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GOVERNMENT POLYTECHNIC, BARGARH.

At-Tentla, Po-Kantapali, Via-Bardol, Dist.:-Bargarh-768038 (Odisha) E mail Idgovpolybgr@gmail.com

Mandatory Disclosures

1. Name of the Institution:	GOVERNMENT POLYTECHNIC,BARGARH
Address:	At-Tentla,PO-Kantapali,Via-Bardol,Dist-Bargarh,Pin-768038,State-Odisha
Telephone:	9438258410
E-Mail:	govpolybgr@gmail.com

2. Name of the Trust/Society/Company:

State Council of Technical Education and Training, Odisha Unit-8, Near Raj Bhawan, Bhubaneswar, Odisha, 7511012, Post/PS- Nayapalli

Phone: 0674-2392913

3. Name of the Principal:	Er. PRANAB KUMAR PATTANIK
Address:	Principal, Govt. Polytechnic, Bargarh
	At-Tentla,PO-Kantapali,Via-Bardol,Dist-
	Bargarh,Pin-768038,State-Odisha
Telephone No:	9438258410
Mobile No:	9439434544
Email:	govpolybgr@gmail.com

4. Name of the Affiliating Council:

State Council of Technical Education and Training, Odisha

Unit-8, Near Raj Bhawan, Bhubaneswar, Odisha, 7511012, Post/PS- Nayapalli

Phone: 0674-2392913

5. Governance:

Members of Governing Body:

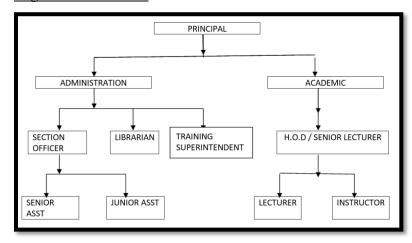
- 1) The Collector-cum-District Magistrate, Bargarh CHAIRMAN
- 2) Principal, Government Polytechnic Bargarh MEMBER SECRETARY
- 3) The Honorable MP,Bargarh -MEMBER
- 4) District Employment Officer ,Bargarh -MEMBER
- 5) Executive Engineer, R&B Division, Bargarh MEMBER
- 6) Executive Engineer, GHPD, Sambalpur MEMBER
- 7) Executive Engineer, WESCO, Bargarh MEMBER
- 8) Executive Engineer, GED-III, Sambalpur MEMBER
- 9) Regional Officer, ERO, AICTE, Kolkata MEMBER
- 10) Nominee of DTE&T,Odisha,Cuttuck-MEMBER
- 11) Nominee of SCET&VT,Odisha,Bhubaneswar -MEMBER
- 12) DGM(HR), ACC Cement Ltd, Bargarh MEMBER
- 13) Two nominated faculty members of Govt. Polytechnic, Bargarh-MEMBER

Frequency of the Board Meeting and Academic Advisory:

The Governing body meeting is held annually.

Year	Date of Governing Body
	Meeting
2019-20	13.09.2019
2020-21	30.12.2020
2021-22	17.06.2022

• Organizational Chart:



Principal is the administrative and financial head of the institute. Both teaching and non-teaching staff of the institute report him.

Teaching staff includes lecturers and Lab. Assistants.

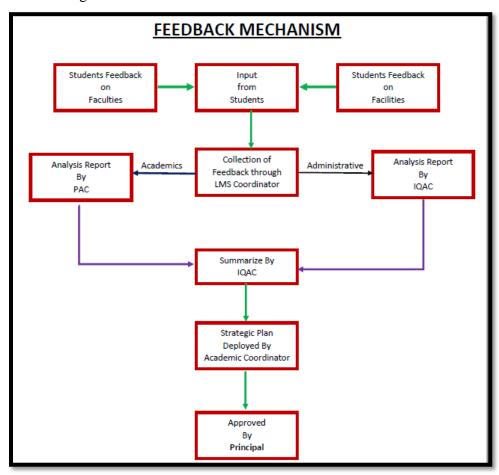
Non-teaching staff includes ministerial staff and outsourced staff.

Ministerial staff includes Section Officer and Junior Assistants.

Outsourced staff includes DEO,Peon, Hostel Attendant, Lady Matron, Driver-cum-Mechanic, Security Guards.

4. Student Feedback on Institutional Governance/ Faculty performance:

Feedback by students on governance/faculty performance are taken through manually as well as online in following format



GOVERNMENT POLYTECHNIC, BARGARH-768038

FEEDBACKFORM FOR TEACHERS EVALUATION BY STUDENTS

Academic Year:, Bran	chc	Semester:
Name of the Teacher:	Department:	Subject Taught:
IN THE FOLLOW	NG TABLE TICK $()$ THE APPROPRIATE CHOICE F	OR EACH POINT.

Ratio	v →	(Below	(Avg.)	(Good)	(Very	(Excellent)	
Subj	ect ↓	Avg.)		l	Good)		l
		1	2	3	4	5	
A.	Time Sense						
1	Punctuality in the Class]
2	Regularity in taking Classes]
3	Completes syllabus of the course in time						1
4	Makes alternate arrangement of class in his/her absence						ı
	Sub Total (A)						
В.	SUBJECT COMAND						
5	Focus on Syllabi						
6	Self Confidence						1
7	Communication Skills]
8	Conducting the Classroom Discussions]
9	Teaching the Subject Matter						J
10	Delivery of Structured Lecture						ı
11	Skill of Linking subject to life experience and creating interest in the subject						
12	Refers to latest developments in the field						1
	Sub Total (B)						1
C.	USE OF TEACHING METHODS/TEACHING AIDS						
13	Use of Teaching Aids (OHP/Blackboard/PPT's)						
14	Blackboard work in terms of visibility and legibility						1
15	Shows the evaluated answer books of class tests to the students						1
	Sub Total (C)						1
D.	HELPING ATTITUDE						
16	Helps Students in Providing Study Materials						
17	Helps Students irrespective of ethnicity and Culture/Background						1
18	Helps Students irrespective of gender						1
19	Helps Students in realizing career goals						1
20	Helps Students in realizing their strength and developmental needs						1
	Sub Total (D)						1
E.	CLASS CONTROL/MORAL VALUES AND ETHICS						
21	Students' Participation in the Class						
22	Ability to maintain Discipline in Class room						1
23	Skills of addressing inappropriate behavior of Students						1
24	Tendency of Inviting Opinion and Questions on Subject Mater from Students						1
25	Inspires Students for Ethical Conduct						ł
26	Acts as a Role Model		_				ł
20	Sub Total (E)	 	-	 			1
	Sub fotal (E)						

Additional Remarks if Any
×
Counterfoil of Teachers Evaluation Form
(Please cut along the dashed line and deposit it separately)
Name of the Student:Name of the Department:
Name of the Teacher who has been EvaluatedTitle of the Subject/Topic
Session: Semester: Branch: Roll No.
DateSignature of the Student

GOVERNMENT POLYTECHNIC, BARGARH-768038

FACILITIES FEEDBACK FORM FOR STUDENTS

Academic Year:	Brench:	Semester:
Department: (If the student filling the form has it	ess than 75% of attendance, he/she is requested no	et to fill the form)
IN THE FOLI	OWING TABLE TICK (√) THE APPROPRIATE CHOICE I	FOR EACH POINT.

Ratio	ng →	(Below	(Avg.)	Good	(Very	(Excellent)	Average
Subj	ect.↓	Avg.)			Good)		
		1	2	3	4	5	
A.	LIBRARY FACILITIES						
1	Availability of sufficient no of text and reference books]
2	Promptness in issuing books						
3	Availability of newspapers and journals						1
4	Availability of Reading rooms						
5	Observing silence in library]
6	Free WI-FI Internet facility in library and inside the campus.]
	Sub Total (A)						
В.	TOILETS AND SANITATION						
1	Separate Boys and Girls tollets.]
2	Cleanliness of toiles]
3	Water supply facility to toilets						
4	Lighting facility inside toilets.						1
5	Availability sufficient no. of pure drinking water outlets						1
	Sub Total (8)						
C.	Classrooms, labs, workshops and seminar halls						
1	Cleanliness of classrooms, labs, w/s and seminar halls.						
2	Availability of sufficient no of bench desk in classrooms.						1
3	Lighting facility in classrooms, labs, w/s, etc.						1
4	Visibility and clarity of writing board.						1
5	Availability of sufficient no of smart classes.						1
	Sub Total (C)						1
C.	VEHICLE PARKING						
1	Sufficient parking areas to park vehicles.						
2	Availability of security guards to keep watch of parked vehicles.						1
	Sub Total (C)						1
D.	CANTEEN						
1	Hygienic condition of food served						
2	Taste of food served						1
3	Reasonability of cost of food						1
4	Availability of drinking water inside the canteen]
	Sub Total (D)						1
E.	GYMNASIUM						
1	Availability of sufficient no of gymnasium equipment.						
2	Cleanliness of gymnasium]
3	Availability of music system for gym beats in gym]
4	Ventilation facility in gym						1
	Sub Total (E)						1
F.	SPORTS AND GAMES						
1	Availability and condition of playgrounds						
2	Availability of sufficient no of games and sports items						1
3	Helping nature and Activeness of PTI/Sports Officers						1
	Sub Total (F)						1

P.T.O.

distribution in the second	ng →	(Below	(Avg.)	(Good)	(Very Good)	(Excellent)	Average
Sub	ect ↓	Avg.)	2	3	4	5	
G.	CULTURAL CLUB						
1	Carrying out of various cultural programs						l
2	Availability of facilities like light, sound, etc. to conduct cultural events.	l	l	l	l		l
3	Conduct of different cultural programs like dance, song, etc.				_		ł
3	Sub Total (G)	 			_		l
н.	DRAMA CLUB						
1	Conduct of drama in institution						
2	Participation in inter-institution drama competition						1
3	Participation in drama competition conducted by other clubs and						1
	societies.						l
	Sub Total (H)						
L.	ECO CLUB						
1	Cleanliness of the institution campus.				-		l
2	Greenery of the Institution.						1
4	Carrying out plantation programs. Proper water supply facilities for the plants.				_		1
-	Sub Total (I)	 		 			1
J.	SOCIAL WELFARE CLUB						
1	Activeness of social welfare club						
2	Carrying of programs like Blood donate camp, CM Fund Donation,						1
	charity donation, etc.						l
3	Carrying out of awareness programs like road safety week, Van						1
	Mahotsav week, etc.						l
	Sub Total (J)						
к.	QUALITY CIRCLE CLUB						
1	Approach of faculties to identify and analyze problems of students.	I	ı	I	ı	l	l
2	Measures taken to sort out such problems.	 	_	 	 		ł
3	Role of faculties in overall improvement of the students.						1
4	Role of faculties in providing better quality of study materials.						1
	Sub Total (K)						1
	OVERALL AVERAGE						
	Additional Remarks if Any	<u> </u>					
							_
	<u>Counterfoil of Facilitie</u> (Please cut along the dashed line Name of the Student:	e and depor _Name of ti	ick Form ilt it separ he Depart	nately) ment:			
	Counterfoil of Facilitie (Please cut along the dashed line Name of the Student:	es Feedba	ick Form ilt it separ he Depart	nately) ment:		of the Student	

Establishment of Committees:

Various Committees have been formed to look after various areas for the smooth functioning of the institute. The committees are as follows;

♣ Grievance Redressal Committee for students and staff

1. Principal, Govt. Polytechnic, Bargarh
2. Mrs A. Brahma, Senior Lecturer, I.T.
3. Sri S.K. Sahoo, HOD (Electrical)
4. Sri G. Badhei, HOD (math &Sc)
5. Sri S. Meher, HOD (Civil)
6. Miss S.S. Adabar, HOD (Mechanical)
7. Section Officer
Chairman
Member
Member
Member
Member
Member
Member

4 Anti-Ragging Committee:

Sl NO	NAME	Designation
1	Sri P.K. Pattanaik, Principal, Govt. Polytechnic, Bargarh	Chairman
3	Sri P.P. Minz, HOD (Electrical Dept.)	Member
4	Miss S.S. Adabar, HOD (Mechanical Dept.)	Member
5	Sri S. Meher, HOD (Civil Dept.)	Member
6	Sri G. Badhei, HOD (Math & Science Dept.)	Member
7	Mrs A. Brahma, Senior Lecturer, IT	Member
8	Mrs. D. Khamari, Lecturer, English	Member
	Sri N.K. Acharya, Lecturer, Electrical	
9	Sri B.K.Bag, Section Officer	Member
10	Alisha Begum, Student (2 nd year, Electrical)	Member
11	Beda Prasad Mistry, Student, (3 rd year, Mechanical)	Member
12	Sri Sanjib Kumar Meher, Tahsildar, Bargarh	Member
13	Sri Jibardhan Pradhan, Parent	Member
14	M.D. Alim, Parent	Member
15	Sri Prafulla Kumar Rath, Retired Sub Inspector, Bargarh	Member
16	Sri A. C. Samanta, NGO Official, CSW, Bargarh	Member
17	Sri Deepak Sharma, Reporter, OTV, Odisha	Member

♣ Anti-Ragging Squad:

An **Anti-ragging Squad** is hereby constituted in favour of Govt. Polytechnic, Bargarh comprising of the following members as follows.

1.	Sri D. Patra, Lect.(Electrical)	-Chairman
2.	Sri N. Nayak, Lect. (AE&I)	-Member
3.	Sri J.K. Malik, Lect. (Math)	-Member
4.	Smt. B. Mohanty, Lect. (Computer Science)	-Member
5.	Miss U. Pradhan (Civil)	-Member
6.	Sri B.K. Bag, Section Officer	-Member

♣ Internal Complaint Committee(ICC):

An **Internal Complaint Committee** is hereby constituted in favour of Govt. Polytechnic, Bargarh comprising of the following members as follows:

SI	NAME	Designation
NO 1	Mrs A. Brahma, Senior Lecturer, IT	Presiding
		Officer
2	Sri P.P. Minz, HOD (Electrical Dept.)	Member
3	Sri G. Badhei, HOD (Math & Science Dept.)	Member
4	Sri S. Meher, HOD (Civil Dept.)	Member
5	Miss S.S. Adabar, HOD (Mechanical Dept.)	
6	Mrs U. Pradhan, Lecturer (Civil)	
7	Sri B.K.Bag, Section Officer	Member
8	A.C. Samanta, NGO official, CSW, Bargarh	Member
9	Barsha Suna, Student (3rd year, Mechanical)	Member
10	Anwesha Mishra, Student (2nd year, Civil)	Member
11	Sushree Suchismita Sahoo, Student (2nd year, Electrical)	Member
12	Sri P.K. Nayak, Jr. Clerk	Member

♣ Commitee for SC/ST:

A **Committee for SC/ST** is hereby constituted in favour of Govt. Polytechnic, Bargarh comprising of the following members as follows.

SI NO	NAME	Designation
1	Sri P.K. Pattanaik, Principal, Govt. Polytechnic, Bargarh	Chairman
2	Sri P.P. Minz, HOD (Electrical Dept.)	Member
4	Sri S. Meher, HOD (Civil Dept.)	Member
5	Sri D. Patra, Lect.(Electrical Dept.)	Member
6	Mrs U. Pradhan , Lecturer (Civil)	Member
7	Smt. S. Behera, lect. (Chemistry)	Member
8	Sri J.K. MAlik, Lecturer (Mathematics)	Member
9	Sri B.K.Bag, Section Officer	Member

♣ Internal Quality Assurance Cell:

The **Internal Quality Assurance Cell (IQAC)** is hereby constituted in favour of Govt. Polytechnic, Bargarh comprising of following members.

Sl NO	NAME	Designation
1	Sri P.K. Pattanaik, Principal, Govt. Polytechnic, Bargarh	Chairman
3	Mrs A. Brahma, Senior Lecturer, IT	Convenor
4	Miss S.S. Adabar, HOD (Mechanical Dept.)	Member
5	Sri S. Meher, HOD (Civil Dept.)	Member
6	Sri G. Badhei, HOD (Math & Science Dept.)	Member
7	Sri P.P. Minz, HOD (Electrical Dept.)	Member
8	Ayush Badhei, Student	Member
	Nihar Ranjan Singh, Student	Member
9	Samant Kumar	Parent
10	Rajesh Grewal, Industrialist, Rice Milling Industries	Industrialist
11	Anita Bibhar, Alumni	Member

Appointment of OMBUDSMAN: Er.NalaBhoi(Former Joint Director (Academic), DTE&T, Odisha, Cuttack is appointed as OMBUDSMAN in favour of Govt. Polytechnic, Bargarh.

Online Grievance Redressal Mechanism(https://govtpolytechnicbargarh.edugrievance.com/)

6. Programmes:

Name of the Programme: Engineering and Technology

Name of the Level: Diploma in Engineering

Total Number of courses: The institute is having three(03) courses.

For 1st Semester:

Sl No	Name of the courses	Intake sanctioned by AICTE	Duration
		•	
1	Civil Engineering	60	03 years
	8 8		•
2	Electrical Engineering	60	03 years
_			32 J 3323

3	Mechanical Engineering	60	03 years
Ana	rt from above seats, there are th	ree (03) TFW and six (06) FW	/S seats in each course
1100	triom above seats, there are th	iree (03) II W and Six (00) LV	5 scats in each course.

For 3rd Semester(Lateral Entry):

Sl No	Name of the courses	Intake sanctioned	Duration
1	Civil Engineering	6	02 years
2	Electrical Engineering	6	02 years
3	Mechanical Engineering	6	02years

NBA Accreditation Status-Applied for Electrical Engineering Course

<u>Cut off marks for Admission(1st Semester):</u>

Admission	Branch	Branch Cut-off percentage		
Year	_	General/0BC	ST	SC
2018	Civil	36	36.66	38
	Electrical	36.83	40	38
	Mechanical	36.50	39	38
2019	Civil	53.50		40.67
	Electrical	60	38.00	38.50
	Mechanical	61.50	40.50	36.83
2020	Civil	48.67		40.5
	Electrical	53.5	41.67	40.83
	Mechanical	53.17	46.50	35.00
2021	Civil	35.00	37.33	
	Electrical	40.17	39.17	36.00
	Mechanical	35.67	40.00	39.17

2022	Civil	33.00		33.00
	Electrical	41.17	33.00	33.00
	Mechanical	40.00	38.40	33.67

Placement Data:

Passout Year	Branch	No of placements	Minimum Salary(in lacs)	Maximum Salary(in lacs)	Average Salary(in lacs)
2018	Civil	03	1.2	1.8	1.5
	Electrical	09	1.5	1.8	1.65
	Mechanical	20	1.5	1.8	1.65
2019	Civil	02	1.2	1.8	1.5
	Electrical	12	1.5	1.8	1.65
	Mechanical	60	1.5	2.5	2
2020	Civil	03	1.2	1.8	1.5
	Electrical	15	1.5	2.8	2.15
	Mechanical	21	1.5	1.8	1.65
2021	Civil	05	1.2	1.2	1.2
	Electrical	10	1.3	1.3	1.3
	Mechanical	32	1.4	1.4	1.4
2022	Civil	Nil			
	Electrical	24	1.4	2.8	1.6
	Mechanical	36	1.4	1.68	1.5

7. Faculty List:

Branch	Permanent Faculty	Adjunct Faculty	Guest Facuty(PTGF)
Civil Engg.	1.Sanjeev Kumar Meher 2. Utkalika Pradhan	NIL	1.Manasi Pradhan 2.Priyajit Behera 3.
Electrical Engg.	1. Shishir Kumar Sahoo 2. PreetiPravaMin z 3. Nitesh Kumar Acharya 4. Deepak Patra 5. NiranjanNayak 6. Rashmita Gouda	NIL	 Shriyanka Mishra Swati Agrawal Binayak Satpathy
Mechanical Engg.	 SabitaraniSahu Shradha Suman Adabar Subhasis Sahoo 	NIL	 Arun Kumar Sahu Chitta Ranjan Meher Shekhar Sahu
Math & Sc. Dept.	1.GourangaBadhei 2.Anitarani Brahma 3. DamayantiKhamari 4. BananiMohanty 5.Sushreeta Behera 6. Jitendra Kumar Malik 7. Supriya Mishra	NIL	1.Pooja Sahu

8. Profile of Principal/Faculty:

Name: Pranab Kumar Pattanaik

Qualification: Mtech, Machine Design

Contact No: 9439434544

Mail Id: govpolybgr@gmail.com

9. Fee structure (Approved by Govt. of Odisha):

Category	Amount(Rs.) per year		
General/OBC	Rs.5800/-		
SC/ST(Parents annual income more than Rs.250000/-)/TFW/EWS	Rs.3300/-		
SC/ST(Parents annual income less than Rs.250000/-)/	Rs.800/-		

Scholarship Data:

Sl No	Name of scholarship	Criteria for eligibility	Duration	Amount(Rs.)
1	Prerana(PMS)	1.Parents annual income less than 2.5 lakhs PA(for all catagory).	10 months per year	UptoRs.6000/-
		2.Resident of Odisha3. Atleast secured 50% marks in the last exam for OBC students.		
2	BOC	1.Guardian must have valid labour card.	10 months per year	UptoRs. 24000/-
3.	Pragati (NSP)	1.Only for girl students 2.Must have passed 10 th exam on or after 2018. 3.Parents annual income less than 8 lakhs per annum.	10 months per year	Upto Rs.50000/-

4	Saksham(NSP)	1.For Divyang students 2.Must have passed 10 th exam on or after 2018. 3.Parents annual income less than 8 lakhs per annum	10 months per year	Upto Rs.50000/-
5	Minority(NSP)	1.For minority students. 2. Parents annual income less than 2.5 lakhs PA. 3. Atleast secured 50% marks in the last exam.	10 months per year	Upto Rs.6000/-
6	Merit-cum-Poverty	1.Atleast secured 60% marks in last exam. 2.Parents annual income less than 4.5 lakhs PA.	10 months per year	Rs.3000/-
7	EBMS	Selected by SCTE&VT,Odisha on merit basis.	10 months per year	Rs.6000/-
8	Welfare Scheme	1.Death of guardian during study period.	Onetime during the diploma level	Upto Rs.44000/-

Hostel Fees:

Hostel Type	Capacity	Yearly Hostel Admission Fee	Approx. Mess Charges per month
Boys Hostel	100	Rs.3000/-	Rs. 1800/-
Girls Hostel	100	Rs.3000/-	Rs. 1800/-

10. Admission:

Admission Year	Branch	Admitted Figure
2018	Civil	63
	Electrical	63
	Mechanical	63
2019	Civil	63
	Electrical	63
	Mechanical	63
2020	Civil	42
	Electrical	62
	Mechanical	60
2021	Civil	60
	Electrical	60
	Mechanical	60
2022	Civil	60+03(TFW)
	Electrical	60+03(TFW)
	Mechanical	60+03(TFW)

11. Admission Procedure:

- The candidates can apply online for admission in diploma. For registration the candidate has to visit http://skill.samsodisha.gov.in/Diploma.aspx
- The details of the admission procedure is available in www.dtetodisha.gov.in

12. Criteria of Admission:

Candidates can check their eligibility for the course they are applying:

Admission to 1st Semester Diploma in Engineering/Technology:

- Qualifying Exam: Candidates must qualify the HSC/10th examination from the recognized board and university of BSE, Odisha.
- Minimum Marks: Candidate must pass in Math, Science and English and 30% marks in each subject.

• Age: age of the candidate must be 14 years for all courses except mining & drilling.

Admission to 3rd Semester (Lateral Entry) Diploma in Engineering & Technology:

- Qualifying Exam: Passed +2 Sc.or equivalent with PCM subjects from Council of Higher Secondary Education, Odisha or 2-year ITI pass.
- Minimum Marks: Candidate must pass 10th with minimum 30% marks from BSE, Odisha.
- Age Criteria: The minimum age limit for this course is 14 years.
- No upper age limit is applicable.

13. List of Applicants

14. Result of Admission Under Management seats/Vacant seats:NA

15. Information of Infrastructure and Other Resources Available:

Number of class rooms, Tutorial rooms, Laboratories, Drawing Hall, Computer Center, and size of each

<u>Information of Infrastructure and Other Resources Available</u>

IIIIOIIII	ation of infrastructure at	id Other Resources Avail	able
SI No	Room No	Room Type(Class room/Tutorial Room/Lab)	Carpet Area in (Sq. Mtr)
1	C-1	Class Room	68
2	C-2	Class Room	68
3	C-3	Class Room	68
4	C-4	Class Room	68
5	C-5	Class Room	68
6	C-6	Class Room	68
7	C-7	Class Room	68
8	C-8	Class Room	68
9	C-9	Class Room	68
10	LAB-1	Laboratory	118
11	LAB-2	Laboratory	116
12	LAB-3	Laboratory	94
13	LAB-4	Laboratory	70
14	LAB-5	Laboratory	108
15	LAB-6	Laboratory	108
16	LAB-0	Auto CAD Lab	117
17	LAB-7		100
	LAB-9	Laboratory	
18	LAB-10	Laboratory	100
19	LAB-10 LAB-11	Laboratory	100
20	LAB-11	Laboratory	100
21	LAB-12 LAB-13	Laboratory	100
22		Laboratory	100
23	LAB-14	Laboratory	100
24	LAB-15	Laboratory	100
25	LAB-16	Laboratory	100
26	LAB-17	Laboratory	100
27	LAB-18	Laboratory	100
28	SEM-1	Seminar Hall	152
29	T-1	Tutorial Room	36
30	T-2	Tutorial Room	46
31	Т-3	Tutorial Room	46
32	WS-1	Workshop	112
33	WS-2	Workshop	108
34	WS-22	Workshop	108
35	D1	Drawing Hall	200
36	D2	Drawing Hall	224
37	CS-1	Computer Centre	116
38	LIB-1	Library & Reading Room	116
39	LIB-2	Library & Reading Room	224
40	A-1	Principal Directors Office	40
41	A-1	Principal Directors Office	40
42	A-2	Faculty Room	16
43	A-3	Department Office	42
44	EXAM-1	Exam Control Office	46
45	HK-1	Housekeeping	15
46	MAINT-1	Maintenance	15
47	OFFICE	Office all Inclusive	198
48	SEC-1	Security	12
49	STORE	Central Store	46
50	TS-1	Placement Office	42

OFFICE OF THE TAHASILDAR, BARGARH OCCUPANCY CERTIFICATE

Certified that, The buildings belonging to Govt. Polytechnic, Bargarh viz Administrative, Academic, Workshop, Boy's Hostel, Girl's Hostel, Staff Quarters Cafeteria, SRBSETI Bargarh are covering total an area of 10 acres. The whole area has been occupied by Govt. Polytechnic, Bargarh. The details of land allotted is as follows:-

				Araa	Kisam.
Name of the Recorded	Village.	Khata No.	Plot No.	Area.	Patita
Tenants. Silpa Bhibaga (Govt.	Tentela	124/538	224/2310	Ac.10.00	Patito
Polytechnic, Bargarh)					

Memo No. 1050 Dt. 4/2/17

Tahasildar, Bargarh IAHASILDAR BARGAR!

Copy to Principal, Govt. Polytechnic, Bargarh for favour of information and necessary action.

raha HASILBAR BARGARH



OFFICE OF THE FIRE OFFICER, NORTHERN RANGE, SAMBALPUR

Phone- 0663-2546050, Fax- 0663-2546056, E-mail- fonr-sbp@gov.in

FORM-V

FIRE SAFETY CERTIFICATE

(See rule-13 (3) of the Odisha Fire Prevention and Fire Safety Rules, 2017)

File No. G-52-2017 Certificate No. 81/2021/NR (FPW)

Dated, 18.05,2021

This Certificate is valid up to 17.05.2023
(Apply for renewal at least three months before expiry)

Certified that the Govt. Polytechnic, Bargarh, At- Tentala, Po- Kantapali, Via-Bardol, Dist- Bargarh consisting of total 02 nos. (Two) buildings were inspected by Officers of Odisha Fire Service on 25.12.2018 & 19.02.2021 in presence of authorized representative of the institution and it has been found to comply with the fire prevention and safety requirements in accordance with the Odisha Fire Prevention & Fire Safety Rules, 2017 read with the Odisha Fire Prevention & Fire Safety (Amendment) Rules, 2019 and Home Department Notification No. 28550/CD, Bhubaneswar Dtd. 28.08.2020 (One time relaxation scheme of Odisha Fire Service). Hence, its various floors are fit from fire safety point of view for occupancy or usage as noted hereunder against each, subject to compliance to the conditions as prescribed herein below:-

1.	G+1 floor Academic Building	Usage	Educational
2.	G+1 Workshop Building	Usage	Educational

Conditions :-

- Fire Prevention and safety measures and appliances, availability of water supplies and means of
 access thereto etc. provided in the building or premises, should be maintained by the
 occupier (s) in best repairs and efficient working condition at all times for use by the occupants
 or the members of the Fire Service or both in the event of outbreak of fire.
- 2. The setbacks, driveways, entrance gates, exits, staircases, corridors and escape ways should not be changed, obstructed or modified in any way.
- The occupier (s) shall train all staff and occupants periodically to make them well conversant in use and operation of the fire prevention and safety measures.
- 4. Fire Drills/rehearsals should be organized at least once in six months by involving local Fire Station.
- 5. Photocopies of this certificate should be framed and displayed at all conspicuous places in all lobbies/corridors in all floors of all towers/blocks of building/premises.

By order of the Director of Fire Service

Northern Range, Sambalpur.

/allidity-unknown

Name & Designation of the issuing Officer :- Debendra Kumar Swain, Fire Officer

Library Facilities:

- The institute is having number of books for all the courses and magazines.
- E-library facility is also available having internet connectivity.
- Registered under National Digital Library (NDL).

Laboratory:

Sl	Name of the	Name of the Laboratory
No	Branch	
1	Civil Engg.	1.Civil Engineering Laboratory
		2.Structural Engineering Laboratory
		3.Survey Store
		4.CAD-CAM Lab
2	Electrical	1.Basic Electrical Engg. Laboratory
	Engg.	2.Basic Electronics Engg. Laboratory
		3.Power electronics& PLC Lab
		4. Anolog electronics Lab
		5.Digital electronics Lab
		6. Microprocessor Lab
		7. Electrical Machine Lab
		8.Circuit Theory Lab
		9. Simulation Lab
		10. Electrical Workshop
3	Mechanical	
	Engg.	1.FMHM Lab
		2.Workshop
		3.RAC Lab
		4.Mechanical Engineering Lab
		5. Thermal engg. And Theory of machine lab
4	Math & Sc.	1.Communicative English Lab
	Dept.	2.Chemistry Lab
		3.Physics Lab
		4.Smart Classroom
		5. CA lab

▲ List of Major Equipments in various laboratories:

Sl No	Name of the Lab	Major Equipments
1	Civil Engineering	1.Triaxial Shear Test apparatus
	Laboratory	2.Los Angeles Apparatus
		3. BitumenDuctility Test apparatus
		4.Centrifuge Extractor for bitumen Content
		5.Permeability apparatus
		6.Plate Load test apparatus
		7.Sieve Shaker
		8.Consolidation Test apparatus
		9. CBR test apparatus
2	Structural	1.Universal Testing Machine
	Engineering Laboratory	2.Compression Testing Machine
		3.Concrete mortal Cube Vibrator
		4. Ultrasonic Pulse Velocity Tester
3	Survey Store	1.Total station
		2.Digital Theodolite
		3.Auto Level
		4.Plane Table
		4.Compass
4	CAD-CAM Lab	1.Computers
		2.Plotter
5	Electrical Machine	1.DC shunt motor
	Lab	2.DC series motor
		3.DC compound motor
		4.DC compound motor-alternator set
6	Circuit Theory Lab	 Trainer Kit for theorem Trainer kit for parameters
		3. Trainer kit for filter circuit

7	Digital electronics Lab	1.Trainer kit for various gates
8	Power electronics& PLC Lab	1.SCR,DIAC,TRIAC module 2.Cycloconvertor module 3. Chopper module 4.Invertor module 5. Trainer kit for PLC
9	Simulation Lab	1.Computer with MATLAB software
10	Basic Electrical Lab	1.Workbench 2.Trainer kit for KCL,KVL,Ohm's Law 3.Switch board Connection
11	Basic Electronics Lab	1.CRO 2.DSO 3.Function generator
12	Analog electronics Lab	1.CRO 2.DSO 3.Trainer kit for BJT,MOSFET,OPAMP
13	Microprocessor Lab	1.8085 microprocessor trainer kit& its interfacing
14	FMHM Lab	1.Bernoulli's apparatus 2.Losses in pipes apparatus 3. Venturimeter apparatus 4.Pitot's tube apparatus 5.Hydraulic RAM apparatus 6.Notch apparatus 7.Francis Turbine 8. Impulse turbine 9.Reaction turbine 10. Centrifugal pump 11.Reciprocating Pump

15	Workshop	1.Centre Lathe
		2.Turret Lathe
		3.Surface milling machine
		4.grinding machine
		5.TIG welding machine
		6.Arc welding machine
		9.Drilling machine
16	RAC Lab	1. Split AC test RIG
		2. Window AC test RIG
		3. Water cooling apparatus
		4. Heat pump apparatus
		5. Heat Engine apparatus
		6. AC fault simulator
		7. Vapour Compression-absorption apparatus
17	Mechanical	1.UTM
	Engineering Lab	2.Impact Testing Machine
		3.Torsion Testing machine
		4. Hardness Testing machine

Computing facilities:

Internet Bandwidth	40 MBPS BSNL Lease line
	50 MBPS AIRTEL ILL
No of PCs	125 (all are connected through LAN)
Mojor software packages available	Staadpro,MATLAB,Auto
	CAD,C++,C,Simulink,Ni-Multisim, GIS, MS-
	Project
Special Purpose facilities available	PMU cell, Smart Class
Innovation Cell	Available
Social Media Cell	Available
National Academic Depository	Swayam, YUKTI, NPTEL

List of Facilities:

- Playground available
- Badminton court available
- Volley ball court available
- Cultural club available
- Bus facilities
- Separate hostels for boys & girls
- Cafeteria

Teaching Learning Process:

Classes are conducted as per the time table for various semesters.

Curriculum and syllabus for each of the Programmes as approved by the University:

Curriculum is designed and circulated by SCTE&VT,Odisha,Bhubaneswar for all the three(03) courses.

	STATE COUNCIL FOR	TECHN	IICAL	EDUCA	ATION AND VOC	ATIONAL TI	RAINING, OI	DISHA
TEACHI	NG AND EVALUATION SCHEME	FOR 1	st Sen	nester ((COMMON TO ALL E	NGINEERING	G COURSES)(wef 2018-19)
Subject Code	Subject	Periods/week			Evaluatio	n Scheme		
		L	Т	Р	Mid Sem Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	Total
[Theory							
Th.1a Th.1b	Communicative English <i>OR</i> Computer Application	4	-	-	20	80	3	100
Th.2a Th.2b	Engineering Physics OR Enggineering Chemistry	4	-	-	20	80	3	100
Th.3	Engineering Mathematics-I	5	1	-	20	80	3	100
Th.4 Th.4a&b	Engg. Mechanics OR Basic Electrical & Electronics Engg.	4			20	80	3	100
Í	Total	17	-		80	320	-	400
	Practical						•	
Pr.1a Pr.1b	Comm. English Lab OR Computer application Lab	-	-	4	50	-	-	50
Pr.2a Pr.2b	Engg. Physics Lab OR Engg. Chemistry Lab	-	-	4	50	50	3	100
Pr.3a	Engineering Drawing OR	-	-	6	50	100	3	150
Pr.3b	Workshop Practice						4	50
Pr.4	Seminar			4	50			50
	Student Centred Activities(SCA)		-	3	-	-	-	-
	Total	-	-	21	200	150	-	350
	Grand Total Abbreviations: L-Lecture	17	1	21	280	470	-	750

Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Angregate is 40%

SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ cultural activities/Library studies etc. Seminar and SCA shall be conducted in a section.

There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester

In Th.4a&b Basic Electrical & Electronics Engg. paper there shall be examination in separate Answer books for Th.4a Basic Electrical Engg. and Th.4b Basic Electronics Engg. in the same sitting

	STATE COUNCIL FOR	TECHN	NICAL	EDUCA	ATION AND VOC	ATIONAL T	RAINING, OD	ISHA
TEACHI	NG AND EVALUATION SCHEME	FOR 2	nd Ser	nester (COMMON TO ALL	ENGINEERIN	G COURSES)(v	wef 2018-19)
Subject Code	Subject	Periods/week			Evaluatio	n Scheme		
		L	Т	Р	Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	Total
	Theory	•	•			•		
Th.1a Th.1b	Communicative English <i>OR</i> Computer Application	4	-	-	20	80	3	100
Th.2a Th.2b	Engineering Physics OR Enggineering Chemistry	4	-	-	20	80	3	100
Th.3	Engineering Mathematics-II	5	1	-	20	80	3	100
Th.4 Th.4a&b	Engg. Mechanics OR Basic Electrical & Electronics Engg.	4			20	80	3	100
	Total	17	1		80	320	-	400
	Practical		•					
Pr.1a Pr.1b	Comm. English Lab OR Computer application Lab	-	-	4	50	-	-	50
Pr.2a Pr.2b	Engg. Physics Lab OR Engg. Chemistry Lab	-	-	4	50	50	3	100
Pr.3a Pr.3b	Engineering Drawing OR Workshop Practice	-	-	6	50	100	3 4	150
Pr.4	Seminar			4	50		4	50
11.4	Student Centred Activities(SCA)		-	3	-	-	-	-
	Total	-	-	21	200	150	-	350
	Grand Total	17	1	21	280	470	-	750

Abbreviations: L-Lecturer, T-Tutorial, P-Practical. Each class is of minimum 55 minutes duration

Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%

SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ cultural activities/Library studies etc. Seminar and SCA shall be conducted in a section.

There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester

In Th.4a&b Basic Electrical & Electronics Engg. paper there shall be examination in separate Answer books for Th.4a Basic Electrical Engg. and Th.4b Basic Electronics Engg. in the same sitting

Mechanical Engineering

		STATE COUNCIL FOR TECH	NICAL	EDUC	ATION	AND VOCATION	AL TRAINING	, ODISHA	
	TEA	CHING AND EVALUATION SO	HEME	FOR 3	rd Sen	nester Mechanica	al Engg.(wef	2019-20)	
Subject	Subject	Subject	Pe	riods/w	eek		Evaluation	n Scheme	
Number	Code		L	Т	Р	Internal	End Sem	Exams	Total
						Assessment/ Sessional	Exams	(Hours)	
		Theory							
Th.1		Production Technology	4		-	20	80	3	100
Th.2		Strength of Material	4		-	20	80	3	100
Th.3		Engineering. Material	4		-	20	80	3	100
Th.4		Thermal Engineering-I	4			20	80	3	100
Th.5		Environmental studies	4			20	80	3	100
		Total	20			100	400	-	500
		Practical							
Pr.1		Mechanical Engg. Drawing	-	-	6	25	50	3	75
Pr.2		Mechanical Engg. Lab-I	-	-	4	25	50	3	75
Pr.3		Workshop-II	-	-	6	50	50	4	100
		Student Centred Activities(SCA)		-	3	-	-	-	-
		Total	-	-	19	100	150	-	250
		Grand Total	20	-	19	200	550	-	750

Abbreviations: L-Lecturer, T-Tutorial, P-Practical. Each class is of minimum 55 minutes duration

Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%

SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ cultural activities/Library studies/Classes on MOOCS/SWAYAM etc. ,Seminar and SCA shall be conducted in a section.

There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester

		STATE COUNCIL FOR TECH	INICAL	EDUC	ATION	AND VOCATION	AL TRAINING	, ODISHA	
	TEAC	HING AND EVALUATION SCH	IEME F	OR 4t	n Sem	ester (Mechanica	l Engg.) (we	f. 2019-20)	
Subject	Subject	Subject	Pe	riods/w	eek		Evaluatio	n Scheme	
Number	Code		L	Т	Р	Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	Total
		Theory							
Th.1		Theory of Machine	4		-	20	80	3	100
Th.2		Manufacturing Technology	4		-	20	80	3	100
Th.3		Fluid Mechanics	4		-	20	80	3	100
Th.4		Thermal Engg-II	4		-	20	80	3	100
		Total	16			80	320	-	400
		Practical							
Pr.1		Theory of Machine and Measurement lab	-	-	6	25	75	3	100
Pr.2		Mechanical Engg. Lab-II	-	-	6	25	75	3	100
Pr.3		Workshop-III	-	-	6	50	50	4	100
Pr.4		Technical Seminar			2	50			50
		Student Centered Activities(SCA)		-	3				
		Total	-	-	23	150	200	-	350
		Grand Total	16	-	23	230	520	-	750

Abbreviations: L-Lecturer, T-Tutorial, P-Practical . Each class is of minimum 55 minutes duration

Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%

SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ cultural activities/Library studies/Classes on MOOCS/SWAYAM etc. ,Seminar and SCA shall be conducted in a section.

		STATE COUNCIL FOR TECH	INICAL	. EDUC	ATION A	ND VOCATIONAL	L TRAINING, O	DDISHA	
		TEACHING AND EVALUATION	N SCH	EME F	OR 5th S	Semester (Mechani	cal.) (wef 2020	-21)	
Subject	Subject Code	Subject	Pe	riods/we	eek		Evaluatio	on Scheme	
Number			L	T	P	Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	Total
		Theory							
Th.1		Entrepreneurship and Management & Smart Technology	4		-	20	80	3	100
Th.2		Design of Machine elements	4		-	20	80	3	100
Th.3		Hydraulic Machines &Industrial Fluid Power	4		-	20	80	3	100
Th.4		Mechatronics	4			20	80	3	100
Th.5		Refrigeration and air- conditioning	4			20	80	3	100
		Total	20			100	400	-	500
		Practical							
Pr.1		Refrigeration and Air conditioning lab	-	-	4	25	50	3	75
Pr.2		Hydraulic machines &Industrial Fluid power lab	-	-	4	25	50	3	75
Pr.3		CAD/CAM LAB	-	-	4	25	50	3	75
Pr.4		Project Work Phase -I		-	4	25	-	-	25
		Student Centered Activities (SCA)			3				
		Total	-	-	19	100	150	-	250
		Grand Total	20	-	19	200	550	-	750

Abbreviations: L-Lecturer, T-Tutorial, P-Practical. Each class is of minimum 55 minutes duration

Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%

SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ cultural activities/Library studies/Classes on MOOCS/SWAYAM etc., Seminar and SCA shall be conducted in a section.

There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester

		STATE COUNCIL FOR TECHN TEACHING AND EVALUATION							
Subject	Subject			riods/we			00/\	on Scheme	
Number	Code		L	T	P	Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	Total
		Theory							
Th.1		INDUSTRIAL ENGINEERING & MANAGEMENT	4		-	20	80	3	100
Th.2		AUTOMOBILE ENGINEERING AND HYBRID VEHICLES	4		-	20	80	3	100
Th.3		POWER STATION ENGINEERING	4		-	20	80	3	100
Th.4		ELECTIVE (any One)	4			20	80	3	100
Th.4(a)		COMPOSITE MATERIALS							
Th.4(b)		ADVANCE MANUFACTURING PROCESSES							
Th.4(c)		INDUSTRIAL ROBOTICS & AUTOMATION							
		Total	16			80	320	-	400
		Practica1							
Pr.1		AUTOMOBILE ENGINEERING LAB	-	-	4	50	50	3	100
Pr.2		POWER STATION ENGINEERING LAB	-	-	4	25	50	3	75
Pr.3		PROJECT WORK PHASE -II		-	10	50	100	3	150
Pr.4		LIFE SKILL	-	-	2	25	-	-	25
		STUDENT CENTERED ACTIVITIES (SCA)			3				
		Total	-	-	23	150	200	-	350
		Grand Total	16	-	23	230	520	_	750

Abbreviations: L-Lecturer, T-Tutorial, P-Practical. Each class is of minimum 55 minutes duration

Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%

SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ cultural activities/Library studies/Classes on MOOCS/SWAYAM /Idea Tinkering and Innovation Lab Practice etc. ,Seminar and SCA shall be conducted in a section.

There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester

Civil Engineering

Subject	Subject	Subject	Period	ls/week		Evaluation Scheme				
Numbe r	Code		L	Т	P	Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	Total	
		Theory								
Th.1		Structural Mechanics	5		-	20	80	3	100	
Th.2		Geotechnical Engineering	4		-	20	80	3	100	
Th.3		Building materials & Construction Technology	5		-	20	80	3	100	
Th.4		Estimation &Cost Evaluation- I	4			20	80	3	100	
Th.5		Environmental studies	4			20	80	3	100	
		Total	22			100	400	-	500	
		Practical		-	-	'	<u> </u>	•	_	
Pr.1		Civil Engg. Lab-I	-	-	6	50	100			
Pr.2		Civil Engg. Drawing-I	-	-	5	25	50			
Pr.3		Estimation Practice-I (Computer- Aided)	-	-	3	25				
		Student Centered Activities(SCA)		-	3	-	-	-	-	
		Total	-	-	17	100	150	-	250	
		Grand Total	22	-	17	200	550	-	750	

Abbreviations: L-Lecturer, T-Tutorial, P-Practical. Each class is of minimum 55 minutes duration

Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%

SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ Cultural activities/Library studies/Classes on MOOCS/SWAYAM etc., Seminar and SCA shall be conducted in a section.

There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of

individual different jobs/ experiments in a subject throughout the semester

		COUNCIL FOR TECHN						,	ISHA
	TE	ACHING AND EVALUATION S	CHEME	FOR 4	th Sem	ester (Civil Engin	eering)(wef 2	2019-20)	
Subject	Subject	Subject	Pe	riods/w	eek		Evaluatio	n Scheme	
Number	Code		L	Т	P	Internal	End Sem	Exams	Total
						Assessment/	Exams	(Hours)	
						Sessional			
		Theory	'				•		
Th.1		Structural Design - I	5		-	20	80	3	100
Th.2		Hydraulic and Irrigation	5		-	20	80	3	100
		Engineering							
Th.3		Land Surveying – I	5		-	20	80	3	100
Th.4		Highway Engineering	5			20	80	3	100
		Total	20			80	320	-	400
		Practical		•					
Pr.1		Land Survey Practice-I	-	-	7	50	100	3	150
Pr.2		Civil Engg. Drawing-II	-	-	6	50	100	3	150
Pr.3		Technical Seminar			3	50			50
		Student Centered		-	3				
		Activities(SCA)							
		Total	-	-	19	150	200	-	350
		Grand Total	20	-	19	230	520	-	750

Abbreviations: L-Lecturer, T-Tutorial, P-Practical. Each class is of minimum 55 minutes duration

Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40% SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ cultural

activities/Library studies/Classes on MOOCS/SWAYAM etc., Seminar and SCA shall be conducted in a section.

There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester

		ATE COUNCIL FOR TECHN ACHING AND EVALUATION SO						•	
Subject	Subject Code	Subject	Pe	eriods/we	eek		Evaluatio	n Scheme	
Number			L	Т	Р	Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	Total
		Theory		•			•		
Th.1		Entrepreneurship and Management & Smart Technology	4		,	20	80	3	100
Th.2		Structural Design-II	4		-	20	80	3	100
Th.3		Railway & Bridge Engineering	4		-	20	80	3	100
Th.4		Water Supply & Waste Water Engineering	5			20	80	3	100
Th.5		Estimating & Cost Evaluation- II	4			20	80	3	100
		Total	21			100	400	-	500
		Practical						-	
Pr.1		Civil Engineering. Lab-II	-	-	6	50	100	3	150
Pr.2		Estimating Practice-II (Computer- Aided)	-	-	3	25	50	3	75
Pr.3		Project Phase-I	-	-	6	25	-	-	25
		Student Centred Activities(SCA)			3				
				-		-	-	-	-
		Total	-	-	18	100	150	-	250
		Grand Total	21	-	18	200	550	-	750

Abbreviations: L-Lecturer, T-Tutorial, P-Practical . Each class is of minimum 55 minutes duration

Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%

SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues / Quiz / Hobbies/ Field visits/ cultural activities/Library studies/Classes on MOOCS/SWAYAM etc., Seminar and SCA shall be conducted in a section.

There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester

		STATE COUNCIL FOR TEC	HNICA	L EDUC	ATION	AND VOCATIONA	L TRAINING, (ODISHA	
		TEACHING AND EVALUATION SO	HEME	FOR 6	th Sem	ester (Civil Engine	eering)(wef 2	020-21)	
Subject	Subject	Subject	Pe	riods/w	eek		Evaluation	n Scheme	
Number	Code		L	Т	Р	Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	Total
		Theory					•	•	•
Th.1		Land Survey-II	5		-	20	80	3	100
Th.2		Construction Management	4		-	20	80	3	100
Th.3		Advanced Construction Techniques & Equipment	4		-	20	80	3	100
Th.4		Electives: a. Concrete Technology, b.Disaster Management c. Architectural Practices & Interior Design	4			20	80	3	100
		Total	17			80	320	-	400
		Practical		•					
Pr.1		Construction Workshop Practice & MS Project	-	-	5	25	25		50
Pr.2		Land Survey Practice -II	-	-	5	25	50		75
Pr.3		CADD Lab and Design & Detailing Practice	-	-	3	25	25		50
Pr.4		Project Phase-II			5	50	100		150
Pr.5		Life Skill			2	25	-		25
		Student Centred Activities(SCA)		-	2	-	-	-	-
		Total	-	-	22	150	200	-	350
		Grand Total	17		22	230	520	-	750

Abbreviations: L-Lecturer, T-Tutorial, P-Practical. Each class is of minimum 55 minutes duration

Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%

SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz/Hobbies/ Field visits/ cultural activities/Library studies/Classes on MOOCS/SWAYAM/ Idea Tinkering and Innovation Lab Practice etc., Seminar and SCA shall be conducted in a section.

There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different jobs/experiments in a subject throughout the semester

Electrical Engineering

S	TATE COL	JNCIL FOR TECHNIC	AL E	DUC	ATIC	ON AND VOCATION	NAL TRAIN	ING, ODIS	SHA
	TEACH	NG AND EVALUATION SC	HEME	FOR	3rd s	Semester Electrical Eng	g.(wef 2019-	20)	
Subject	Subject	Subject	Per	iods/w	/eek	Eva	luation Schen	ne	
Number	Code		L	Т	Р	Internal Assessment/ Sessional:	End Sem Exams	Exams (Hours)	Total
		Theory							
Th.1		Engineering Mathematics-III	4		-	20	80	3	100
Th.2		Circuit and Network Theory	4	1	-	20	80	3	100
Th.3		Element of Mechanical Engineering	4		-	20	80	3	100
Th.4		Electrical Engineering Material	4			20	80	3	100
Th.5		Environmental studies	4			20	80	3	100
		Total	20	01		100	400	-	500
		Practical							
Pr.1		Mechanical Engineering Lab	-	-	3	25	50	3	75
Pr.2		Circuit and Simulation Lab	-	-	6	50	50	3	100
Pr.3		Mechanical Workshop	-	-	6	25	50	3	75
		Student Centred Activities(SCA)		-	3	-	-	-	-
		Total	-	-	18	100	150	-	250
•		Grand Total	20	01	18	200	550	-	750

Abbreviations: L-Lecturer, T-Tutorial, P-Practical. Each class is of minimum 55 minutes duration

Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40% SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ cultural activities/Library studies/Classes on MOOCS/SWAYAM etc., Seminar and SCA shall be conducted in a section.

There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional: Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester

	STA	ATE COUNCIL FOR TE	CHNIC	AL ED	UCATI	ON AND VOCATION	ONAL TRAININ	IG, ODISHA	
		TEACHING AND EVALU	JATION	SCHE	ME FOR	4th Semester (Elec	trical)(wef 2019	-20)	
Subject	Subject	Subject	F	Periods/v	veek		Evaluation	Scheme	
Number	Code		L	Т	Р	Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	Total
		Theory							
Th.1		Energy Conversion-I	4	1	-	20	80	3	100
Th.2		Analog Electronics & OP-Amp	4		-	20	80	3	100
Th.3		Electrical Measurement & Instrumentation	4	1	-	20	80	3	100
Th.4		Generation, Transmission and Distribution	4			20	80	3	100
		Total	16	02		80	320	-	400
		Practical							
Pr.1		Electrical Machine Lab-l	-	-	6	25	50	3	75
Pr.2		Analog Electronics Lab	-	-	3	25	50	3	75
Pr.3		Simulation Practice on MATLAB	•	-	3	25	50	3	75
Pr.4		Electrical Drawing			6	25	100	3	125
		Student Centered Activities(SCA)		-	3				
		Total	-	-	21	100	250	-	350
		Grand Total	16	02	21	180	520	-	750

Abbreviations: L-Lecturer, T-Tutorial, P-Practical. Each class is of minimum 55 minutes duration

Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%

SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ cultural activities/Library studies/Classes on MOOCS/SWAYAM etc., Seminar and SCA shall be conducted in a section.

There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester

	SIAII	E COUNCIL FOR TECHNICA TEACHING AND EVALUATION SO						o, odisha	
Subject	Subject	Subject			week		aluation Scher	ne	
Number	Code		L	T	Р	Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	Tota
		Theory					•		'
Th.1		Entrepreneurship and Management & Smart Technology	4		-	20	80	3	100
Th.2		Energy Conversion-II	4		-	20	80	3	100
Th.3		Digital Electronics & Microprocessor	5		-	20	80	3	100
Th.4		Utilization of Electrical Energy & Traction	4			20	80	3	100
Th.5		Power Electronics & PLC*	4			20	80	3	10
		Total	21			100	400	-	50
		Practical							
Pr.1		Electrical Machine Lab-II	-	-	6	25	50	3	75
Pr.2		Power Electronics & PLC Lab	-	-	3	25	50	3	75
Pr.3		Digital Electronics & Microprocessor Lab	-	-	3	25	50	3	75
Pr.4		Project Phase- I			3	25	-	-	25
		Student Centered Activities(SCA)		-	3	-	-	-	-
		Total	-	-	18	100	150	-	25
		Grand Total	21	-	18	200	550	-	75

Abbreviations: L-Lecturer, T-Tutorial, P-Practical. Each class is of minimum 55 minutes duration

Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%

SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues / Quiz / Hobbies/ Field visits/ cultural activities/Library studies/Classes on MOOCS/SWAYAM etc. Seminar and SCA shall be conducted in a section.

There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester

	STATE	COUNCIL FOR TECHNICAL EL	DUC	ATIO	N AI	ND VOCATIONAL	TRAINING	, ODISHA	ı
		TEACHING AND EVALUATION SCHEM	/IE FO	R 6th	Sem	ester (Electrical)(wef 2	2020-21)		
Subject	Subject	Subject	Per	iods/w	/eek	Eva	luation Scher	me	
Number	Code		L	Т	Р	Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	Total
		Theory							
Th.1		Electrical Installation And Estimating	4	1	-	20	80	3	100
Th.2		Switch Gear And Protective Devices	4	1	-	20	80	3	100
Th.3		Control System Engineering	4	1	-	20	80	3	100
Th.4		Elective (Any one to be opted) (a) Testing And Maintenance of Electrical Machine (b) Renewable Energy	4	1		20	80	3	100
		(c) Electric vehicle							
		Total	16	04		80	320	-	400
		Practical						-	
Pr.1		Electrical Workshop	-	-	6	50	100	3	150
Pr.2		Project Phase- II			8	50	100	3	150
Pr.3		Life Skill	-	-	2	50	-	3	50
		Student Centred Activities(SCA)		-	3	-	-	-	-
		Total	-	-	19	150	200	-	350
		Grand Total	16	04	19	205	545	-	750

Abbreviations: L-Lecturer, T-Tutorial, P-Practical. Each class is of minimum 55 minutes duration

Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40% SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ cultural activities/Library studies/Classes on MOOCS/SWAYAM/Idea Tinkering and Innovation Lab Practice etc., Seminar and SCA shall be conducted in a section.

There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester

Academic Calendar of the University:

The academic activities and examinations are conducted as per the academic calendar of the council

I.No	evised ACADEMIC CALENDAR of Diploma and Activity	2nd Semester	4 th /6 th /8 th (PT) Semester
1	Commencement of Classes	14.3.2022	10.3.2022
2	Readmission	14.3.22 to 25.3.2022	10.3.2022 to 25.3.2022
3	Reporting Readmission Data to SCTEVT online	28.3.22 to 2.4.2022	28.3.22 to 2.4.2022
4	Semester Exams Registration(Regular students)	4th week of April 2022	4th week of April 2022
5	Internal Assesment	2nd week of May 2022	2nd week of May 2022
6	Closing of Attendance	18.6.2022	10.6.2022
7	Branch Change of 2 nd sem. Students by Principals	Up to 31.3.2022	- 1
8	Reporting Branch Change case to SCTE&VT online	2.4.2022 to 9.4.2022	-
9	Tentative Date of Semester Examination	27.6.2022	27.6.2022
10	Tentative Date of Publication of Results	15.9.2022	15.9.2022
11	Internship and Summer Break for Students	End of Examination to 17.8.2022	End of Examination to 17.8.2022
12	Tentative date for starting of next Session	18/8	3/2022

- 1. There shall be 39 periods of class per week and each of minimum 55 minutes duration for all semesters.
- Principals are to arrange extra classes during Holidays and Off hours, wherever necessary, to complete the syllabus in time.
- 3. Annual Athletic Meet, Annual Cultural Meet may be conducted subject to Covid restriction
- The internship Policy of AICTE is to be scrupulously followed and to be arranged at Institution level.
 Induction Programme for 1st semester students is to be implemented as per AICTE Guidelines subject to covid restriction.
- Activities of Academic Calendar are subject to last minute change due to Covid19 Pandemic restrictions of Govt and/or instructions from AICTE and other contingencies.
- Online mode of Classes may be adopted during the period for which Physical mode of classes are restricted by Govt. due to Covid19 Pandemic.

ACADEMIC CALENDAR of Diploma and PDIS courses for the Session 2022-23

Sl.No	Activity	1 st Semester	3 rd /5 th /7 th (PT) Semester
1	Induction Programme for 1st semester Diploma Courses & Coverage of Bridge Course	10.10.2022	-
2	Last date for uploading of Lesson Plan subject wise by Individual Faculty in the Institution Website	24.10.2022	14.9.2022
3	Commencement of Semester Classes	25.10.2022	15.9.2022
4	Readmission at Institute Level	-	15.9.2022 to 30.9.2022
5	Reporting Readmission Data to SCTEVT online	•	1.10.2022 to 10.10.2022
6	Puja Holidays		3.10.2022 to 8.10.2022
7	Issue of SCTE&VT Registration Numbers	5.12.2022	1.12.2022(3 rd Sem LE students)
8	Semester Exams Registration (Regular students)	2nd week of Dec. 2022	1st week of Dec. 2022
9	Internal Assessment	3rd week of Dec. 2022	3 rd week of Nov. 2022
10	Closing of Attendance	31.1.2023	22.12.2022
11	X'Mas Holidays	25.12.22 to 31.12.22	25.12.22 to 31.12.22
12	Tentative Date of Semester Examination	8.2.2023	4.1.2023
SI.No	Activity	2nd Semester	4th/6th/8th(PT) Semester
13	Last date for uploading of Lesson Plan subject wise by Individual Faculty in the Institution Website	22.2.2023	18.1.2023
14	Commencement of Classes	23.2.2023	19.1.2023
15	Readmission	23.2.2023 to 9.3.2023	19.1.23 to 3.2.2023
16	Reporting Readmission Data to SCTEVT online	10.3.23 to 16.3.2023	4.2.23 to 9.2.2023
17	Semester Exams Registration(Regular students)	2nd week of April 2023	2nd week of March 2023
18	Internal Assessment	3rd week of April 2023	3rd week of March 2023
19	Closing of Attendance	24.5.2023	28.4.2023
20	Branch Change of 2 nd sem. Students by Principals	Up to 31.3.2023	-
21	Reporting Branch Change case to SCTE&VT online	3.4.2023 to 8.4.2023	· ·
22	Tentative Date of Semester Examination	6.6.2023	8.5.2023
23	Tentative Date of Publication of Results	31.8.2023	31.7.2023
24	Internship and Summer Break for Students	16.6.2023 to 15.7.2023	1.6.2023 to 30.6.23
25	Tentative date for starting of next Session		As per announcement of date

- 1. There shall be 39 periods of class per week and each of minimum 55 minutes duration for all semesters.
- 2. Principals are to arrange extra classes during Holidays and Off hours, wherever necessary, to complete the syllabus in time.
- 3. Annual Athletic Meet, Annual Cultural Meet may be conducted subject to restriction imposed by Govt, if any
- 4. The Internship Policy of AICTE is to be scrupulously followed and to be arranged at Institution level. Induction Programme for 1st semester students is to be implemented as per AICTE Guidelines.
- 5. Attendance Registers must be maintained in the prescribed manner by faculties in every class.

of Technical Education & Training, Odisha, Cuttack Schalos

Academic Time Table with the name of the Faculty members handling the Course Teaching Load of each Faculty

16. Enrolment and placement details of students in the last 3 years

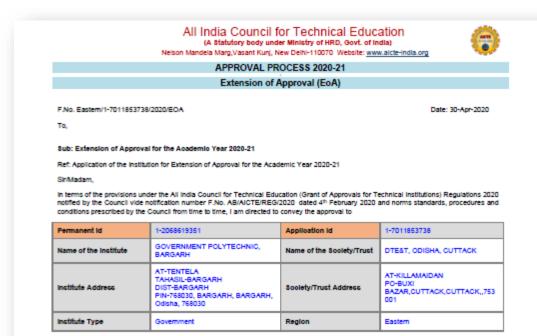
Admission	Branch	Enrolment Details				
Year		General/0BC	ST	SC		
2020	Civil	26	5	12		
	Electrical	46	3	13		
	Mechanical	49	4	9		
2021	Civil	43	5	15		
	Electrical	49	6	8		
	Mechanical	53	3	7		
2022	Civil	54	3	6		
	Electrical	43	14	6		
	Mechanical	50	0	13		

Pass out	Branch	No of placements	Minimum	Minimum	Average
Year			Salary(in	Salary(in lacs)	Salary(in lacs)
			lacs)		
2018	Civil	03	1.2	1.8	1.5
2018	Civii	03	1.2	1.0	1.5
	Electrical	09	1.5	1.8	1.65
	Mechanical	20	1.5	1.8	1.65
2019	Civil	02	1.2	1.8	1.5
	Electrical	12	1.5	1.8	1.65
	Mechanical	60	1.5	2.5	2
2020	Civil	03	1.2	1.8	1.5
	Electrical	15	1.5	2.8	2.15

	Mechanical	21	1.5	1.8	1.65
2021	Civil	05	1.2	1.2	1.2
	Electrical	10	1.3	1.3	1.3
	Mechanical	32	1.4	1.4	1.4

17. List of Research Projects/ Consultancy Works:NA

18. LoA and subsequent EoA till the current Academic Year



To conduct following Courses with the Intake Indicated below for the Academic Year 2020-21

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2018-20	Intake Approved for 2020-21	NRI Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	DIPLOMA	CIVIL ENGINEERING	Directorate of Technical Education , Odisha	60	60	NA.	No
ENGINEERING AND TECHNOLOGY	DIPLOMA	MECHANICAL ENGINEERING	Directorate of Technical Education , Odisha	60	60	NA.	No
ENGINEERING AND TECHNOLOGY	DIPLOMA	ELECTRICAL ENGINEERING	Directorate of Technical Education , Odisha	60	60	NA.	No

All India Council for Technical Education

(A Statutory body under Ministry of Education, Govt. of India)



Page 1 of 3

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

APPROVAL PROCESS 2021-22

Extension of Approval (EoA)

F.No. Eastern/1-9317969688/2021/EOA

Date: 25-Jun-2021

The Commissioner cum Secretary, Deptt. Of Higher & Technical Education, Govt. of Orissa, Orisas Sectt. Bhubaneshwar-751001

Sub: Extension of Approval for the Academic Year 2021-22

Ref: Application of the Institution for Extension of Approval for the Academic Year 2021-22

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations, 2021 Notified on 4th February, 2020 and amended on 24th February 2021 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to:

Permanent Id	1-2068619351	Application Id	1-9317969688
Name of the Institution /University	GOVERNMENT POLYTECHNIC, BARGARH	Name of the Society/Trust	DTE&T, ODISHA, CUTTACK
Institution /University Address	AT-TENTELA TAHASIL-BARGARH DIST-BARGARH PIN-768030, BARGARH, BARGARH, Odisha, 768030	Society/Trust Address	AT-KILLAMAIDAN PO-BUXI BAZAR,CUTTACK,CUTTACK,Oriss a,753001
Institution /University Type	Government	Region	Eastern

To conduct following Programs / Courses with the Intake indicated below for the Academic Year 2021-22

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2020-21	Intake Approved for 2021-22	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	DIPLOMA	CIVIL ENGINEERING	Directorate of Technical Education , Odisha	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	DIPLOMA	MECHANICAL ENGINEERING	Directorate of Technical Education , Odisha	60	60	NA	NA
ENGINEERING AND TECHNOLOGY	DIPLOMA	ELECTRICAL ENGINEERING	Directorate of Technical Education , Odisha	60	60	NA	NA

Application No:1-9317969688 ALL INI Note: This is a Computer generated Report. No signature is required. Printed By: aicn008101 ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Letter Printed On:5 July 2021

All India Council for Technical Education (A Statutory body under Ministry of Education, Govt. of India)





APPROVAL PROCESS 2022-23

Extension of Approval (EoA)

F.No. Eastern/1-10967900816/2022/EOA

Date: 02-Jun-2022

Τo

Sub: Extension of Approval for the Academic Year 2022-23

Ref: Application of the Institution for Extension of Approval for the Academic Year 2022-23

SirMadam

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations, 2022 Notified on 4th February, 2022 and amended on 24th February 2022 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-2068619351	Application Id	1-10967900816		
Name of the Institution	GOVERNMENT POLYTECHNIC, BARGARH	Name of the Society/Trust	DTEST, ODISHA, CUTTACK		
Institution Address	AT-TENTELA TAHASIL-BARGARH DIST-BARGARH PIN-758030, BARGARH, BARGARH, Odisha, 768030	Soolety/Trust Address	AT-KILLAMAIDAN PO-BUXI BAZAR, CUTTACK, CUTTACK, Oriss a,753001		
Institution Type	Government	Region	Eastern		
Year of Establishment 2014					

To conduct following Courses with the Intake Indicated below for the Academic Year 2022-23

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2021-22	Intake Approved for 2022-23	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
DIPLOMA	ENGINEERI NG AND TECHNOLO GY	CIVIL ENGINEERING	Directorate of Technical Education , Odisha	60	60	NA .	NA.
DIPLOMA	ENGINEERI NG AND TECHNOLO GY	ELECTRICAL ENGINEERING	Directorate of Technical Education , Odisha	60	60	NA .	NA.
DIPLOMA	ENGINEERI NG AND TECHNOLO GY	MECHANICAL ENGINEERING	Directorate of Technical Education , Odisha	60	60	NA .	NA .

Application No: 1-10967900816 ALL INDIA COUNCIL FOR TECHNICAL EDUCATION Note: This is a Computer generated Report. No signature is required. Printed by : aicro08101

Page 1 of 3

Letter Printed On:6 July 2022

- 19. Accounted audited statement for the last three years: Not audited till date
- 20. Best Practices adopted, if any:NA