



**COLLEGE OF ENGINEERING BHUBANESWAR (COEB)**

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

[AFFILIATED TO BPUT, ODISHA]

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

PRINCIPAL  
College of Engineering Bhubaneswar

**DEPARTMENT OF MECHANICAL ENGINEERING**

**ADD-ON COURSE : Advanced Welding Techniques**

[Programme: B.Tech, Mechanical Engg.]

Semester: 3<sup>rd</sup>

**Course Objectives:**

- ❖ To impart knowledge regarding various advanced welding practices in industries.
- ❖ To understand the various parameters and requirements for welding processes.
- ❖ To know the comparative merits and demerits of various welding processes.
- ❖ To understand the right kind of welding technique suitable for various joints.
- ❖ To learn about the joint designs adopted in different types of welding techniques.

**SYLLABUS**

**Total Lecture Hours: 40**

**MODULE 1:**

**(14 hours)**

Introduction to consolidation processes, Classification of welding processes, some common concerns, types of fusionwelds and types of joints, Design considerations, Heat effects, Weldability and join ability. Welding terms and definitions, welding positions, elements of and construction of welding symbols. Checks prior to weld joint preparation, joint preparation checks, preheating and inter-pass heating, post weld heating, heating processes, post heat treatments, insulation of heated joints.

**MODULE 2:**

**(14 hours)**

Solidification of weld metal: Principle of solidification of weld metal, modes of solidification, effect of welding parameters on weld structure, grain refinement principle of weld metal, method of weld metal refinement, inoculation, arc pulsation, external excitation.

Heat affected zone and weld metal: Transformations in HAZ of steel, factors affecting changes in microstructure and mechanical properties of HAZ, reactions in weld pool- gas metal reaction, slag metal reaction.

**MODULE 3:**

**(12 hours)**

Codes governing welding inspection: Structural welding code; ASME boiler and pressure vessel code, spot examination of welded joints, duties of the inspector, ASTM standards, API standards. Chemical, Metallurgical, and Mechanical testing of weldments: Comparison

of destructive and non-destructive tests, chemical tests, forms of corrosion, testing for corrosion resistance, metallographic tests.

**Text Book:**

1. Khanna O. P. – 'A Text Book on Welding Technology' – Dhanpat Rai and Sons, New Delhi – 2013
2. Parmar R. S. – 'Welding Process and Technology' – Khanna Publishers, Delhi – 1992
3. Dr. S.P. Tewari & S. A. Rizvi-Advanced welding Technology- S. K. Kataria, 4<sup>th</sup> Edition

**Reference Text Book:**

1. Welding technology, R. Bittle, TMH
2. American society for metals, metal hand book vol.6
3. Welding process technology-Houldcraft PT-cambridgeuniv.press


**Online resources:**

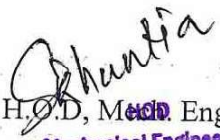
<https://archive.nptel.ac.in/courses/112/103/112103244/>

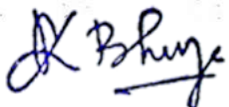
**Evaluation Criteria**

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

Designed & developed by: Dr. Subhakanta Nayak & Dr. N. H. S. Ray

  
Principal  
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College of Engineering Bhubaneswar

  
H.O.D, Mech. Engg.  
Mechanical Engineering  
College of Engineering Bhubaneswar

  
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# COLLEGE OF ENGINEERING BHUBANESWAR

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

## NOTICE

Department of Mechanical Engineering

Add On Course 2018-2019

Ref No: COEB/ME/2018/19

Date: 04.06.2018

It is hereby informed to all the students that the Department of Mechanical Engineering is going to start the following Add-on courses for Academic year 2018-2019. All the students are instructed to enroll their names for the following courses on or before **23.06.2018**. The classes will be commenced from **17.07.2018** with timing from 5.30pm to 7.30pm. You can contact the following course co-ordinators for enrolment and any queries.


Sl No.	Name of Add-on Course	Sem	Duration in hours	Name of the course co-ordinators
1	Advanced Welding Techniques	3 <sup>rd</sup>	40	Prof. Subhakanta Nayak
2	Smart Manufacturing for Industry 4.0	5 <sup>th</sup>	40	Prof (Dr.) Sujit Kumar Khuntia
3	Boiler Safety	7 <sup>th</sup>	40	Dr. M. Selvom

  
HOD  
Mechanical Engineering  
College of Engineering Bhubaneswar  
Mechanical Engineering Department

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1. Vice Chairman
2. Executive Director
3. Principal
4. All Notice Board.
5. A.O(Admin)
6. All HODs
7. Hostel, Security

  
HOD  
Mechanical Engineering  
College of Engineering Bhubaneswar  
Mechanical Engineering Department

  
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# COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

## DEPARTMENT OF MECHANICAL ENGINEERING ADD ON/CERTIFICATE COURSE STUDENT ENROLLMENT SHEET

Programme: B Tech in MECHANICAL ENGINEERING	Academic Year : 2018-19	
Semester: 3rd	Course Code (if any):	Course Duration: 40 hours
Name of the Course: Advanced Welding Techniques		

I do hereby undertake to participate in the above mentioned add on course.

Sl No.	Reg. No.	Name of the Students	Signature
1	1701219001	ASHISH KUMAR MAJHI	Ashish K. Majhi
2	1701219004	BARADA PRASAD ACHARYA	Barada Prasad Acharya
3	1701219009	ASISH KUMAR RANA	Ashish Kumar Rana
4	1701219011	SUDIPTA SUNDAR NAYAK	Sudipta Sundar Nayak
5	1701219016	ABHAYARAJ PATRA	Abhayaraj Patra
6	1701219021	AMAN SHARMA	Aman Sharma
7	1701219024	SATYABRATA SAHOO	S. Sahoo
8	1701219025	BISWAJIT PATRA	Biswajit patra
9	1701219026	RAGHUNATH TUDU	R. Tudu
10	1701219035	RAJDEEP SENAPATI	Rajdeep Senapati
11	1701219039	SANJEEV KUMAR	Sanjeev Kumar
12	1701219040	BISWAJIT PANDA	Biswajit Panda
13	1701219045	JAGAMOHAN BAGE	Jagamohan Bage
14	1701219057	RAMCHANDRA TUDU	Ramachandra Tudu
15	1701219061	SANJAY KUMAR MAHANTA	Sanjay Kumar Mahanta
16	1701219068	SAMIR RANJAN NAIK	Samir Ranjan Naik
17	1701219074	SURAJ KUMAR BISWAL	Suraj Ku. Biswal
18	1701219084	KESHAV KUMAR	Keshav Kumar
19	1701219086	NITISH KUMAR BEHERA	Nitish Kumar Behera
20	1701219092	AMLANA LENKA	Amlana Lenka
21	1701219093	ANSHUMAN SETHY	Anshuman Sethy
22	1701219096	SHUBHAM	Shubham
23	1701219100	SRIKANTA HARIJAN	Srikanta Harijan
24	1701219176	RANJAN KUMAR DAS	Ranjan Ku. Das
25	1701219179	AMEET KUMAR SINGH	Ameet Kumar Singh
26	1701219180	ANUJ KUMAR BISWAL	Anuj Kumar Biswal
27	1701219181	ASISH DAS	Ashish Das
28	1701219182	BARAT SABAR	Barat Sabar
29	1701219183	BHESAJA KUMAR PRADHAN	B. K. Pradhan
30	1701219184	BISWAJIT RAY	Biswajit Ray



*A. Bhuje*  
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Sl No.	Reg. No.	Name of the Students	Signature
31	1701219185	DEEPAK KUMAR DEO	D.K. Deo
32	1701219186	GYANA RANJAN SAMAL	Gyana Ranjan Samal
33	1701219187	KAMESHWAR MAJHI	Kameshwar Majhi
34	1701219188	KAUSHAL KUMAR SINGH	Kaushal K. Singh
35	1701219189	LAKSHMAN BEHERA	Lakshman Behera
36	1701219190	MANISH TANDIYA	Manish Tandiyar
37	1701219191	NISHIKANTA RATH	Nishikanta Rath
38	1701219192	RANJAN RASHMI PATRA	Ranjan Rashmi Patra
39	1701219193	SAMBIT HARICHANDAN	S. Harichandan
40	1701219194	SATYAJIT ROUT	Satyajit Rout
41	1701219195	SIDDHARTHA DEBNATH	Siddhartha Debnath
42	1701219196	SUBHAMSATYA NAYAK	S. Nayak
43	1701219197	SURAJ KUMAR KUNDA	Suraj kunda
44	1701219289	SATYABRATA MOHAPATRA	Satyabrata Mohapatra
45	1701219290	HARIPADA SARKAR	Haripada Sarkar
46	1701219291	SATYA PRAKASH BARIK	Satya Prakash Barik
47	1701219292	MAHMOODUL HUSSAIN	M. Hussain
48	1701219293	AASAF KHAN	Aasaf Khan
49	1701219294	ANIL KUMAR SAMARTHA	Anil kumar Samantha
50	1701219295	UMAKANTA JENA	Umakanta Jena
51	1701219296	JAGAN BEHERA	Jagan Behera
52	1701219297	LAKHAI TUDU	Lakhai tudu
53	1701219298	ABHIJIT DASH	Abhijit Dash
54	1701219299	RAM CHANDRA MALLICK	Ram chandra mallick
55	1701219300	RAJAT KUMAR SAHOO	Rajat Kumar Sahoo
56	1701219301	JITENDRA BEHERA	Jitendra Behera
57	1701219302	RAJENDRA BISOYI	Rajendra Bisoyi
58	1701219303	AMIYA KUMAR SETHI	Amiya kumar Sethi
59	1701219304	ALIP KUMAR NAYAK	Alip kumar Nayak
60	1701219305	AMIT KUMAR SAHOO	Amit ku. Sahoo



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ADD ON/CERTIFICATE COURSE  
STUDENT ENROLLMENT SHEET

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Sl No.	Reg. No.	Name of the Students	Signature
61	1701219306	BISWAJIT MALLICK	Biswajit Mallick
62	1701219307	GENGRO PURTY	G. Purty
63	1701219308	JEEBANJYOTI DASH	Jeebanjyoti Dash
64	1701219309	JIBANJYOTI MOHANTY	J. Mohanty
65	1701219310	JITENDRA KUMAR	Jitendra kumar
66	1701219311	KANHU BEHARA	Kanhu Behara
67	1701219312	KIRAN KUMAR KAMILA	Kiran Kumar Kamila
68	1701219313	KUBER MAJHI	Kuber Majhi
69	1701219314	MAMINA BEHERA	Mamina behera
70	1701219315	RASMI RANJAN PANDA	Rasmi Ranjan Panda
71	1701219316	SIDHANATH SOREN	Sidhanathi Soren
72	1701219317	SUBHRANSU STITAPRAGYAN	S. Stitapragyan
73	1701219318	SUBRAT KUMAR NAYAK	Subrat Ku. Nayak
74	1701219319	SUDHANSU SEKHAR SETHI	Sudhanu sekhari Sethi
75	1701219320	SUNIL KUMAR SETHY	S.K. sethy
76	1701219321	SURAJ KUMAR BARAL	Suraj Baral



*A. Bhuj*

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DEPARTMENT OF MECHANICAL ENGINEERING  
ADD ON/CERTIFICATE COURSE  
STUDENT ATTENDANCE SHEET

1

Programme: B Tech in MECHANICAL ENGINEERING Semester: 3rd Academic Year: 2018-19

Name of the Course: Advanced Welding Techniques Course Code (if any):

Sheet No:

Sl No.	Reg. No.	Name of the Students	Date	Date	Date	Date
1	1701219001	ASHISH KUMAR MAJHI	17/11/18	18/11/18	19/11/18	20/11/18
2	1701219004	BARADA PRASAD ACHARYA	Ashish K. Majhi	Ashish K. Majhi	Barada Acharya	Ashish K. Majhi
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4	1701219011	SUDIPTA SUNDAR NAYAK	Asish Kumar Rana	Asish Kumar Rana	Asish Kumar Rana	Asish Kumar Rana
5	1701219016	ABHAYARAJ PATRA	Sudipta S. Nayak	Sudipta S. Nayak	Abhayaraj Patra	Abhayaraj Patra
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10	1701219035	RAJDEEP SENAPATI	Rajdeep Senapati	Rajdeep Senapati	Rajdeep Senapati	Rajdeep Senapati
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15	1701219061	SANJAY KUMAR MAHANTA	Sanjay K. Mahanta	Sanjay K. Mahanta	Sanjay K. Mahanta	Sanjay K. Mahanta
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26	1701219180	ANUJ KUMAR BISWAL	Anuj K. Biswal	Anuj K. Biswal	Anuj K. Biswal	Anuj K. Biswal
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College of Engineering Bhubaneswar

Programme: B Tech in MECHANICAL ENGINEERING

Semester: 3rd

Academic Year : 2018-19

Sheet No:

Name of the Course: Advanced Welding Techniques		Date	Date	Date	Date
Sl No.	Reg. No.	Name of the Students	Date	Date	Date
28	1701219182	BARAT SABAR	Barat Sabar	Barat Sabar	Barat Sabar
29	1701219183	BHESAJA KUMAR PRADHAN	ABS	B. K. Pradhan	B. K. Pradhan
30	1701219184	BISWAJIT RAY	Biswajit Ray	Biswajit Ray	Biswajit Ray
31	1701219185	DEEPAK KUMAR DEO	D.K. Deo	D.K. Deo	D.K. Deo
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38	1701219192	RANJAN RASHMI PATRA	Rangarashmi Patra	Rangarashmi Patra	Rangarashmi Patra
39	1701219193	SAMBIT HARCHANDAN	S. ManiChandan	S. ManiChandan	S. ManiChandan
40	1701219194	SATYAJIT ROUT	Satyajit Rout	Satyajit Rout	Satyajit Rout
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42	1701219196	SUBHAMSATYA NAYAK	S. Nayak	S. Nayak	S. Nayak
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47	1701219292	MAHMOODUL HUSSAIN	Mahmudun	Mahmudun	Mahmudun
48	1701219293	AASAF KHAN	Ahsaf Khan	Ahsaf Khan	Ahsaf Khan
49	1701219294	ANIL KUMAR SAMARTHA	Anil Kumar Samartha	Anil Kumar Samartha	Anil Kumar Samartha
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51	1701219296	JAGAN BEHERA	ABS	Jagan Behera	Jagan Behera
52	1701219297	LAKHAI TUDU	Lakshai tudu	Lakshai tudu	Lakshai tudu
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54	1701219299	RAM CHANDRA MALLICK	Ram Ch. Mallick	Ram Ch. Mallick	Ram Ch. Mallick







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STUDENT ATTENDANCE SHEET

Programme: B Tech in MECHANICAL ENGINEERING

Semester: 3rd

Academic Year : 2018-19

Sheet No:

Name of the Course: Advanced Welding Techniques		Date	Course Code (if any):		Date	Date
Sl No.	Reg. No.	Name of the Students	Date	Date	Date	Date
55	1701219300	RAJAT KUMAR SAHOO	Rajat Ku. Sahoo	Rajat Ku. Sahoo	Rajat Ku. Sahoo	Rajat Ku. Sahoo
56	1701219301	JITENDRA BEHERA	Jitendra Behera	Jitendra Behera	Jitendra Behera	Jitendra Behera
57	1701219302	RAJENDRA BISOYI	Rajendra Bisoyi	Rajendra Bisoyi	Rajendra Bisoyi	Rajendra Bisoyi
58	1701219303	AMIYA KUMAR SETHI	Amiya Kumar Sethi	Amiya Kumar Sethi	Amiya Kumar Sethi	Amiya Kumar Sethi
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60	1701219305	AMIT KUMAR SAHOO	Amit Kumar Sahoo	Amit Kumar Sahoo	Amit Kumar Sahoo	Amit Kumar Sahoo
61	1701219306	BISWAJIT MALLICK	Biswajit Mallik	Biswajit Mallik	Biswajit Mallik	Biswajit Mallik
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63	1701219308	JEEBANJYOTI DASH	Jeebanjyoti Dash	Jeebanjyoti Dash	Jeebanjyoti Dash	Jeebanjyoti Dash
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67	1701219312	KIRAN KUMAR KAMILA	Kiran K. Kamila	Kiran K. Kamila	Kiran K. Kamila	Kiran K. Kamila
68	1701219313	KUBER MAJHI	Kuber Majhi	Kuber Majhi	Kuber Majhi	Kuber Majhi
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74	1701219319	SUDHANSU SEKHAR SETHI	Sudhansu Sekhar Sethi	Sudhansu Sekhar Sethi	Sudhansu Sekhar Sethi	Sudhansu Sekhar Sethi
75	1701219320	SUNIL KUMAR SETHY	S.K. Sethy	S.K. Sethy	S.K. Sethy	S.K. Sethy
76	1701219321	SURAJ KUMAR BARAL	Surej Baral	Surej Baral	Surej Baral	Surej Baral

*[Signature]*

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*[Signature]*

DEPARTMENT OF MECHANICAL ENGINEERING  
ADD ON/CERTIFICATE COURSE  
STUDENT ATTENDANCE SHEET

2

Programme: B Tech in MECHANICAL ENGINEERING Semester: 3rd Academic Year : 2018-19 Sheet No:

Name of the Course: Advanced Welding Techniques	Reg. No.	Name of the Students	Date	Date	Date	Date
1	1701219001	ASHISH KUMAR MAJHI	28/7/18	24/7/18	26/7/18	27/7/18
2	1701219004	BARADA PRASAD ACHARYA	Asish K. Majhi	Barada Acharya	Asish K. Majhi	Asish K. Majhi
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10	1701219035	RAJDEEP SENAPATI	Rajdeep Senapati	Rajdeep Senapati	Rajdeep Senapati	Rajdeep Senapati
11	1701219039	SANJEEV KUMAR	Sanjeev Kumar	Sanjeev Kumar	Sanjeev Kumar	Sanjeev Kumar
12	1701219040	BISWAJIT PANDA	Biswajit Panda	Biswajit Panda	Biswajit Panda	Biswajit Panda
13	1701219045	JAGAMOHAN BAGE	Jagamohan Bage	Jagamohan Bage	Jagamohan Bage	Jagamohan Bage
14	1701219057	RAMCHANDRA TUDU	Ramchandra Tudu	Ramchandra Tudu	Ramchandra Tudu	Ramchandra Tudu
15	1701219061	SANJAY KUMAR MAHANTA	Sanjay Kumar Mahanta	Sanjay Kumar Mahanta	Sanjay Kumar Mahanta	Sanjay Kumar Mahanta
16	1701219068	SAMIR RANJAN NAIK	Samir Ranjan Naik	Samir Ranjan Naik	Samir Ranjan Naik	Samir Ranjan Naik
17	1701219074	SURAJ KUMAR BISWAL	Suraj Kumar Biswal	Suraj Kumar Biswal	Suraj Kumar Biswal	Suraj Kumar Biswal
18	1701219084	KESHAV KUMAR	Keshav Kumar	Keshav Kumar	Keshav Kumar	Keshav Kumar
19	1701219086	NITISH KUMAR BEHERA	Nitish Kumar Behera	Nitish Kumar Behera	Nitish Kumar Behera	Nitish Kumar Behera
20	1701219092	AMLANA LENKA	Amlana Lenka	Amlana Lenka	Amlana Lenka	Amlana Lenka
21	1701219093	ANSHUMAN SETHY	Anshuman Sethy	Anshuman Sethy	Anshuman Sethy	Anshuman Sethy
22	1701219096	SHUBHAM	Shubham	Shubham	Shubham	Shubham
23	1701219100	SRIKANTA HARIJAN	Srikanta Harijan	Srikanta Harijan	Srikanta Harijan	Srikanta Harijan
24	1701219176	RANJAN KUMAR DAS	Ranjan Das	Ranjan Das	Ranjan Das	Ranjan Das
25	1701219179	AMEET KUMAR SINGH	Ameet Kumar Singh	Ameet Kumar Singh	Ameet Kumar Singh	Ameet Kumar Singh
26	1701219180	ANUJ KUMAR BISWAL	Anuj Kumar Biswal	Anuj Kumar Biswal	Anuj Kumar Biswal	Anuj Kumar Biswal
27	1701219181	ASISH DAS	Asish Das	Asish Das	Asish Das	Asish Das





COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF MECHANICAL ENGINEERING  
ADD ON/CERTIFICATE COURSE  
STUDENT ATTENDANCE SHEET

PRINCIPAL  
College of Engineering Bhubaneswar

*[Signature]*

Programme: B Tech in MECHANICAL ENGINEERING

Semester: 3rd

Academic Year: 2018-19

Sheet No:

Name of the Course: Advanced Welding Techniques		Date	Date	Date	Date
Sl No.	Reg. No.	Name of the Students	Date	Date	Date
28	1701219182	BARAT SABAR	Barat Sabar	Barat Sabar	Barat Sabar
29	1701219183	BHESAJA KUMAR PRADHAN	B.K. Pradhan	B.K. Pradhan	B.K. Pradhan
30	1701219184	BISWAJIT RAY	Biswasjit Ray	Biswasjit Ray	Biswasjit Ray
31	1701219185	DEEPAK KUMAR DEO	D.K. Deo	D.K. Deo	D.K. Deo
32	1701219186	GYANA RANJAN SAMAL	Gyana Ranjan Samal	Gyana Ranjan Samal	Gyana Ranjan Samal
33	1701219187	KAMESHWAR MAJHI	Kameshwar Majhi	Kameshwar Majhi	Kameshwar Majhi
34	1701219188	KAUSHAL KUMAR SINGH	Kaushal K. Singh	Kaushal K. Singh	Kaushal K. Singh
35	1701219189	LAKSHMAN BEHERA	Lakshman Behera	Lakshman Behera	Lakshman Behera
36	1701219190	MANISH TANDIYA	Manish Tandiyer	Manish Tandiyer	Manish Tandiyer
37	1701219191	NISHIKANTA RATH	Nishikanta Rath	Nishikanta Rath	Nishikanta Rath
38	1701219192	RANJAN RASHMI PATRA	Ranjan Rashmi Patra	Ranjan Rashmi Patra	Ranjan Rashmi Patra
39	1701219193	SAMBIT HARICHANDAN	S. Harichandan	S. Harichandan	S. Harichandan
40	1701219194	SATYAJIT ROUT	Satyajit Rout	Satyajit Rout	Satyajit Rout
41	1701219195	SIDDHARTHA DEBNATH	Siddhartha Debnath	Siddhartha Debnath	Siddhartha Debnath
42	1701219196	SUBHAMSATYA NAYAK	S. Nayak	S. Nayak	S. Nayak
43	1701219197	SURAJ KUMAR KUNDA	Suresh kumda	Suresh kumda	Suresh kumda
44	1701219289	SATYABRATA MOHAPATRA	Satyabrata Mohapatra	Satyabrata Mohapatra	Satyabrata Mohapatra
45	1701219290	HARIPADA SARKAR	Haripada Sarkar	Haripada Sarkar	Haripada Sarkar
46	1701219291	SATYA PRAKASH BARIK	Satya Barik	Satya Barik	Satya Barik
47	1701219292	MAHMOODUL HUSSAIN	M. Hussain	M. Hussain	M. Hussain
48	1701219293	AASAF KHAN	Abs	Abs	Abs
49	1701219294	ANIL KUMAR SAMARTHA	Anil Kumar Samarthia	Anil Kumar Samarthia	Anil Kumar Samarthia
50	1701219295	UMAKANTA JENA	Umakanta Jena	Umakanta Jena	Umakanta Jena
51	1701219296	JAGAN BEHERA	Jagan Behera	Jagan Behera	Jagan Behera
52	1701219297	LAKHAI TUDU	Lakhai tudu	Lakhai tudu	Lakhai tudu
53	1701219298	ABHIJIT DASH	Abhijit Dash	Abhijit Dash	Abhijit Dash
54	1701219299	RAM CHANDRA MALLICK	Ram Ch. Mallick	Ram Ch. Mallick	Ram Ch. Mallick





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College of Engineering Bhubaneswar

*[Signature]*

Programme: B Tech in MECHANICAL ENGINEERING

Semester: 3rd

Academic Year : 2018-19

Sheet No:

Name of the Course: Advanced Welding Techniques		Date	Date	Date	Date
SI No.	Reg. No.	Name of the Students	Date	Date	Date
55	1701219300	RAJAT KUMAR SAHOO	Rajat Ku. Sahra	Rajat Ku. Sahra	Rajat Ku. Sahra
56	1701219301	JITENDRA BEHERA	Jitendra Behara	Jitendra Behara	Jitendra Behara
57	1701219302	RAJENDRA BISOYI	Rajendra Bisoi	Rajendra Bisoi	Rajendra Bisoi
58	1701219303	AMITYA KUMAR SETHI	Amitya Kuma Sethi	Amitya Kuma Sethi	Amitya Kuma Sethi
59	1701219304	ALIP KUMAR NAYAK	Alip K. Nayak	Alip K. Nayak	Alip K. Nayak
60	1701219305	AMIT KUMAR SAHOO	Amit K. Sahra	Amit K. Sahra	Amit K. Sahra
61	1701219306	BISWAJIT MALLICK	Biswajit Mallick	Biswajit Mallick	Biswajit Mallick
62	1701219307	GENGRO PURTY	G. Purthy	G. Purthy	G. Purthy
63	1701219308	JEEBANJYOTI DASH	Jeebanjyoti Dash	Jeebanjyoti Dash	Jeebanjyoti Dash
64	1701219309	JIBANJYOTI MOHANTY	J. Mohanty	J. Mohanty	J. Mohanty
65	1701219310	JITENDRA KUMAR	Jitendra Kumar	Jitendra Kumar	Jitendra Kumar
66	1701219311	KANHU BEHARA	Kanhu Behara	Kanhu Behara	Kanhu Behara
67	1701219312	KIRAN KUMAR KAMILA	Kiran Ku. Kamila	Kiran Ku. Kamila	Kiran Ku. Kamila
68	1701219313	KUBER MAJI	Kuber Majhi	Kuber Majhi	Kuber Majhi
69	1701219314	MAMINA BEHERA	Mamina Behara	Mamina Behara	Mamina Behara
70	1701219315	RASMI RANJAN PANDA	Rasmi R. Panda	Rasmi R. Panda	Rasmi R. Panda
71	1701219316	SIDHANATH SOREN	Sidhanath Soren	Sidhanath Soren	Sidhanath Soren
72	1701219317	SUBHRANSU SITAPRAGYAN	S. Sitapragyan	S. Sitapragyan	S. Sitapragyan
73	1701219318	SUBRAT KUMAR NAYAK	Subrat Ku. Nayak	Subrat Ku. Nayak	Subrat Ku. Nayak
74	1701219319	SUDHANSU SEKHAR SETHI	Sudhansu Sekhar Sethi	Sudhansu Sekhar Sethi	Sudhansu Sekhar Sethi
75	1701219320	SUNIL KUMAR SETHY	S. K. Sethy	S. K. Sethy	S. K. Sethy
76	1701219321	SURAJ KUMAR BARAL	Sunay Baral	Sunay Baral	Sunay Baral





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Programme: B Tech in MECHANICAL ENGINEERING Semester: 3rd Academic Year : 2018-19 Course Code (if any): Sheet No:

Sl No.	Reg. No.	Name of the Students	Date	Date	Date	Date
1	1701219001	ASHISH KUMAR MAJHI	30/7/18	31/7/18	31/8/18	6/8/18
2	1701219004	BARADA PRASAD ACHARYA	Ashish K. Majhi	Ashish K. Majhi	Ashish K. Majhi	Ashish K. Majhi
3	1701219009	ASISH KUMAR RANA	Barada Acharya	Barada Acharya	Barada Acharya	Barada Acharya
4	1701219011	SUDIPTA SUNDAR NAYAK	Asish Kumar Rana	Asish Kumar Rana	Asish Kumar Rana	Asish Kumar Rana
5	1701219016	ABHAYARAJ PATRA	Sudipta S. Nayak	Abhayaraj Patra	Abhayaraj Patra	Abhayaraj Patra
6	1701219021	AMAN SHARMA	Abhayaraj Patra	Aman Sharma	Aman Sharma	Aman Sharma
7	1701219024	SATYABRATA SAHOO	Aman Sharma	Aman Sharma	Aman Sharma	Aman Sharma
8	1701219025	BISWAJIT PATRA	S. Sahoo	Biswajit Patra	Biswajit Patra	Biswajit Patra
9	1701219026	RAGHUNATH TUDU	Biswajit Patra	R. Tudu	Ashish	R. Tudu
10	1701219035	RAJDEEP SENAPATI	R. Tudu	Rajdeep Senapati	Rajdeep Senapati	Rajdeep Senapati
11	1701219039	SANJEEV KUMAR	Rajdeep Senapati	Sanjeev Kumar	Sanjeev Kumar	Sanjeev Kumar
12	1701219040	BISWAJIT PANDA	Ashish	Biswajit Panda	Biswajit Panda	Biswajit Panda
13	1701219045	JAGAMOHAN BAGE	Jagamohan Bage	Jagamohan Bage	Jagamohan Bage	Jagamohan Bage
14	1701219057	RAMCHANDRA TUDU	Rajdeep Senapati	Rajdeep Senapati	Rajdeep Senapati	Rajdeep Senapati
15	1701219061	SANJAY KUMAR MAHANTA	Sanjay K. Mahanta	Sanjay K. Mahanta	Sanjay K. Mahanta	Sanjay K. Mahanta
16	1701219068	SAMIR RANJAN NAIK	Sanjay K. Mahanta	Samir Ranjan Naik	Samir Ranjan Naik	Samir Ranjan Naik
17	1701219074	SURAJ KUMAR BISWAL	Suraj K. Biswal	Suraj K. Biswal	Suraj K. Biswal	Suraj K. Biswal
18	1701219084	KESHAV KUMAR	Suraj K. Biswal	Keshav Kumar	Keshav Kumar	Keshav Kumar
19	1701219086	NITISH KUMAR BEHERA	Nitish Kumar Behera	Nitish Kumar Behera	Nitish Kumar Behera	Nitish Kumar Behera
20	1701219092	AMLANA LENKA	Amlana Lenka	Amlana Lenka	Amlana Lenka	Amlana Lenka
21	1701219093	ANSHUMAN SETHY	Ashish	Anshuman Setty	Anshuman Setty	Anshuman Setty
22	1701219096	SHUBHAM	Shubham	Shubham	Shubham	Shubham
23	1701219100	SRIKANTA HARIJAN	Srikanta Harjan	Srikanta Harjan	Srikanta Harjan	Srikanta Harjan
24	1701219176	RANJAN KUMAR DAS	Ranjana Das	Ranjana Das	Ranjana Das	Ranjana Das
25	1701219179	AMEET KUMAR SINGH	Ameet Kumar Singh	Ameet Kumar Singh	Ameet Kumar Singh	Ameet Kumar Singh
26	1701219180	ANUJ KUMAR BISWAL	Anuj K. Biswal	Anuj K. Biswal	Anuj K. Biswal	Anuj K. Biswal
27	1701219181	ASISH DAS	Ashish Das	Ashish Das	Ashish Das	Ashish Das





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STUDENT ATTENDANCE SHEET

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*[Signature]*

Programme: B Tech in MECHANICAL ENGINEERING Semester: 3rd Academic Year: 2018-19

Sl No.	Reg. No.	Name of the Students	Name of the Course: Advanced Welding Techniques		Date		Date		Date	
28	1701219182	BARAT SABAR	Barat Sabar	Barat Sabar						
29	1701219183	BHESAJA KUMAR PRADHAN	<i>abs</i>	B. K. Pradhan	B. K. Pradhan					
30	1701219184	BISWAJIT RAY	Biswajit ray	Biswajit ray	Biswajit ray					
31	1701219185	DEEPAK KUMAR DEO	Ok Deo	Ok Deo	Ok Deo					
32	1701219186	GYANA RANJAN SAMAL	Gyana Ranjan Samal	<i>abs</i>	Gyana Ranjan Samal					
33	1701219187	KAMESHWAR MAJHI	Kameshwar Majhi	Kameshwar Majhi	Kameshwar Majhi					
34	1701219188	KAUSHAL KUMAR SINGH	<i>abs</i>	Kaushal K. Singh	Kaushal K. Singh					
35	1701219189	LAKSHMAN BEHERA	Lakshman Behera	Lakshman Behera	Lakshman Behera					
36	1701219190	MANISH TANDIYA	Manish Tandiyga	Manish Tandiyga	Manish Tandiyga					
37	1701219191	NISHIKANTA RATH	Nishikanta Rath	Nishikanta Rath	Nishikanta Rath					
38	1701219192	RANJAN RASHMI PATRA	Rangun Ranjani Patra	Rangun Ranjani Patra	Rangun Ranjani Patra					
39	1701219193	SAMBIT HARICHANDAN	S. Harinandan	<i>abs</i>	S. Harinandan					
40	1701219194	SATYAJIT ROUT	Satyajit Rout	Satyajit Rout	Satyajit Rout					
41	1701219195	SIDDHARTHA DEBNATH	Siddhartha debnath	Siddhartha debnath	Siddhartha debnath					
42	1701219196	SUBHAMSATYA NAYAK	S. Nayak	S. Nayak	S. Nayak					
43	1701219197	SURAJ KUMAR KUNDA	Suroy Kumda	Suroy Kumda	Suroy Kumda					
44	1701219289	SATYABRATA MOHAPATRA	<i>abs</i>	Satyabrata Mohapatra	Satyabrata Mohapatra					
45	1701219290	HARIPADA SARKAR	Haripada Sarkar	Haripada Sarkar	Haripada Sarkar					
46	1701219291	SATYA PRAKASH BARIK	Satya Barik	Satya Barik	Satya Barik					
47	1701219292	MAHMOODUL HUSSAIN	Muhammad Hussain	M. Hussain	M. Hussain					
48	1701219293	AASAF KHAN	Ahsaf Khan	Ahsaf Khan	Ahsaf Khan					
49	1701219294	ANIL KUMAR SAMARTHA	Anil Kumar Samantha	Anil Kumar Samantha	Anil Kumar Samantha					
50	1701219295	UMAKANTA JENA	Umakanta Jena	Umakanta Jena	Umakanta Jena					
51	1701219296	JAGAN BEHERA	<i>abs</i>	Jagan Behera	Jagan Behera					
52	1701219297	LAKHAI TUDU	Lakhai tudu	Lakhai tudu	Lakhai tudu					
53	1701219298	ABHIJIT DASH	Abhisat Dash	Abhisat Dash	Abhisat Dash					
54	1701219299	RAM CHANDRA MALLICK	Ram ch. Mallick	Ram ch. Mallick	Ram ch. Mallick					





COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

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STUDENT ATTENDANCE SHEET

Programme: B Tech in MECHANICAL ENGINEERING

Semester: 3rd

Academic Year : 2018-19

Sheet No:

Name of the Course: Advanced Welding Techniques			
Sl No.	Reg. No.	Name of the Students	Date
55	1701219300	RAJAT KUMAR SAHOO	Rajat Ku. Sahoo
56	1701219301	JITENDRA BEHERA	Jitendra Bahera
57	1701219302	RAJENDRA BISOYI	Rajendra Bisoi
58	1701219303	AMIYA KUMAR SETHI	Amiya Kumar Sethi
59	1701219304	ALIP KUMAR NAYAK	Alip K. Nayak
60	1701219305	AMIT KUMAR SAHOO	Amit Kumar Sahoo
61	1701219306	BISWAJIT MALLICK	Biswajit Mallik
62	1701219307	GENGRO PURTY	G. Purty
63	1701219308	JEEBANJOYTI DASH	Jeebanjoyti Dash
64	1701219309	JIBANJOYTI MOHANTY	J. Mohanty
65	1701219310	JITENDRA KUMAR	Jitendra Kumar
66	1701219311	KANHU BEHARA	Kanhu Bahera
67	1701219312	KIRAN KUMAR KAMILA	Kiran K. Kamila
68	1701219313	KUBER MAJHI	Kuber Majhi
69	1701219314	MAMINA BEHERA	Mamina Behera
70	1701219315	RASMI RANJAN PANDA	Rasmi R. Panda
71	1701219316	SIDHANATH SOREN	Sidhanath Soren
72	1701219317	SUBHRANSU SITAPRAGYAN	S. Sitapragyan
73	1701219318	SUBRAT KUMAR NAYAK	Subrat Ku. Nayak
74	1701219319	SUDHANSU SEKHAR SETHI	Sudhansu Sekhar Sethi
75	1701219320	SUNIL KUMAR SETHY	S.K. Sethy
76	1701219321	SURAJ KUMAR BARAL	Suryaj Baral





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ADD ON/CERTIFICATE COURSE

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Programme: B Tech in MECHANICAL ENGINEERING

Semester: 3<sup>rd</sup>

Academic Year : 2018-19

Course Code (if any):

Sheet No:

(4)

Principal  
Dr. B. B. Singh

College of Engineering Bhubaneswar

Name of the Course: Advanced Welding Techniques			
Sl No.	Reg. No.	Name of the Students	Date
1	1701219001	ASHISH KUMAR MAJHI	11/8/18
2	1701219004	BARADA PRASAD ACHARYA	11/8/18
3	1701219009	ASISH KUMAR RANA	11/8/18
4	1701219011	SUDIPTA SUNDAR NAYAK	11/8/18
5	1701219016	ABHAYARAJ PATRA	11/8/18
6	1701219021	AMAN SHARMA	11/8/18
7	1701219024	SATYABRATA SAHOO	11/8/18
8	1701219025	BISWAJIT PATRA	11/8/18
9	1701219026	RAGHUNATH TUDU	11/8/18
10	1701219035	RAJDEEP SENAPATI	11/8/18
11	1701219039	SANJEEV KUMAR	11/8/18
12	1701219040	BISWAJIT PANDA	11/8/18
13	1701219045	JAGAMOHAN BAGE	11/8/18
14	1701219057	RAMCHANDRA TUDU	11/8/18
15	1701219061	SANJAY KUMAR MAHANTA	11/8/18
16	1701219068	SAMIR RANJAN NAIK	11/8/18
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21	1701219093	ANSHUMAN SETHY	11/8/18
22	1701219096	SHUBHAM	11/8/18
23	1701219100	SRIKANTA HARIJAN	11/8/18
24	1701219176	RANJAN KUMAR DAS	11/8/18
25	1701219179	AMEET KUMAR SINGH	11/8/18
26	1701219180	ANUJ KUMAR BISWAL	11/8/18
27	1701219181	ASISH DAS	11/8/18







**COLLEGE OF ENGINEERING BHUBANESWAR (COEB)**

  
**PRINCIPAL**  
 College of Engineering Bhubaneswar

**DEPARTMENT OF MECHANICAL ENGINEERING**  
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Programme: B Tech in MECHANICAL ENGINEERING  
 Semester: 3rd  
 Academic Year : 2018-19  
 Sheet No:

Name of the Course: Advanced Welding Techniques		Date	Date	Date	Date
Sl.No.	Reg. No.	Name of the Students	Date	Date	Date
28	1701219182	BARAT SABAR	ABs	Barat Sabar	Barat Sabar
29	1701219183	BHESAJA KUMAR PRADHAN	B. K. Pradhun	B. K. Pradhun	B. K. Pradhun
30	1701219184	BISWAJIT RAY	Biswajit Ray	Biswajit Ray	Biswajit Ray
31	1701219185	DEEPAK KUMAR DEO	D. K. Deo	D. K. Deo	D. K. Deo
32	1701219186	GYANA RANJAN SAMAL	Gyana Ranjan Samal	Gyana Ranjan Samal	Gyana Ranjan Samal
33	1701219187	KAMESHWAR MAJHI	Kameshwar Majhi	Kameshwar Majhi	Kameshwar Majhi
34	1701219188	KAUSHAL KUMAR SINGH	Kaushal K. Singh	Kaushal K. Singh	Kaushal K. Singh
35	1701219189	LAKSHMAN BEHERA	Lakshman Behera	Lakshman Behera	Lakshman Behera
36	1701219190	MANISH TANDIYA	Manish Tandiy	Manish Tandiy	Manish Tandiy
37	1701219191	NISHIKANTA RATH	Nishikant Rath	Nishikant Rath	Nishikant Rath
38	1701219192	RANJAN RASHMI PATRA	Ranjan Rashmi Patra	Ranjan Rashmi Patra	Ranjan Rashmi Patra
39	1701219193	SAMBIT HARCHANDAN	Sambit	S. Harichandan	S. Harichandan
40	1701219194	SATYAJIT ROUT	Satyajit Rout	Satyajit Rout	Satyajit Rout
41	1701219195	SIDDHARTHA DEBNATH	Siddharta Debnath	Siddharta Debnath	Siddharta Debnath
42	1701219196	SUBHAMSATYA NAYAK	S. Nayak	S. Nayak	S. Nayak
43	1701219197	SURAJ KUMAR KUNDA	Suraj Kunda	Suraj Kunda	Suraj Kunda
44	1701219289	SATYABRATA MOHAPATRA	Satyabrata Mohapatra	Satyabrata Mohapatra	Satyabrata Mohapatra
45	1701219290	HARIPADA SARKAR	Haripada Sarkar	Haripada Sarkar	Haripada Sarkar
46	1701219291	SATYA PRAKASH BARIK	Satya Barik	Satya Barik	Satya Barik
47	1701219292	MAHMOODUL HUSSAIN	M. Hussain	M. Hussain	M. Hussain
48	1701219293	AASAF KHAN	Astaf Khan	Astaf Khan	Astaf Khan
49	1701219294	ANIL KUMAR SAMARTHA	Anil Kumar Samartha	Anil Kumar Samartha	Anil Kumar Samartha
50	1701219295	UMAKANTA JENA	Umakanta Jena	Umakanta Jena	Umakanta Jena
51	1701219296	JAGAN BEHERA	Jagan Behera	Jagan Behera	Jagan Behera
52	1701219297	LAKHAI TUDU	Lakhai Tudu	Lakhai Tudu	Lakhai Tudu
53	1701219298	ABHJIT DASH	Abhjit Dash	Abhjit Dash	Abhjit Dash
54	1701219299	RAM CHANDRA MALLICK	Ram Ch. Mallick	Ram Ch. Mallick	Ram Ch. Mallick





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Semester: 3rd

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Sheet No:

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Sl No.	Reg. No.	Name of the Students	Date	Date	Date	Date
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56	1701219301	JITENDRA BEHERA	AKS	Jitendra Behera	Jitendra Behera	Jitendra Behera
57	1701219302	RAJENDRA BISOYI	AKS	Rajendra	Rajendra	Rajendra
58	1701219303	AMITYA KUMAR SETHI	AKS	Amitya K. S. Sethi	Amitya K. S. Sethi	Amitya K. S. Sethi
59	1701219304	ALIP KUMAR NAYAK	AKS	Alip K. Nayak	Alip K. Nayak	Alip K. Nayak
60	1701219305	AMIT KUMAR SAHOO	AKS	Amit Ku. Sahoo	Amit Ku. Sahoo	Amit Ku. Sahoo
61	1701219306	BISWAJIT MALLICK	AKS	Biswajit Mallick	Biswajit Mallick	Biswajit Mallick
62	1701219307	GENGRO PURTY	AKS	G. P. Purty	G. P. Purty	G. P. Purty
63	1701219308	JEEBANJYOTI DASH	AKS	Jeebanjyoti Dash	Jeebanjyoti Dash	Jeebanjyoti Dash
64	1701219309	JIBANJYOTI MOHANTY	AKS	J. Mohanty	J. Mohanty	J. Mohanty
65	1701219310	JITENDRA KUMAR	AKS	Jitendra kumar	Jitendra kumar	Jitendra kumar
66	1701219311	KANHU BEHARA	AKS	Kanhu Behara	Kanhu Behara	Kanhu Behara
67	1701219312	KIRAN KUMAR KAMILA	AKS	Kiran K. Kamila	Kiran K. Kamila	Kiran K. Kamila
68	1701219313	KUBER MAJHI	AKS	Kuber Majhi	Kuber Majhi	Kuber Majhi
69	1701219314	MAMINA BEHERA	AKS	Mamina Behera	Mamina Behera	Mamina Behera
70	1701219315	RASMI RANJAN PANDA	AKS	Rasmi R. Panda	Rasmi R. Panda	Rasmi R. Panda
71	1701219316	SIDHIANATH SOREN	AKS	Sidhanath Soren	Sidhanath Soren	Sidhanath Soren
72	1701219317	SUBHRANSU SITTAPRAGYAN	AKS	S. Sittapragyan	S. Sittapragyan	S. Sittapragyan
73	1701219318	SUBBRAT KUMAR NAYAK	AKS	Subrat Ku. Nayak	Subrat Ku. Nayak	Subrat Ku. Nayak
74	1701219319	SUDHANSU SEKHAR SETHI	AKS	Sudhansu Sekhar Sethi	Sudhansu Sekhar Sethi	Sudhansu Sekhar Sethi
75	1701219320	SUNIL KUMAR SETHY	AKS	S. K. Sethy	S. K. Sethy	S. K. Sethy
76	1701219321	SURAJ KUMAR BARAL	AKS	Surey Baral	Surey Baral	Surey Baral





COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF MECHANICAL ENGINEERING  
ADD ON/CERTIFICATE COURSE  
STUDENT ATTENDANCE SHEET

Semester: 3rd

Programme: B Tech in MECHANICAL ENGINEERING

Academic Year : 2018-19  
Course Code (if any):

Sheet No:

5

College of Engineering Bhubaneswar  
PRINCIPAL

*[Signature]*

Name of the Course: Advanced Welding Techniques		Date	Date	Date	Date
Sl No.	Reg. No.	Name of the Students			
1	1701219001	ASHISH KUMAR MAJHI	17/8/18	20/8/18	21/8/18
2	1701219004	BARADA PRASAD ACHARYA	17/8/18	20/8/18	21/8/18
3	1701219009	ASISH KUMAR RANA	17/8/18	20/8/18	21/8/18
4	1701219011	SUDIPTA SUNDAR NAYAK	17/8/18	20/8/18	21/8/18
5	1701219016	ABHAYARAJ PATRA	17/8/18	20/8/18	21/8/18
6	1701219021	AMAN SHARMA	17/8/18	20/8/18	21/8/18
7	1701219024	SATYABRATA SAHOO	17/8/18	20/8/18	21/8/18
8	1701219025	BISWAJIT PATRA	17/8/18	20/8/18	21/8/18
9	1701219026	RAGHUNATH TUDU	17/8/18	20/8/18	21/8/18
10	1701219035	RAJDEEP SENAPATI	17/8/18	20/8/18	21/8/18
11	1701219039	SANJEEV KUMAR	17/8/18	20/8/18	21/8/18
12	1701219040	BISWAJIT PANDA	17/8/18	20/8/18	21/8/18
13	1701219045	JAGAMOHAN BAGE	17/8/18	20/8/18	21/8/18
14	1701219057	RAMCHANDRA TUDU	17/8/18	20/8/18	21/8/18
15	1701219061	SANJAY KUMAR MAHANTA	17/8/18	20/8/18	21/8/18
16	1701219068	SAMIR RANJAN NAIK	17/8/18	20/8/18	21/8/18
17	1701219074	SURAJ KUMAR BISWAL	17/8/18	20/8/18	21/8/18
18	1701219084	KESHAV KUMAR	17/8/18	20/8/18	21/8/18
19	1701219086	NITISH KUMAR BEHERA	17/8/18	20/8/18	21/8/18
20	1701219092	AMLANA LENKA	17/8/18	20/8/18	21/8/18
21	1701219093	ANSHUMAN SETHY	17/8/18	20/8/18	21/8/18
22	1701219096	SHUBHAM	17/8/18	20/8/18	21/8/18
23	1701219100	SRIKANTA HARJAN	17/8/18	20/8/18	21/8/18
24	1701219176	RANJAN KUMAR DAS	17/8/18	20/8/18	21/8/18
25	1701219179	AMEET KUMAR SINGH	17/8/18	20/8/18	21/8/18
26	1701219180	ANUJ KUMAR BISWAL	17/8/18	20/8/18	21/8/18
27	1701219181	ASISH DAS	17/8/18	20/8/18	21/8/18





COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

College of Engineering Bhubaneswar

DEPARTMENT OF MECHANICAL ENGINEERING  
ADD ON/CERTIFICATE COURSE  
STUDENT ATTENDANCE SHEET

*[Signature]*  
PRINCIPAL

Programme: B Tech in MECHANICAL ENGINEERING

Semester: 3rd

Academic Year : 2018-19

Sheet No:

Name of the Course: Advanced Welding Techniques		Date	Date	Date	Date
Sl No.	Reg. No.	Name of the Students	Date	Date	Date
28	1701219182	BARAT SABAR	Barat Sabar	Barat Sabar	Barat Sabar
29	1701219183	BHESAJA KUMAR PRADHAN	P. K. Pradhan	P. K. Pradhan	P. K. Pradhan
30	1701219184	BISWAJIT RAY	Biswasjit Ray	Biswasjit Ray	Biswasjit Ray
31	1701219185	DEEPAK KUMAR DEO	D.K. Deo	D.K. Deo	D.K. Deo
32	1701219186	GYANA RANJAN SAMAL	Gyana Ranjan Samal	Gyana Ranjan Samal	Gyana Ranjan Samal
33	1701219187	KAMESHWAR MAJHI	Kameshwar Majhi	Kameshwar Majhi	Kameshwar Majhi
34	1701219188	KAUSHAL KUMAR SINGH	Kaushal K. Singh	Kaushal K. Singh	Kaushal K. Singh
35	1701219189	LAKSHMAN BEHERA	Lakshman Behera	Lakshman Behera	Lakshman Behera
36	1701219190	MANISH TANDIYA	Manish Tandiy	Manish Tandiy	Manish Tandiy
37	1701219191	NISHIKANTA RATH	Nishikanta Rath	Nishikanta Rath	Nishikanta Rath
38	1701219192	RANJAN RASHMI PATRA	Rajan Rashmi Patra	Rajan Rashmi Patra	Rajan Rashmi Patra
39	1701219193	SAMBIT HARCHANDAN	S. Harichandan	S. Harichandan	S. Harichandan
40	1701219194	SATYAJIT ROU	Satyajit Rou	Satyajit Rou	Satyajit Rou
41	1701219195	SIDDHARTHA DEBNATH	Siddhartha Debnath	Siddhartha Debnath	Siddhartha Debnath
42	1701219196	SUBHAMSATYA NAYAK	S. Nayak	S. Nayak	S. Nayak
43	1701219197	SURAJ KUMAR KUNDA	Surey Kunda	Surey Kunda	Surey Kunda
44	1701219289	SATYABRATA MOHAPATRA	Satyabrata Mohapatra	Satyabrata Mohapatra	Satyabrata Mohapatra
45	1701219290	HARIPADA SARKAR	Haripada Sarkar	Haripada Sarkar	Haripada Sarkar
46	1701219291	SATYA PRAKASH BARIK	Satya Barik	Satya Barik	Satya Barik
47	1701219292	MAHMOODUL HUSSAIN	M. Hussain	M. Hussain	M. Hussain
48	1701219293	AASAF KHAN	Ahsaf Khan	Ahsaf Khan	Ahsaf Khan
49	1701219294	ANIL KUMAR SAMARTHA	Anil Kumar Samarth	Anil Kumar Samarth	Anil Kumar Samarth
50	1701219295	UMAKANTA JENA	Umakanta Jena	Umakanta Jena	Umakanta Jena
51	1701219296	JAGAN BEHERA	Jagan Behera	Jagan Behera	Jagan Behera
52	1701219297	LAKHAI TUDU	Lakhai Tudu	Lakhai Tudu	Lakhai Tudu
53	1701219298	ABHIJIT DASH	Abhisjit Dash	Abhisjit Dash	Abhisjit Dash
54	1701219299	RAM CHANDRA MALLICK	Ram Ch. Mallick	Ram Ch. Mallick	Ram Ch. Mallick





COLLEGE OF ENGINEERING BHUBANESWAR (COEB)

DEPARTMENT OF MECHANICAL ENGINEERING

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PRINCIPAL  
College of Engineering Bhubaneswar

*[Handwritten Signature]*

Programme: B Tech in MECHANICAL ENGINEERING

Semester: 3rd

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Sheet No:

Name of the Course: Advanced Welding Techniques		Date	Date	Date	Date
Sl No.	Reg. No.	Name of the Students	Date	Date	Date
55	1701219300	RAJAT KUMAR SAHOO	Rajat Ku. Sahar	Rajat Ku. Sahar	Rajat Ku. Sahar
56	1701219301	JITENDRA BEHERA	Jitendra Behera	Jitendra Behera	Jitendra Behera
57	1701219302	RAJENDRA BISOYI	Rajendra Bisoi	Rajendra Bisoi	Rajendra Bisoi
58	1701219303	AMITYA KUMAR SETHI	Amitya Kumar Sethi	Amitya Kumar Sethi	Amitya Kumar Sethi
59	1701219304	ALIP KUMAR NAYAK	Alip K. Nayak	Alip K. Nayak	Alip K. Nayak
60	1701219305	AMIT KUMAR SAHOO	Amit Ku. Sahar	Amit Ku. Sahar	Amit Ku. Sahar
61	1701219306	BISWAJIT MALLICK	Biswajit Mallick	Biswajit Mallick	Biswajit Mallick
62	1701219307	GENGRO PURTY	G. Purty	G. Purty	G. Purty
63	1701219308	JEEBANYOTI DASH	Jeebanyoti Dash	Jeebanyoti Dash	Jeebanyoti Dash
64	1701219309	JIBANYOTI MOHANTY	J. Mohanty	J. Mohanty	J. Mohanty
65	1701219310	JITENDRA KUMAR	Jitendra Kumar	Jitendra Kumar	Jitendra Kumar
66	1701219311	KANHU BEHARA	Kanhu Behera	Kanhu Behera	Kanhu Behera
67	1701219312	KIRAN KUMAR KAMILA	Kiran K. Kamila	Kiran K. Kamila	Kiran K. Kamila
68	1701219313	KUBER MAJHI	Kuber Majhi	Kuber Majhi	Kuber Majhi
69	1701219314	MAMINA BEHERA	Mamina Behera	Mamina Behera	Mamina Behera
70	1701219315	RASMI RANJAN PANDA	Rasmi R. Panda	Rasmi R. Panda	Rasmi R. Panda
71	1701219316	SIDHANATH SOREN	Sidhanath Soren	Sidhanath Soren	Sidhanath Soren
72	1701219317	SUBHRANSU SITAPRAGYAN	S. Sitapragyan	S. Sitapragyan	S. Sitapragyan
73	1701219318	SUBRAT KUMAR NAYAK	Subrat Ku. Nayak	Subrat Ku. Nayak	Subrat Ku. Nayak
74	1701219319	SUDHANSU SEKHAR SETHI	Sudhansu Sekhar Sethi	Sudhansu Sekhar Sethi	Sudhansu Sekhar Sethi
75	1701219320	SUNIL KUMAR SETHY	S.K. Sethy	S.K. Sethy	S.K. Sethy
76	1701219321	SURAJ KUMAR BARAL	Sunraj Baral	Sunraj Baral	Sunraj Baral





**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.

**ASHISH KUMAR MAJHI**

, student of the Department

of **Mechanical Engg.**

semester **Third** bearing registration number **1701219001**

has successfully completed the ADD-ON Course titled **Advanced Welding Techniques**

conducted at College of Engineering Bhubaneswar in the academic year **2018-19**

**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. BARADA PRASAD ACHARYA, student of the Department

of Mechanical Engg. semester Third bearing registration number 1701219004


has successfully completed the ADD-ON Course titled Advanced Welding Techniques

conducted at College of Engineering Bhubaneswar in the academic year 2018-19.

**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. ASISH KUMAR RANA, student of the Department

of Mechanical Engg. semester Third bearing registration number 1701219009

has successfully completed the ADD-ON Course titled Advanced Welding Techniques

conducted at College of Engineering Bhubaneswar in the academic year 2018-19

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Course-Coordinator

Principal

PRINCIPAL

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# *Certificate of Completion*


This is to certify that Mr./Ms. SUDIPTA SUNDAR NAYAK, student of the Department


of Mechanical Engg. semester Third bearing registration number 1701219011

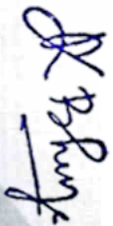
has successfully completed the ADD-ON Course titled Advanced Welding Techniques

conducted at College of Engineering Bhubaneswar in the academic year 2018-19.

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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. ABHAYARAJ PATRA, student of the Department

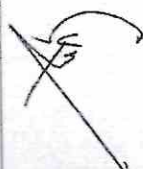
of Mechanical Engg. semester Third bearing registration number 1701219016

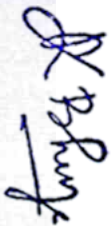
has successfully completed the ADD-ON Course titled Advanced Welding Techniques

conducted at College of Engineering Bhubaneswar in the academic year 2018-19.

**TRUE COPY**

  
Course-Coordinator

  
Principal

  
PRINCIPAL  
College of Engineering Bhubaneswar

**aheswar**