801219001	ABHISHEK	13/09/19	Abhishek	16/09/19	Abhishek	17/09/19	Abhishek
2	1801219025	BHABANI SHANKAR MINZ	Bhabani S. minz	Abhishek	Bhabani S. minz	Abhishek	Bhabani S. minz	
3	1801219028	BIBEKANANDA MOHARANA	Bibhokananda Mohara	Abhishek	Abhis	Abhis	Abhis	
4	1801219040	CHANDRACHUDA MAJHI	Chandrachudamajhi	Chandrachudamajhi	Chandrachudamajhi	Chandrachudamajhi	Chandrachudamajhi	
5	1801219073	MAHIMA DANDASENA	Mahima Dandase	Mahima Dandase	Mahima Dandase	Mahima Dandase	Mahima Dandase	
6	1801219093	OMKARNATH KHILAR	Omkarnath Khil	Omkarnath Khil	Omkarnath Khil	Omkarnath Khil	Omkarnath Khil	
7	1801219146	SK SAMULLAH KABIR	SK Samullah Kabir	SK Samullah Kabir	SK Samullah Kabir	SK Samullah Kabir	SK Samullah Kabir	
8	1801219217	BISWANATH PRATAP JENA	Biswanath Pratap J	Abhis	Abhis	Abhis	Abhis	
9	1801219218	MANTU NAVAK	Mantu Navak	Mantu Navak	Mantu Navak	Mantu Navak	Mantu Navak	
10	1801219219	NILESH CHAUDHARY	Nilesh Chaudhary	Nilesh Chaudhary	Nilesh Chaudhary	Nilesh Chaudhary	Nilesh Chaudhary	
11	1801219220	PRAVATI NAVAK	Pravati Navak	Pravati Navak	Pravati Navak	Pravati Navak	Pravati Navak	
12	1801219221	SANDEEP BARLA	Sandeep Barla	Sandeep Barla	Sandeep Barla	Sandeep Barla	Sandeep Barla	
13	1801219222	SATYABRATA PRADHAN	Satyabrata Pradhan	Satyabrata Pradhan	Satyabrata Pradhan	Satyabrata Pradhan	Satyabrata Pradhan	
14	1801219223	SITAKANTA SAHOO	Sitakanta Sahoo	Sitakanta Sahoo	Sitakanta Sahoo	Sitakanta Sahoo	Sitakanta Sahoo	
15	1801219224	SMRUTI RANJAN BISWAL	Smruti Ranjan Bisw	Smruti Ranjan Bisw	Smruti Ranjan Bisw	Smruti Ranjan Bisw	Smruti Ranjan Bisw	
16	1801219225	SUSHMITA DALAI	Sushmita Dalai	Sushmita Dalai	Sushmita Dalai	Sushmita Dalai	Sushmita Dalai	

Signature of the Course Coordinator

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A. Bhuje
 PRINCIPAL
 College of Engineering Bhubaneswar



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: **3rd** Academic Year: **2019-20**

Name of the Course: **Fundamentals of Domestic Appliances** Course Code (if any):

Duration : (5.30-7.30 Pm)

Sl. NO.	Reg. No./ Enrollment No.	NAME OF THE STUDENT	Date & Signature of the Student							
			Date:	Signature:	Date:	Signature:				
1	1801219001	ABHISHEK	16/08/19	Abhishek	19/08/19	Abhishek	20/08/19	Abhishek	21/08/19	Abhishek
2	1801219025	BHABANI SHANKAR MINZ	16/08/19	Bhabani s. minz	19/08/19	Bhabani s. minz	20/08/19	Bhabani s. minz	21/08/19	Bhabani s. minz
3	1801219028	BIBEKANANDA MOHARANA	16/08/19	Bibekamanda Mohana	19/08/19	Bibekamanda Mohana	20/08/19	Bibekamanda Mohana	21/08/19	Bibekamanda Mohana
4	1801219040	CHANDRACHUDA MAJHI	16/08/19	Chandrachudamajhi	19/08/19	Chandrachudamajhi	20/08/19	Chandrachudamajhi	21/08/19	Chandrachudamajhi
5	1801219073	MAHIMA DANDASENA	16/08/19	Mahima Dandase	19/08/19	Mahima Dandase	20/08/19	Mahima Dandase	21/08/19	Mahima Dandase
6	1801219093	OMKARNATH KHILAR	16/08/19	Omkarnath khilar	19/08/19	Omkarnath khilar	20/08/19	Omkarnath khilar	21/08/19	Omkarnath khilar
7	1801219146	SK SAMULLAH KABIR	16/08/19	Sk Samullah Kabir	19/08/19	Sk Samullah Kabir	20/08/19	Sk Samullah Kabir	21/08/19	Sk Samullah Kabir
8	1801219217	BISWANATH PRATAP JENA	16/08/19	Biswanath Pratap Jena	19/08/19	Biswanath Pratap Jena	20/08/19	Biswanath Pratap Jena	21/08/19	Biswanath Pratap Jena
9	1801219218	MANTU NAVAK	16/08/19	Mantu Navak	19/08/19	Mantu Navak	20/08/19	Mantu Navak	21/08/19	Mantu Navak
10	1801219219	NILESH CHAUDHARY	16/08/19	Nilesh Chaudhary	19/08/19	Nilesh Chaudhary	20/08/19	Nilesh Chaudhary	21/08/19	Nilesh Chaudhary
11	1801219220	PRAVATI NAYAK	16/08/19	Pravati Nayak	19/08/19	Pravati Nayak	20/08/19	Pravati Nayak	21/08/19	Pravati Nayak
12	1801219221	SANDEEP BARLA	16/08/19	Sandeep Barla	19/08/19	Sandeep Barla	20/08/19	Sandeep Barla	21/08/19	Sandeep Barla
13	1801219222	SATYABRATA PRADHAN	16/08/19	Satyabrata Pradhan	19/08/19	Satyabrata Pradhan	20/08/19	Satyabrata Pradhan	21/08/19	Satyabrata Pradhan
14	1801219223	STAKANTA SAHOO	16/08/19	Stakanta Sahoo	19/08/19	Stakanta Sahoo	20/08/19	Stakanta Sahoo	21/08/19	Stakanta Sahoo
15	1801219224	SMRUTI RANJAN BISWAL	16/08/19	Smruti Ranjan Biswal	19/08/19	Smruti Ranjan Biswal	20/08/19	Smruti Ranjan Biswal	21/08/19	Smruti Ranjan Biswal
16	1801219225	SUSHMITA DALAI	16/08/19	Sushmita Dalai	19/08/19	Sushmita Dalai	20/08/19	Sushmita Dalai	21/08/19	Sushmita Dalai
Signature of the Course Coordinator			Veerayamdhin							


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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. ABHISHEK, student of the Department

of Electrical & Electronics Engg. semester Third bearing registration number 1801219001


has successfully completed the ADD-ON Course titled Fundamentals of Domestic Appliances

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


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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. BHABANI SHANKAR MINZ, student of the Department

of Electrical & Electronics Engg. semester Third bearing registration number 1801219025

has successfully completed the ADD-ON Course titled Fundamentals of Domestic Appliances

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

TRUE COPY™

Vasirayandham

Course-Coordinator

[Signature]

Principal

[Signature]
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. BIBEKANANDA MOHARANA, student of the Department

of Electrical & Electronics Engg. semester Third bearing registration number 1801219028

has successfully completed the ADD-ON Course titled Fundamentals of Domestic Appliances

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


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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. MAHIMA DANDASENA, student of the Department
of Electrical & Electronics Engg. semester Third bearing registration number 1801219073
has successfully completed the ADD-ON Course titled Fundamentals of Domestic Appliances
conducted at College of Engineering Bhubaneswar in the academic year 2019-20.

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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. OMKARNATH KHILLAR, student of the Department

of Electrical & Electronics Engg. semester Third bearing registration number 1801219093

has successfully completed the ADD-ON Course titled Fundamentals of Domestic Appliances

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

A. B. Singh

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College of Engineering Bhubaneswar

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Vasudevaram

Course-Coordinator

(Signature)

Principal