

CAMPUS BEAUTIFICATION

(Submitted for fulfillment of the Dept. of the
Diploma in Electrical Engineering)



Under the guidance of
Er. Sujata Bhoi
Lecturer in Electrical Engineering

GOVT. POLYTECHNIC,
BALANGIR

DEPARTMENT OF ELECTRICAL
ENGINEERING

GOVT. POLYTECHNIC BOLANGIR		
DEPT. OF ELECTRICAL ENGINEERING		
PROJECT WORK CARRIED OUT GROUP 1		
SL. No.	Student Name	Regd No
1	ABHISHEK MAHANA	F21110002002
2	ABHISHEK SAHU	F21110002003
3	ANIRUDH SHARMA	F21110002005
4	HITESH PRASANTAM NAIK	F21110002021
5	MINTU SETH	F21110002030
6	ROSHAN KUMAR DASH	F21110002043
7	SHARMISTHA SAHU	F21110002050
8	SOURAV NAIK	F21110002056

SL NO.	PERFORMANCE CRITERIA	MARK OBTAINED							
		F21-02	F21-03	F21-05	F21-21	F21-30	F21-43	F21-50	F21-56
1	Selection of project assignment	9	8	6	6	5	6	10	9
2	Planning & execution	8	9	7	7	6	7	10	10
3	Quality of performance	8	9	6	6	8	8	9	10
4	Providing solution of the problem or production of final product	7	9	4	6	7	6	10	10
5	Sense of responsibility	9	8	8	5	6	5	10	10
6	Self expression/presentation skill /communication	6	9	7	7	5	6	10	10
7	Interpersonal skill/human relations	9	9	7	5	7	4	10	9
8	Report writing skills	9	10	6	5	4	5	9	10
9	Viva voice	17	19	15	13	12	17	20	20
10	TOTAL	82	90	66	60	60	64	98	98

S. P. Bolangir
21/5/24
HOD, Electrical

G.P, Bolangir
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Govt. Polytechnic
Bolangir

AUTOMATIC ROOM LIGHT CONTROLLER WITH BIDIRECTIONAL VISITOR COUNTER

(Submitted for fulfillment of the Dept. of the
Diploma in Electrical Engineering)

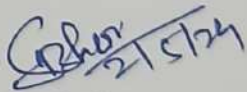


Under The Guidance Of
Er. Manas Kumar Pradhan
Lecturer In Electrical Engineering

**GOVT. POLYTECHNIC,
BALANGIR**

GOVT. POLYTECHNIC BOLANGIR		
DEPT. OF ELECTRICAL ENGINEERING		
PROJECT WORK CARRIED OUT GROUP 2		
SL No	Student Name	Regd No
1	ARUP KUMAR DASH	F21110002009
2	BHOJARAJ MEHER	F21110002011
3	BIBEKANANDA BAG	F21110002012
4	BISWAJIT NAYAK	F21110002014
5	CHANDARAMANI SAHU	F21110002016

Sl. No.	Performance criteria	Marks obtained				
		F21-2009	F21-2011	F21-2012	F21-2014	F21-2016
1	Selection of project assignment	07	09	07	09	09
2	Planning and execution	04	08	05	08	08
3	Quality of performance	05	07	04	08	10
4	Providing solution of the problem or production of final product	04	09	04	09	09
5	Sense of responsibility	06	07	07	07	07
6	Self expression/communication/presentation skill	05	09	05	07	09
7	Interpersonal skill/human relations	07	08	04	08	08
8	Report writing skills	04	07	04	07	07
9	Vice viva	08	16	10	17	17
	Total	50	80	50	80	84


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A PROJECT REPORT ON FACIAL RECOGNITION

(Submitted for fulfillment of the Dept. of the
Diploma in Electrical Engineering)



Under the guidance of
Tapas panigrahi
Lecturer in Electrical Engineering

GOVT. POLYTECHNIC,
BALANGIR-767002

DEPARTMENT OF ELECTRICAL ENGINEERING

GOVT. POLYTECHNIC BOLANGIR		
DEPT. OF ELECTRICAL ENGINEERING		
PROJECT WORK CARRIED OUT GROUP 3		
SL No	Student Name	Regd No
1	GYANA RANJAN SAHU	F21110002018
2	HITESH MISHRA	F21110002020
3	JOGESWAR BARIK	F21110002022
4	JYOTI MAHANANDA	F21110002024
5	NIKESH BARIK	F21110002032

Sl no	Performance criteria	Marks obtained				
		F21-2033	F21-2031	F21-2037	F21-2040	F21-2041
1	Selection of project assignment	07	05	08	07	07
2	Planning and execution	05	07	05	05	05
3	Quality of performance	04	04	08	05	04
4	Providing solution of the problem or production of final product	04	07	07	07	04
5	Sense of responsibility	07	04	07	07	07
6	Self expression/communication/presentation skill	05	04	08	08	05
7	Interpersonal skill/human relations	06	05	06	06	04
8	Report writing skills	04	05	07	04	04
9	Vice viva	08	09	14	11	10
	Total	50	50	70	60	50

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A PROJECT REPORT ON MODELING AND APPLICATION OF DRONE

(Submitted for fulfillment of the Dept. of the
Diploma in Electrical Engineering)

Under the guidance of
Er. MD SAMSUDDIN ANSARI
Lecturer in Electrical Engineering

**GOVT. POLYTECHNIC,
BALANGIR**

**DEPARTMENT OF ELECTRICAL ENGINEERING
GOVT. POLYTECHNIC,
BALANGIR – 767002, ODISHA**

GOVT. POLYTECHNIC BOLANGIR		
DEPT. OF ELECTRICAL ENGINEERING		
PROJECT WORK CARRIED OUT GROUP 4		
SL No	Student Name	Regd No
1	LAXMANA BEHERA	F21110002025
2	MAMATA TRIPATHY	F21110002027
3	MANAS RANJAN MISHRA	F21110002028
4	MANIKA BAG	F21110002029
5	NITESH SAHU	F21110002034

SL no.	Performance criteria	Marks obtained				
		F21- 2025	F21- 2027	F21- 2028	F21- 2029	F21- 2034
1	Selection of project assignment	04	08	05	06	08
2	Planning and execution	05	09	04	05	09
3	Quality of performance	06	09	06	04	07
4	Providing solution of the problem or production of final product	05	08	04	05	08
5	Sense of responsibility	04	09	05	04	09
6	Self expression/communication/presentation skill	06	08	04	06	08
7	Interpersonal skill/human relations	04	08	06	04	07
8	Report writing skills	06	09	05	05	09
9	Viva voce	10	18	11	11	15
	Total	50	86	50	50	80


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A PROJECT REPORT ON SOLAR INVERTER

(Submitted for fulfillment of the Dept. of the
Diploma in Electrical Engineering)



Under the guidance of

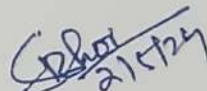
Er. Saiswarup Patel

Lecturer in Electrical Engineering

**DEPARTMENT OF ELECTRICAL
ENGINEERING GOVT. POLYTECHNIC,
BOLANGIR- 767002, ODISHA**

GOVT. POLYTECHNIC BOLANGIR		
DEPT. OF ELECTRICAL ENGINEERING		
PROJECT WORK CARRIED OUT GROUP 5		
SL No	Student Name	Regd No
1	MUKESH MAJHI	F21110002031
2	NIROJ SINGH CHINDA	F21110002033
3	RABINDRA DANSANA	F21110002037
4	RANJEET NAIK	F21110002040
5	REESAV SA	F21110002041

Sl no	Performance criteria	Marks obtained				
		F21-2018	F21-2020	F21-2022	F21-2024	F21-2032
1	Selection of project assignment	10	10	07	10	05
2	Planning and execution	09	09	06	08	06
3	Quality of performance	10	08	07	08	04
4	Providing solution of the problem or production of final product	10	09	08	09	05
5	Sense of responsibility	09	09	06	09	06
6	Self expression/communication/presentation skill	10	08	06	07	06
7	Interpersonal skill/human relations	08	08	05	08	05
8	Report writing skills	09	09	06	09	04
9	Vice viva	19	18	13	18	09
	Total	94	88	64	86	50


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Bolangir

A PROJECT REPORT ON WATER LEVEL AUTOMATIC PUMP CONTROL

(Submitted for fulfillment of the Dept. of the
Diploma in Electrical Engineering)



Under the guidance of.

Er. Saiswarup Patel

Lecturer in Electrical Engineering

GOVT. POLYTECHNIC,
BALANGIR

DEPARTMENT OF ELECTRICAL
ENGINEERING

GOVT. POLYTECHNIC BOLANGIR		
DEPT. OF ELECTRICAL ENGINEERING		
PROJECT WORK CARRIED OUT GROUP 6		
SL No	Student Name	Regd No
1	ANKIT ROUT	F21110002006
2	RUPESH CHANDRA MAHAKUR	F21110002046
3	SANJIB ROUT	F21110002047
4	SHIBA BACHHA	F21110002051

Sl no	Performance criteria	Marks obtained				
		F21-2006	F21-2046	F21-2047	F21-2050	
1	Selection of project assignment	10	09	06	10	
2	Planning and execution	09	09	06	10	
3	Quality of performance	08	08	07	10	
4	Providing solution of the problem or production of final product	08	09	05	10	
5	Sense of responsibility	07	09	04	10	
6	Self expression/communication/presentation skill	08	08	04	09	
7	Interpersonal skill/human relations	09	09	05	10	
8	Report writing skills	08	09	05	10	
9	Vice viva	17	18	08	19	
	Total	84	88	50	98	

G.P. Bolangir
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Bolangir

A PROJECT REPORT ON “OBSTACLE AVOIDANCE ROBOT USING ULTRASONIC SENSOR”

(Submitted for fulfillment of the Dept. of the
Diploma in Electrical Engineering)



UNDER THE GUIDANCE OF
ER. MANASH PRADHAN
LECTURE IN ELECTRICAL ENGG.

GOVT. POLYTECHNIC
BALANGIR

GOVT. POLYTECHNIC BOLANGIR		
DEPT. OF ELECTRICAL ENGINEERING		
PROJECT WORK CARRIED OUT GROUP 7		
SL No	Student Name	Regd No
1	ANOJ KUMAR SINGH	F21110002008
2	SIBASISH PATEL	F21110002053
3	SOUMYA RANJAN MESWA	F21110002055
4	SUBHASHREE SWAIN	F21110002058
5	SUBRAT PRADHAN	F21110002059

Sl no	Performance criteria	Marks obtained				
		F21-2008	F21-2053	F21-2055	F21-2058	F21-2059
1	Selection of project assignment	10	10	10	10	06
2	Planning and execution	09	09	09	10	08
3	Quality of performance	10	10	10	10	07
4	Providing solution of the problem or production of final product	09	09	09	09	05
5	Sense of responsibility	08	09	10	10	04
6	Self expression/communication/pre sentation skill	10	10	10	10	04
7	Interpersonal skill/human relations	08	09	09	10	05
8	Report writing skills	09	10	10	10	05
9	Vice viva	17	18	19	19	06
	Total	90	94	96	98	50

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Deptt. of Electrical Engg.
Govt. Polytechnic
Bolangir

21/5/24

A PROJECT REPORT ON MAKING A PANEL BOARD TO MEASURE POWER IN THREE PHASE CIRCUIT USING TWO WATT METER METHOD WITH RESISTIVE LOAD

(Submitted for fulfillment of the Dept. of the
Diploma in Electrical Engineering)



Under the guidance of
Tapas Panigrahi
Lecturer in Electrical Engineering

GOVT. POLYTECHNIC BALANGIR

GOVT. POLYTECHNIC BOLANGIR		
DEPT. OF ELECTRICAL ENGINEERING		
PROJECT WORK CARRIED OUT GROUP 8		
SL No	Student Name	Regd No
1	SWAROUP SAHANI	F21110002060
2	UDAYA BERIA	F21110002062
3	UTTAM SAHU	F21110002063
4	AJIT DEEP	L22110002001
5	ASIM SUNA	L22110002002

Sl no	Performance criteria	Marks obtained				
		L22-2001	L22-2002	F21-2060	F21-2062	F21-2063
1	Selection of project assignment	08	08	09	06	08
2	Planning and execution	04	09	08	07	09
3	Quality of performance	08	10	08	06	09
4	Providing solution of the problem or production of final product	07	10	08	05	09
5	Sense of responsibility	07	10	09	06	09
6	Self expression/communication/presentation skill	07	10	10	07	07
7	Interpersonal skill/human relations	08	10	10	04	06
8	Report writing skills	07	09	06	04	07
9	Vice viva	15	18	12	10	16
	Total	71	94	80	55	80

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Deptt. of Electrical Engg.
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A PROJECT REPORT ON SPLIT AIR CONDITIONER

Submitted for partial fulfillment of the Dept. of the Diploma in Electrical
Engineering)



Under the guidance of
MD SAMSUDDIN ANSARI
Lecturer in Electrical Engg.

GOVT. POLYTECHNIC BALANGIR

(2022-2024)

GOVT. POLYTECHNIC BOLANGIR		
DEPT. OF ELECTRICAL ENGINEERING		
PROJECT WORK CARRIED OUT GROUP 9		
SL No	Student Name	Regd No
1	JAYANTA BEHERA	L22110002005
2	JUNASH CHHATRIA	L22110002006
3	PRAHALLAD MEHER	L22110002007
4	RUPESH KUMAR SAHU	L22110002008
5	SWADHIN TUDU	L22110002010

Sl no	Performance criteria	Marks obtained				
		L22-2005	L22-2006	L22-2007	L22-2008	L22-2010
1	Selection of project assignment	9	8	8	8	8
2	Planning and execution	8	8	9	5	5
3	Quality of performance	7	6	9	6	5
4	Providing solution of the problem or production of final product	9	7	8	6	6
5	Sense of responsibility	8	4	9	7	7
6	Self expression/communication/presentation skill	7	6	8	8	7
7	Interpersonal skill/human relations	8	6	9	6	6
8	Report writing skills	9	4	9	4	5
9	Vice viva	13	13	17	14	17
	Total	78	62	86	64	66

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