

1. Name of the Institution

Name of the Institute	GOVT. POLYTECHNIC, JAJPUR	Address of the Institute	AT/PO-RAGADI, DIST-JAJPUR, VIA_JAJPUR ROAD, ODISHA
State	Odisha	District	JAJPUR
Pin	755019	AICTE Region	Eastern
Town/Village	JAJPUR	STD code	06726
Land Phone No.	249107	Email	principalgpjajpur@gmail.com
Cell No.	9437155107	Alternate Email	principalgpjajpur@rediffmail.com
FAX No.	249107	Website	www.gpjajpur.org

2. Name and address of the Trust/ Society/ Company and the Trustees

Details about Parent Organization(Trust/Company)			
Name of the Parent organization	DIRECTORATE OF TECHNICAL EDUCATION & TRAINING, ODISHA	Address	AT- KILLAMAIDAN, BUXI BAZAR CUTTACK, 753001
Town/Village	CUTTACK	State/UT	Orissa
District	CUTTACK	Pin Code	753001
Website	www.dtetorissa.gov.in	Type of the	Government
Land Phone No.	0671-2301061, Fax – 0671-2301961	Email	dtetorissa@gmail.com

3. Name and Address of the Principal

Title	Mr.	RAJENDRA KUMAR	Last Name	PRUSTI
Address	PRINCIPAL, GOVERNMENT POLYTECHNIC, AT-RAGADI, VIA-JAJPUR ROAD, DIST-JAJPUR		Town/Village;	RAGADI
State/UT	Odisha	District	JAJPUR	
Pin Code	755019	Designation	PRINCIPAL	
Cell No.	9437155107	Alternate Cell No.	7978027036	
Email	principalgpjajpur@gmail.com	Alternate Email Address	prusti1964@gmail.com	
STD Code	06726	Phono:249107	Fax No.	249107

4. Name of the affiliating Board:

Name: State Council for Technical Education & Vocational Training, Bhubaneswar, Odisha

Address : Unit-8, Near Raj Bhawan, Post/Ps-Nayapalli, Bhubaneswar, Odisha, Pin:751012

E-mail : sctevt@yahoo.in, vcsctevt.odisha@gmail.com , Phone : 0674-2392913

5. Governance

a) Members of the Board and their brief background

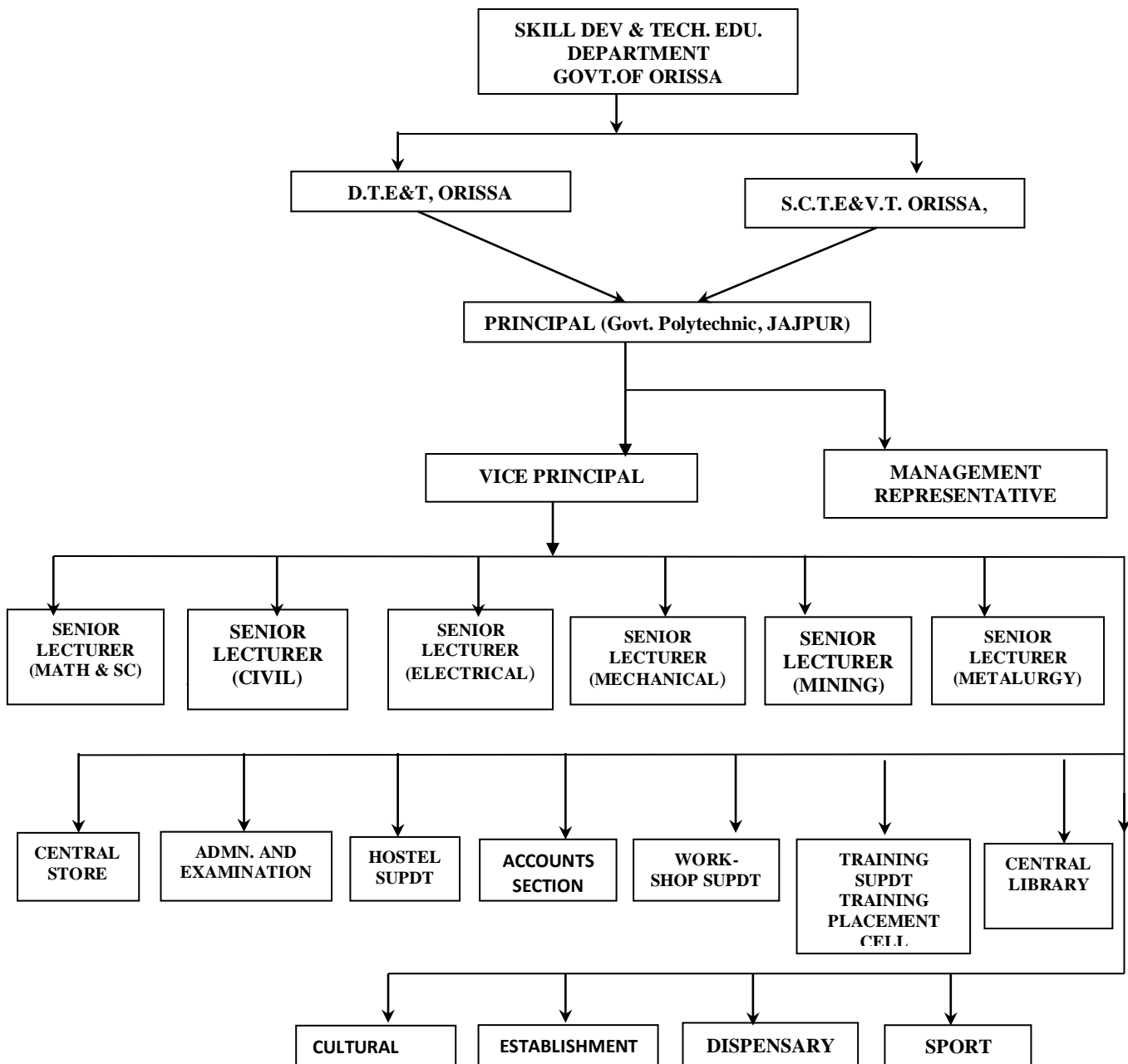
MEMBERS OF BOARD OF GOVERNERS:	
The Collector and District Magistrate, Jajpur	Chairman
The District Employment Officer, Jajpur	Member
The Executive Engineer Roads & Building(Works), Panikoili, Jajpur	Member
The Executive Engineer PHD Division, Cuttack Jajpur	Member
The Executive Engineer ,NESCO, Dhabalagiri, Jajpur Road.	Member
The ERO, AICTE (Eastern Regional Office), Kolkatta	Member
The Vice Chairman, SCTE&VT, Bhubaneswar	Member
The Director, Technical Education & Training, Odisha, Cuttack	Member
The HR Head, Ferro Chrome Plant, Dhabalagiri, Jajpur Road	Member
Mrs Sarmistha Sethi, Hon'ble M.P, Jajpur	Member
Sri ASHOK KUMAR BAL, Hon'ble MLA (Korai)	Member
Mr. Ashok Kumar Mishra, Academic Coordinator & Sr Lect (Mett)	Member
Dr. Biswamber Mohanty, Sr. Lecturer (Math Sc.)	Member
Er. R.K. Prusti, Principal, Government Polytechnic, Jajpur	Member Secretary

b) Members of Academic Advisory Body

1	Principal, Govt Polytechnic, Jajpur	Chairman
2	Sri Ashok Kumar Mishra ,Academic Coordinator	Member Secretary
3	Dr. Biswambhar Mohanty,Sr.Lect.(Math & Sc)	Member
4	Smt. Rosalin Nath, Lecturer(English)	Member
5	Mr. NrusinghCharan Behera(Sr.Lect.)	Member
6	Sri MANAS KUMAR MISHRA, Lecturer	Member
7	Sri Prabhudatta Mishra, Lecturer	Member
8	Mr Subhendu Muduli, Lecturer	Member
9	Mrs Sibani Panda. ,Lecturer	Member
10	Smt. RAJASHREE NAYAK, Lecturer	Member

c) **Frequently of the Board Meeting and Academic Advisory Body**-Twice in a year

d) Organizational chart and processes



e. Nature and Extent of involvement of Faculty and students in academic affairs/improvements:
Impact -To provide education and training of consistently high standard, through innovative and versatile programmes to meet the current and emerging need of the community.

f. Mechanism/ Norms and Procedure for democratic/ good Governance: As per rules & guidelines of the Skill Development & Technical Education, Govt. of Odisha

g) Student Feedback on Institutional Governance/ Faculty performance: Yes maintained

h) Grievance Redressal mechanism for Faculty, staff and students: Yes maintained

i) Establishment of Anti Ragging Committee

Dr.Biswambhar Mohanty,Sr.Lect.(Math & Sc)	Chairman
Smt. Rosalin Nath, Lecturer(English)	Member
Mr. Nrusingh Charan Behera, Sr.Lect.(Electrical)	Member
Sri MANAS KUMAR MISHRA, Lecturer	Member
Sri Prabhudatta Mishra, Lecturer	Member Secretary
Sri. Sibashis Panda, Sr. Lect.(Civil)	Member
Smt. RAJASHREE NAYAK, Lecturer	Member
Sri SHASHANKA SHEKHER SAHU,(LA)	Member
Ms SMRUTILEKHA SETHY,(LA)	Member

j) Establishment of Online **Grievance Redressal Mechanism** Establishment of Grievance Redressal Committee in the Institution : YES

k) Establishment of Internal Complaint Committee (ICC)

1	Mrs. Gitanjali SethySr.Lect.(Mech)	Chairman
2	Smt Supriya Behera, Lecturer	Member Secretary
3	Smt. Pragyan Priyadarsini, Lecturer	Member
4	Smt. Sibani Panda, Lecturer	Member
5	Two Members from amongst employees preferably committed to the cause of women or who have had experience in social work or have legal knowledge	Member
6	One member from amongst non-governmental organisations or associations committed to the cause of women or a person familiar with the issues relating to sexual harassment	Member

l) OMBUDSMAN by the University

Committee consisting of the following members:

- Nominee of the Governor of concerned State - Chairman
- Two Vice Chancellors by rotation from Public Universities of the State Concerned
- One Vice Chancellor by rotation from Private Universities of the State Concerned
- Secretary (Higher Technical Education) of the State concerned – Convenor

m) Establishment of Committee for SC/ ST

1	Sri Nrusingh Charan Behera, Sr.Lect.(Electrical)	Chairman
2	Smt Supriya Behera, Lecturer	Member Secretary
3	Sri MANAS KUMAR MISHRA, Lecturer	Member
4	Mrs Namita Barik(LA)	Member
5	Mrs SMRUTILEKHA SETHY,(LA)	Member

n) Internal Quality Assurance Cell

1	Principal, Govt Polytechnic, Jajpur	Chairman
2	Sri Ashok Kumar Mishra ,Academic Coordinator	Member Secretary
3	Dr. Biswambhar Mohanty, Sr. Lect.(Math & Sc)	Member
4	Smt. Rosalin Nath, Lecturer(English)	Member
5	Mr. Nrusingh Charan Behera(Sr.Lect.)	Member
6	Sri MANAS KUMAR MISHRA, Lecturer	Member
7	Sri Prabhudatta Mishra, Lecturer	Member
8	Mr Subhendu Muduli, Lecturer	Member
9	Mrs Sibani Panda. ,Lecturer	Member
10	Smt. RAJASHREE NAYAK, Lecturer	Member

6. Programmes

a) Name of Programmes approved by AICTE

SR. No	Course Unique Id	Programme	Affiliating University/Board	Level of course	Name of the Course	Shift	Course Duration	Year Started as per AICTE	Full Time/Part Time
1	1-2066461462	ENGINEERING AND TECHNOLOGY	State Council for Technical Education & Vocational Training, Bhubaneswar, Odisha Under Director of Technical Education & training, Odissa	DIPLOMA	CIVIL ENGINEERING	1st Shift	3	2014	FULL TIME
2	1-2066461611				ELECTRICAL ENGINEERING		3	2014	FULL TIME
3	1-2066461683				MECHANICAL ENGINEERING		3	2014	FULL TIME
4	1-2848491614				MINING ENGINEERING		3	2016	FULL TIME
5	1-2849787462				METALLURGY		3	2016	FULL TIME

b. Name of Programmes Accredited by AICTE : NA

c. Status of Accreditation of the Courses: NA

d. Total number of Courses: NA

e. No. of Courses for which applied for Accreditation; One(Mechanical Branch)

f. Status of Accreditation Applied for SAR and visits Not completed

g. Placement Facilities

Campus placement in last three years with minimum salary, maximum salary and average salary

Sl No	year	Branch	No of student passed	No of Student Placed	Highest Salary per Annum
1.	2014-17 (2017)	Civil	69	43 + 26(B.Tech)	3.2 Lakh
		Electrical	66	46+18(B.Tech)+02 Entrepreneur	2.95 Lakh
		Mechanical	61	46 + rest B .Tech	2.95 Lakh
2.	2015-18 (2018)	Civil	63	20+ (Apprentice) +20B.Tech/Preparing for GOI post	2.95 Lakh
		Electrical	45	36 + 02(Apprentice) + 07B.Tech	2.95 Lakh
		Mechanical	46	38+ 05(Apprentice) +03B.Tech	3.2 Lakh
3.	2016-19 (2019)	Civil	53	10+ 30B.Tech	3.2 Lakh
		Electrical	61	30 =5(Appre)+15 B.Tech	3.2 Lakh
		Mechanical	60	35+20B.Tech	3.2 Lakh
		Mining	61	All will be gone for PDPT training	3.2 Lakh
		Metallurgy	33	18+ 10 B.Tech	3.2 Lakh
4.	2017-20 (2020)	Civil	50	12+ 30 B.Tech	3.2 Lakh
		Electrical	51	29+ 22B.Tech	3.2 Lakh
		Mechanical	56	30+ 26 B.Tech	3.2 Lakh
		Mining	58	All will be gone for PDPT training	3.2 Lakh
		Metallurgy	42	15+ 15 B.Tech	3.2 Lakh
5.	2018-21 (2021)	Civil	51	15+030B.Tech	3.2 Lakh
		Electrical	55	38+ 12B.Tech	3.2 Lakh

	Mechanical	55	38+ 14 B.Tec	3.2 Lakh
	Mining	59	All will be gone for PDPT training	3.2 Lakh
	Metallurgy	51	22+ 12B.TEch	3.2 Lakh

h. Name and duration of programme(s) having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval-No

7. Faculty:

a. Branch wise list Faculty members:

FACULTY UNIQUE ID	TITLE	FIRST NAME	MIDDLE NAME	LAST NAME	GENDER	DEPARTMENT	DATE OF JOINING (DD-MON-YY)	MOBILE PHONE
1-3715513093	Mr.	SOUMYA	RANJAN	DALAI	Male	MECHANICAL ENGINEERING	02-JAN-18	7653098953
1-7489311385	Mr.	HARISHANKAR		DEHURIA	Male	METALLURGY	19-JUL-19	8917563165
1-9494614954	Mr.	AMARJYOTI		MAHANTA	Male	MINING ENGINEERING	19-FEB-21	8249404220
1-11327877139	Mr.	BASUDEV		BARICK	Male	ELECTRICAL ENGINEERING	05-OCT-21	8766961292
1-11328224933	Miss	SUNITA		SAHOO	Female	FIRST YEAR/OTHER	30-NOV-21	8249448992
1-2495548921	Mr.	RAJENDRA	KUMAR	PRUSTI	Male	FIRST YEAR/OTHER	20-MAY-14	9437155107
1-7510794661	Miss	SHUBHASHREE		MALLIK	Female	ELECTRICAL ENGINEERING	10-DEC-19	9438737300
1-9320795538	Mr.	SHIBASIS		PANDA	Male	CIVIL ENGINEERING	06-NOV-13	9937764089
1-3695935273	Miss	NIRJHARINI		SAMAL	Female	CIVIL ENGINEERING	01-JAN-18	9438843209
1-4398170876	Mrs.	SUPRAVA		BEHERA	Female	MECHANICAL ENGINEERING	26-NOV-15	9438299028
1-9496223198	Mr.	TAPAS	KUMAR	MISHRA	Male	FIRST YEAR/OTHER	03-FEB-21	7008096727
1-11327876998	Mrs.	SUSHREE	SOURAVI	ROUT	Female	CIVIL ENGINEERING	13-AUG-21	8249322398
1-11328090759	Mr.	SOUMYA	RANJAN	SAMAL	Male	MINING ENGINEERING	04-OCT-21	8249469282
1-2502110317	Miss	SASMITA		TIADI	Female	CIVIL ENGINEERING	15-DEC-14	9937701370
1-2906438024	Ms.	PRAGYAN		PRIYADARSINI	Female	FIRST YEAR/OTHER	26-OCT-15	9776047245
1-3691422641	Miss	NIRUPAMA		SAHOO	Female	CIVIL ENGINEERING	21-DEC-17	7657061129
1-9482752726	Mr.	PRABHUDUTTA		MISHRA	Male	MINING ENGINEERING	05-MAY-15	9853545501
1-11328090717	Mr.	ASIT	KUMAR	SAHOO	Male	ELECTRICAL ENGINEERING	18-NOV-21	9853319335
1-11328129461	Mr.	SAAHIL		EJAZ	Male	MINING ENGINEERING	06-JAN-22	7008846577
1-2068587249	Engineer	NRUSINGH	CHARANA	BEHERA	Male	ELECTRICAL ENGINEERING	18-NOV-97	9861642792

1-2104326746	Mrs.	GITANJALI		SETHI	Female	MECHANICAL ENGINEERING	16-DEC-21	9040012819
1-2783413024	Miss	RAJASHREE		NAYAK	Female	CIVIL ENGINEERING	02-OCT-15	9090416705
1-4756469845	Mr.	UMAKANTA		NANDA	Male	MECHANICAL ENGINEERING	16-SEP-18	7894309601
1-4788151878	Miss	PARSWALISA		MOHANTY	Female	ELECTRICAL ENGINEERING	07-JAN-19	9438462732
1-9494747185	Mrs.	ARADHANA		P	Female	METALLURGY	09-OCT-15	9439412056
1-11328224681	Mr.	HITESH		MALLICK	Male	FIRST YEAR/OTHER	20-NOV-20	8249431130
1-2500957206	Mrs.	ROSALINA		NATH	Female	FIRST YEAR/OTHER	09-JUL-14	9438435502
1-2781661839	Miss	SUCHETA		DHAL	Female	FIRST YEAR/OTHER	09-OCT-15	9937575928
1-2906761652	Mr.	MANAS	KUMAR	MISHRA	Male	MECHANICAL ENGINEERING	23-NOV-15	9776409085
1-3691204344	Mr.	PRATIK		DAS	Male	ELECTRICAL ENGINEERING	01-JAN-18	9658549829
1-4490784384	Mr.	SUVENDU		MUDULI	Male	METALLURGY	29-OCT-15	9861012956
1-9493569652	Miss	RINKI		CHOUHAN	Female	CIVIL ENGINEERING	17-JUL-18	7205452268
1-9494872888	Miss	RAJALAXMI		JENA	Female	FIRST YEAR/OTHER	16-AUG-19	9337673335
1-11328190039	Miss	LAXMIPRIYA		BANARA	Female	FIRST YEAR/OTHER	25-OCT-21	8658067771
1-3597641255	Mr.	ASHOK	KUMAR	MISHRA	Male	METALLURGY	18-JUN-94	9937811836
1-3691393294	Ms.	ROJALIN		JENA	Female	ELECTRICAL ENGINEERING	01-JAN-18	8908613386
1-4754994403	Mr.	SARADA	PRASAD	JENA	Male	MINING ENGINEERING	01-JUL-18	8018772351
1-7501160142	Mrs.	SIBANI		PANDA	Female	ELECTRICAL ENGINEERING	16-OCT-15	9437503230
1-9495059608	Mr.	MALAYA	RANJAN	JENA	Male	MINING ENGINEERING	01-FEB-21	6370553127
1-11327981753	Mr.	KEDARNATH		JENA	Male	MECHANICAL ENGINEERING	13-SEP-16	9658146323
1-11327982075	Mr.	AJIT	KUMAR	BEHERA	Male	CIVIL ENGINEERING	17-JUL-19	7749860348
1-2502049810	Mrs.	PRAGYANDIPTI		SAHOO	Female	ELECTRICAL ENGINEERING	02-AUG-15	9937125239
1-2504180713	Mr.	PABITRA	RANJAN	DASH	Male	MECHANICAL ENGINEERING	18-JUN-14	9437704431
1-3698380257	Mr.	MAHESH	KUMAR	PATRA	Male	MECHANICAL ENGINEERING	01-JAN-18	9439939209
1-3698380668	Mr.	AMARESH		ROUT	Male	METALLURGY	24-MAR-17	9437204887
1-3780521964	Mr.	BISWAMBHAR		MOHANTY	Male	FIRST YEAR/OTHER	02-FEB-22	9937351252
1-4495690256	Mr.	BIREN	KUMAR	SAMAL	Male	METALLURGY	16-JUL-18	8658026649

1-4755810003	Miss	JYOTIRMAYEE		SETHY	Female	ELECTRICAL ENGINEERING	15-JAN-19	8895047930
1-7441595585	Mrs.	NIHARIKA		SETHY	Female	ELECTRONICS AND TELECOMMUNICATIONS ENGINEERING	11-FEB-19	7369972426
1-7489042433	Mr.	DHIRA	SHANKAR	PATRA	Male	MECHANICAL ENGINEERING	15-JAN-19	9437306460
	Mr.	RANJAN	KUMAR	PRADHAN	Male	MECHANICAL ENGINEERING	15-JUL-19	6372412687
	Miss	LAXMIPRIYA		BANARA	Female	Math & Science	25-OCT-21	8658067771
	Miss	SUBHADRA		BAKIK	Female	CIVIL ENGINEERING	14-MAR-22	8249510859
	Mr.	SAROJ	KUMAR	MISHRA	Male	CIVIL ENGINEERING	22-MAR-22	7077169010
	Mr.	SAHIL		EZAZ	Male	MINING ENGINEERING	03-JAN-22	7008864577
	Miss	BINAPANI		PANDA	Female	ELECTRICAL ENGINEERING	07-MAY-22	9438912121

b. SUPPORTING STAFF

Sr. No.	Technical Staff Id	Program	Course	Level	First Name	Surname	Date of joining the Institute	Master Degree	Bachelor Degree	Diploma	Other Qualification
1	1-2636402662	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	DIPLOMA	SASMITA	TIADI	15/12/2014	CHEMISTRY	CHEMISTRY		
2	1-2636402667	ENGINEERING AND TECHNOLOGY	ELECTRICAL ENGINEERING	DIPLOMA	JASODA	BESHRA	08/12/2014		ELECTRICAL	ELECTRICAL ENGINEERING	BPUT ORISSA
3	1-2636443381	ENGINEERING AND TECHNOLOGY	METALLURGY	DIPLOMA	SHASHA NKA	SAHU	04/12/2014			METALLURGY	
4	1-2636443385	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	DIPLOMA	SMRUTIL EKHA	SETHY	10/12/2014			MECHANICAL ENGINEERING	
5	1-2636507521	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	DIPLOMA	GOPABANDHU	MAHARANA	01/09/2014		UTKAL UNIVERSITY	MECHANICAL ENGINEERING	COMPUTER PGDCA
6	1-2643968003	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	DIPLOMA	BINDUS HREE	SAHOO	15/12/2014	PHYSICS			
7	1-3721505420	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	DIPLOMA	KEDARNATH	JENA	13/09/2016			MECHANICAL ENGG	
8	1-3721505458	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	DIPLOMA	RUDRANARAYAN	SAHOO	23/08/2017			MECHANICAL ENGG	
9	1-3721505502	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	DIPLOMA	BARSA	DASH	17/07/2017			CIVIL ENGG	
10		ENGINEERING AND TECHNOLOGY	ELECTRICAL ENGINEERING	DIPLOMA	GANESH	PRADHAN	13/02/2017			ELECTRICAL ENGINEERING	ITI ELECTRICIAN
11		ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	DIPLOMA	SUBHASMITA PRIYADARSINI	BISWAL	04/01/2019			COMPUTER APPLICATION	
12		ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	DIPLOMA	DIPTIMAYEE	NAYAK	02/01/2019			SEMINAR & PROJECTOR	
13		ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	DIPLOMA	NEHA	PATTANAIK	06/09/2019		UTKAL UNIVERSITY	PHYSICS	
14		ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	DIPLOMA	PRACHI	SAMAL	01/08/2017		UTKAL UNIVERSITY	ENGLISH	
15		ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	DIPLOMA	TAPAS KUMAR	BEHERA	09/08/2018			CIVIL ENGINEERING	

16		ENGINEERING AND TECHNOLOGY	METALLURGYCAL	DIPLOMA	SWATI	PAL	16/07/2018			METALLURGY CAL
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C. ADMIN & LIBRARY STAFF

Sr. No.	Staff Id	First Name	Last Name	Date of joining the Institute	Master Degree	Bachelor Degree	Other Qualificatio
1		Mr. Bijaya Kumar	Pradhan	01/07/2020		B.A	
2		ARUN KUMAR	JENA	25/06/2018		B. COM	
3	1-2645761737	RAJESWARI	BAL	24/12/2014	M.LIB FAKIR MOHAN	B.LIB UTKAL UNIVERSIT	

- d. Permanent Faculty-All Regular Staff
e. Adjunct Faculty: Attached to Local Industry
f. Permanent Faculty: Student Ratio: 1:20

Programme	Faculty:Student based on Approved Intake	Principal/ Director	Head of the Department	Lecturer	Total
		A	B	C	D = A+B+C
Engineering and Technology	1:25	1	1 per Department	(S/ 25) – (A+B)	S/25
	1:25	1	07	42	50

S - Sum of the number of students as per "Approved Intake" at all years

- g. Number of Faculty employed and left during the last three years: 04 nos



8. Profile of Vice Chancellor/ Director/ Principal/ Faculty

For each Faculty give a page covering with Passport size photograph

Principal/Director/Registrar

Surname	PRUSTI	First Name	RAJENDRA KUMAR
Father's Name	TARESWAR PRUSTI	Date of Birth	01/03/1964
Doctorate Degree	No	Field of Specialization	ELECTRONICS COMM
Master's Degree	M.E.(INFORMATION SCIENCE)	Bachelor Degree	B.E.
Other Qualifications	B.SC.(Hons)	Date of Joining the Institute as head	20/05/2014
Appointment Type	Perment	Exact Designation	Principal
Experience (T-R-I)	Teaching-33 years	Research-1 year	Industry-1 year
Date of Birth	01.3.1964	Unique id	1-2495548921
Courses taught at Diploma Level		No. of papers published	15
No. of Books published	01	Projects Carried out	30

9. Fee

- a. Details of fee, as approved by State Fee Committee, for the Institution

YEAR	For General Category	For SC/ST/TFW	Hostel Fees (for Selected Hostel Ladies/Gents)	Transport Fees(only Bus Students)
1st Year	5,900/-+ Insurance	3,300/-+ Insurance	3000/- per year	Rs 500/- per month
2nd Year/3rd Year	4,900/-	2,400/-		

The above free structure may be changed as per orders of the Government/Institution form time to time&+ Extra /Additional Semester Examination fees as per prescribed rate of SCTE&VT time to time

- b. Time schedule for payment of fee for the entire programme- Beginning of Session
c. No. of Fee waivers granted with amount :

Sl.No.	Name of the Course/Branch	Sanctioned Strength by AICTE	Seats under TFW Scheme(5%) of sanctioned Intake	Tuition Fee Waiver (TFW) Fees
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1.	Civil Engg.	60	03	Rs. 3000/-per year per student
2.	Electrical Engg.	60	03	
3.	Mechanical Engg.	60	03	
4.	Mining Engg.	60	03	
5.	Metallurgy	60	03	
	Total	300	18(TFW)	

d. Number of **scholarship offered by the Institution** and amount

- AICTE Pragati Scholarship for girl students (only for Fresher) @Rs.50,000/Annum for all category having parental income Rs.8 lakh or less, which will be renewed in the subsequent year.
- AICTE Saksham Scholarship for differently able students having disability 40% or more (only for Fresher) @Rs.50,000/Annum for all category having parental incomers. 8 lakh or less.
- Merit-cum-poverty(MCP)scholarshipsfor10%studentsineverydiscipline. Meritorious General category Diploma Students of 1st, 2nd& 3rd Year of this Institution for award of Merit-Cum-Poverty Stipend. The parent's annual income from all sources hould not exceed 4.5 Lakhs.
- Post-metric scholarships (PMS)under PRERANA&otherfinancialassistancesanctionedbyGovt.fromtimetotimeforST/SC/OBC/SEBC/MinorityCommunitystudentsinallinstitutions
- Financialassistancetocompletethestudy,iftheparents/financialguardianofthestudent dies during study period.
- Onetimescholarshipof**Rs.6000/-**toeligible**Topperstudents**ineachsemesterexamination.
- Financial Assistant to Children of son/wards of Construction Workers up to Rs. 40,000/-.
- National Scholarship/Junior Scholarship basing on HSC Marks.
- Financial Assistance for Girl Toppers.
- Financial Assistance under "VIDYARTHI SURAKSHYA" group Insurance scheme.
- Financial Assistance through Jindal /Tata Steel/NTPC/Visa Steel etc.

e. Criteria for fee waivers/scholarship- apply on line as per Govt. Rules

f. **Estimated cost of Boarding and Lodging** in Hostels

1. *Electric , Sent Rent-* Rs. 2000.00 Govt
2. *Contingency & Development Fees -* Rs 1000.00 (PL)
3. *Mess advance & Caution money -* Rs 4000.00 (to be deposited at Hostel) Caution money to be refunded at the time of departure/after Last month of Bill)
4. *Mess Bill as per actual per Meal Rs 20 to Rs 30.*

10. Admission

i. Number of seats sanctioned with the year of approval

Sl. No.	Name of the Course/Branch	Sanctioned Strength by AICTE for 2020	Seats under TFW Scheme(5%) of sanctioned Intake	Seats under EWS Scheme(10%) of sanctioned Intake	Seats under 10%(Lat) of sanctioned Intake
1.	Civil Engg.	60	03	06	06
2.	Electrical Engg.	60	03	06	06
3.	Mechanical Engg.	60	03	06	06
4.	Mining Engg.	60	03	06	06
5.	Metallurgy	60	03	06	06
	Total	300(Intake)	18(TFW)	30(EWS)	30(LE)

ii. Number of Students admitted under various categories each year in the last three years

YEAR	Approved Intake	General Male	General Female	OBC Male	OBC Female	SC Male	SC Female	ST Male	ST Female	PH Male	PH Female	Minority Male	Minority Female	TFW Male	TFW Female	Total Students(SC+ST+OBC_GENERAL+Minority)
2014-15	180	100	26	52	10	20	5	6	3	1	0	5	1	8	1	179
2015-16	180	69	32	30	6	23	3	18	1	0	0	4	0	8	1	195
2016-17	300	154	11	45	7	37	3	13	1	0	0	3	0	11	2	274
2017-18	300	129	13	64	5	41	6	15	0	1	0	11	1	12	3	285
2018-19	300	190	28	21	9	40	1	17	0	0	0	7	0	13	2	313
2019-20	300	124	14	60	15	39	2	35	3	0	0	6	0	11	4	313
2020-21	300	123	37	72	13	35	0	23	0	1	0	9	0	15	0	328

iii. Number of applications received during last two years for admission under Management Quota and number admitted- *Not Applicable*

11. Admission Procedure

- Mention the admission test being followed, name and address of the Test Agency and its URL (website):

HOW TO APPLY DIPLOMA ADMISSION-2022-23 THROUGH ONLINE MODE

Before applying, applicants are advised to read the eligibility criteria at Chapter-3 of Information Brochure carefully. An applicant can apply for Diploma Admission-2022 through ONLINE mode only. If an applicant does not fill the category option to which he/she belongs, then he/she will be deemed to be a 'GENERAL' category applicant.

- To apply ONLINE application form for Diploma Admission-2022, the applicant has to visit the website <http://www.dtetodisha.gov.in> or <http://www.samsodisha.gov.in>
- Download "Information Brochure for Diploma Admission-2022" available on the Home page to know the detailed information about Diploma Admission-2022.
- Read the Information Brochure for Diploma Admission-2022 carefully before filling & submitting online application form.
- You must keep ready the soft copy of your scanned PHOTO (in jpg/png/jpeg format size below 100KB), SIGNATURE (in jpg/png/jpeg format size below 30KB) before filling the ONLINE application form.
- An applicant has to complete three steps for completion of his/her application, i.e. Registration, Upload Images and Fee payment. An applicant may logout after registration and again login to upload images and fee payment.
- At the Home page-<http://www.dtetodisha.gov.in>, there is a tab named 'Diploma/Polytechnic' for Diploma Admission Page. By clicking the tab, you will go to the next page where there are options for 'APPLICANTREGISTRATION' & ONLY REGISTERED APPLICANTS SIGN IN & APPLY.
- The applicant is advised to read the 'Common Prospectus' carefully and follow the steps listed below for filling an online application. For details:

Directorate of Technical Education & Training, Odisha, Killamaidan, Buxibazar, Cuttack – 753001, Tele Fax.0671-2305655 / Fax : 0671-2301961, Website : www.detodisha.nic.in Email : dacdteodisha@gmail.com / ccrdiploma2019@gmail.com

- Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test)-NA
- Calendar for admission against Management/vacant seats:NA
- Last date of request for applications: Before August 15th/ As decided by Govt
- Last date of submission of applications: Before August 15th/ As decided by Govt
- Dates for announcing final results: Before August 15th/ As decided by Govt
- Release of admission list (main list and waiting list shall be announced on the same day)
- Date for acceptance by the candidate (time given shall in no case be less than 15 days)
- Last date for closing of admission: August 15th
- Starting of the Academic session:

i For First year of the programme:

Semester/ Event	Odd Semester	Even Semester
Commencement of Classes	1st August	1st January
End of Classes	30th November	30th April

ii Second year and on words of the Programme:

Semester/ Event	Odd Semester	Even Semester
Commencement of Classes	15th July	15th December
End of Classes	15th November	15th April

- The waiting list shall be activated only on the expiry of date of main list:NA
- The policy of refund of the fee, in case of withdrawal, shall be clearly notified- Returned by the Central Admission core committee,

12. Criteria and Weight ages for Admission

- Describe each criterion with its respective weight ages :Marks in qualifying examination
- Mention the minimum level of acceptance, if any: NA
- Mention the cut-off levels of percentage and percentile score of the candidates in the admission test for the last three years: Very from Branch to Branch
Refer www.samsodisha.gov.in
- Display marks scored in Test etc. and in aggregate for all candidates who were admitted-web site _NA

13. List of Applicants

- List of candidate whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats-NA

14. Results of Admission Under Management seats/Vacant seats

- Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over) and SPOT admission if the seats are vacant.
- Score of the individual candidate admitted arranged in order or merit: web site
- List of candidate who have been offered admission: web site
- Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate: web site
- List of the candidate who joined within the date, vacancy position in each category before operation of waiting list: web site

15. Information of Infrastructure and Other Resources Available

a) Administrative Area (Carpet Area):

Type	Actual Room Area (Sq.m.)	Expected Room Area (Sq.m.)
Principal / Director Office	42	30
Board Room	20	20
Office All Inclusive	210	150
Department Offices/Cabin for Head of Dept	176	100
Central Store	141	30
Maintenance	94	10
Security	12	10
Housekeeping	15	10
Pantry for Staff/Faculty	15	10
Exam Control Office	46	30
Training Placement Office	67	30
	838	430

b) Amenities Area (Carpet Area)

Type	Actual Room Area (Sq. m.)	Expected Room Area (Sq. m.)
------	---------------------------	-----------------------------

Boys Common Room	100	75
Girls Common Room	100	75
Cafeteria	216.37	150
Stationery Store	134	10
First aid cum Sick Room	70	10
	620.4	320

c) Computers, Software, Internet and Printers

Type	Available	Required
Internet Bandwidth	32	16
Printers	8	7
A1 size Color Printers	1	0
Legal Application S/W	20	20
Legal System S/W	20	3
PCs to Student ratio	135	130
	216	176

d) Books and Library facilities

Type	Available	Required
Volumes	5120	2375
Titles	900	325
National Journals	15	15
Library Management Software	1	1
Reading Room Capacity	120	117
MultiMediaPC	10	8

e) Addition Infrastructure:

Type	Available	Required
Computer Center	232	150
Library & Reading Room	560	300
Language Laboratory	70	66

f) Land Requirement:

Type	Available	Required
Total Area of Land	10	4
Maximum number of Pieces	1	1
Minimum per Piece of Area	10	4

g) Instructional Area (Carpet Area)

Type	Actual Room Area (Sqm.)	Expected Room Area (Sqm.)
Class Rooms	820	660
Tutorial Room	255	99
Additional Workshop/Labs	994	800
Laboratories	2516	1518
Workshops - Basic	444	200
Drawing Halls	233	132
Seminar Hall	500	132
	5762	

h) Essential and Desirable requirements

Sr. No.	Type	Availability
1	All Weather Approach (Motorized Road)	Yes
2	Barrier free Environment	Yes
3	Electric Supply	Yes
4	General Insurance	Yes
5	Institution Web Site	Yes
6	Standalone Language Laboratory	Yes
7	Medical & Counseling	Yes
8	Notice Boards	Yes
9	Potable Water Supply	Yes
10	Safety Provisions	Yes
11	Sewage Disposal System	Yes
12	Telephone & FAX	Yes
13	Vehicle Parking	Yes
14	First Aid	Yes
15	Appointment of Student Counsellor	Yes
16	Establishment of Anti Ragging committee	Yes
17	Establishment of committee for SC/ST	Yes
18	Establishment of Internal Complaint Committee(ICC) As per section 4 of Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act,2013	Yes

19	Establishment of Grievance Redressal Committee in the Institute and Appointment of OMBUDSMAN by the University	Yes
20	Digital Payment for all Financial Transactions as per MHRD Directives	Yes
21	Compliance of the National Academic Depository(NAD) as per MHRD Directives	Yes
22	Display Board within the premises as well as in the Website of the Institution Indicating the Feedback Facility of Students and Faculty available in the AICTE Web Portal	Yes
23	Implementing Food Safety and Standard Act,2006 in the Institution	Yes
24	Copies of AICTE Approvals (LOA and EOA of subsequent years)obtained since Inception of Institution till date shall be placed in the Website of the Institution	Yes
25	Provision to watch MOOCS Courses through Swayam	Yes No
26	Implementation of Unnat Bharat Abhiyan	No
27	Institution-Industry Cell	Yes
28	Group Insurance for Employees	Yes
29	Insurance for Students	Yes
30	Applied membership-National Digital Library	No
31	Implementation of Security Measures	Yes
32	Online Grievance Rederssal Mechanism	Yes

i) BUILDING DETAILS:

S.No	Building Name	Building Number	Sanctioned Build Up Area	Constructed Build Up Area	Approved Carpet Area-Instructional	Constructed Carpet Area-Instructional	Approved Carpet Area-Amenities	Constructed Carpet Area-Amenities	Total Area Approved	Total Area Constructed	Building		
1	Administrative Buildings	1	715	644	644	644	526	526	39	39	715	644	Administrative Building
2	Academic Buildings	2	7,602	6,842	5,165	5,165	92	92	343	343	7,602	6,842	Academic Building
3	Workshop Buildings	3	4,035	3,630	1,904	1,904	169	169	784	784	4,035	3,630	Workshop Building
4	Cafeteria Building	4	619	600					541	541	619	600	Cafeteria Building
5	Boys Hostel	5	2,477	2,230					2,000	2,000	2,477	2,230	Boys Hostel-1
6	D-Type Qtr	6	585	550					550	550	585	550	D-Type Qtrs
7	F-Type Qtr	7	418	400					400	400	418	400	F-Type Qtrs
8	Principal Qtr	8	150	130					135	135	150	135	Principal Qtrs
9	Girls Hostel	9	2,477	2,230					2,000	2,000	2,477	2,230	Girls Hostel
10	Boys Hostel	5	2,477	2,230					2,000	2,000	2,477	2,230	Boys Hostel-2

Laboratory and Workshop(Department wise)

Sl.No	Name of the Department	Name of the Laboratory	Availability of equipment / machines

1	Math & Science	Physics Lab.	Yes
		Chemistry Lab.	Yes
		English Communication Lab.	Yes
		Computer Center	Yes
		Drawing Hall	Yes
2	Civil Engineering	Civil Engg Lab.-I(Material Testing & Concrete)	Yes
		Civil Engg Lab.-II (Soil & Bitumen Testing Lab)	Yes
		Surveying Lab	Yes
		CAD Lab.	Yes
		Project Room	Yes
3	Electrical Engineering	Civil Engg Drawing Hall	Yes
		Electrical Machine Lab-I	Yes
		Electrical Machine Lab-II	Yes
		Power Electronics & CT Lab	Yes
		Electrical Workshop & Project Room	Yes
		Basic ETC & Analog Lab	Yes
		Digital & Microprocessor Lab	Yes
		PLC Lab	Yes
		Electrical Engg Drawing Hall	Yes
		Project Room	Yes
MAT Lab	Yes		
4.	Mechanical Engineering	Mechanical Engg Lab	Yes
		Fluid Mechanics & Hydraulics Lab	Yes
		CAD/CAM Lab.	Yes
		Theory of Machine and Measurement lab	Yes
		Automobile, Heat & power Lab	Yes
		Mechanical Design Lab/Workshop	Yes
		Mechanical Engg. Drawing lab	Yes
5.	Mining Engineering	Mine Survey Lab	Yes
		Geology Lab	Yes
		Mine Ventilation Lab	Yes
		Mine Environment & Haraz Lab	Yes
		Mine Machinery Lab	Yes
		Mines Project Room	Yes
		Application of Software in mines Lab	Yes
6.	Metallurgy	Heat Treatment Laboratory	Yes
		Metallographic Lab.	Yes
		Material Testing Lab.	Yes
		Mineral Processing Lab.	Yes
		Foundry Engg Lab.	Yes
7.	Work Shop	Fitting Shop	Yes
		Machine Shop	Yes
		Sheet Metal/Welding	Yes
		Blacksmith & Foundry/ carpentry	Yes
		Turning Section	Yes

- List of Major Equipment/Facilities in each Laboratory/ Workshop: Web site
- List of Experimental Setup in each Laboratory/ Workshop: Web site
- Innovation Cell:

Its primary mandate is to encourage, inspire and nurture young students by exposing them to new ideas and processes resulting in innovative activities. It will undertake major programs such as Network of Innovation Clubs (NIC), Atal Ranking of Institutions on Innovation Achievements (ARIIA), National Student Startup Policy (NSSP). It will prescribe basic framework for structure, formation, structure and smooth running of ICs in each HEIs and share list of different activities which ICs need to undertake for entire

academic year. The fellow's role will focus on supporting the Innovation Cell on specific projects by taking complete ownership from conceptualization to execution, drive decision making through critical/thorough analysis, add value to the Innovation Cell by conceptualizing innovative ideas, and deliver satisfactory results. The focus areas of the Innovation Cell include Innovation Policy, enabling startup communities, facilitating setting up more niche academic and corporate incubators.

□ **Social Media Cell:**

- 1 – Facebook. This is easily the largest social networking site
- 2 – WhatsApp. ...
- 3 – QZone. ...
- 4 – Tumblr. ...
- 5 – Instagram. ...
- 6 – Twitter. ...
- 7 – Google+
- 8- LinkedIn

□ **List of facilities available**

- *Hostel for Boys & Girls*
- *Web based class monitoring system*
- *Ladies & Gents toilets, Special toilets for PWD students*
- *Stationery store and reprography, first-aid-cum sick room*
- *Well-equipped Classrooms, Smart Class Room, Drawing Hall, Computer Centre*
- *Well-equipped laboratory facilities in all Departments*
- *Digital Library facilities at Library*
- *Principal's & Staff Quarter*
- *Students' Canteen*
- *Students' Common Room (Boys / Girls)*
- *CCTV monitoring System*
- *Facility for Class Note & Solve Question answers*
- *Weekly class test(OMR)*
- *Summer Training for Students*
- *Advanced Training Modular course*
- *Provision for stipend for ST & SC ,Construction/Bidi Workers and General Meritorious students,Pragati for Girls*
- *Hostel welfare Committee & PTC*
- *Drinking Water Facilities*
- *Indoor Games & Institution Playground.*
- *Conduct of Doubt classes, Extra English Course*
- *Nearby Banking facilities & ATM facility*
- *Nearby Good Market facility*
- *Institution Bus facilities*



Hostel Facility

Hostel facility is available in the institute for both boys & girls from 1st semester onwards. Students who desire to stay in the hostel shall have to pay hostel admission fees @ Rs.3000/-(Rupees Three Thousand) per annum which may be changed as per the order of the Government from time to time. The study hour has been maintained from 6.30Am to 9.30AM & 6PM to 9 PM.

Institution Library:



The institution library is having a good collection of Text more than 5000 with latest editions of different publishers and reference books & Journals(National) for use by the students and faculties. The Library has been opened from 8AM to 8PM. The students can download their materials from digitalLibrary,e-Library,E-Books with high speed internet Broadband connection.



- Games and Sports Facilities-**
 - Athletics field
 - Football pitch
 - Outdoor tennis courts
 - Cricket pitch
 - Volly ball pitch
 - Gymnastics hall

- Extra-Curricular Activities-**
 - Impressed by students with leadership skills. ...
 - Academic Teams and Clubs. ...
 - The Debate Team. ...
 - The Arts. ...
 - Internships. ...
 - Culture Clubs. ...
 - Volunteer Work and Community Service. ...
 - The Student Newspaper.
 - Yoga
 - Painting

- Soft Skill Development Facilities**
 - ❖ Skill development centre and Language Laboratory
 - ❖ Pre placement Training
 - ❖ **improve one's communication and life**
 - ❖ Basic Personalities Development
- Teaching Learning Process**
 - Classroom Teaching including PPT
 - Clear Lesson Goals
 - Show & Tell. ...
 - Questioning to Check for Understanding. ...
 - Summarise New Learning In A Graphical Way. ...
 - Plenty of Practice. ...
 - Provide Students With Feedback. ...
 - Be Flexible About How Long It Takes to Learn.
 - Analyzing needs for implementing an active learning strategy. ...
 - Identify topic and questions. ...
 - Identify learning objectives & outcomes. ...
 - Plan and design the activity. ...
 - Identify sequence of learning events. ...
 - Evaluate and assess.
- Curricula and syllabus for each of the programmes as approved by the University-YES
- Academic Calendar of the University-YES
- Academic Time Table with the name of the Faculty members handling the Course-YES
- Teaching Load of each Faculty- 20 periods
- Internal Continuous Evaluation System and place-YES
- Student's assessment of Faculty, System in place-YES
- Curricula and Syllabi- Web page
- Laboratory facilities -YES
- Software, all design tools in case-YES
- Academic Calendar and frame work-YES

16. Enrollment of students in the last 3 years

Sl.No	Name of the Course/Branch	Sanctioned intake Strength by AICTE	Sanctioned intake+ TFW(5%)+EWS(10%)+10%(Lat)+ of sanctioned Intake	Students admitted in 2019-20	Students admitted in 2020-21	Students admitted in 2021-22
1.	Civil Engg.	60	60+03(TFW)+06(EWS)+06(L)	60+03+05(L)	60+03+06(L)	60+03(TFW)+6(EWS)+12(L)
2.	Electrical Engg.	60	60+03(TFW)+06(EWS)+06(L)	60+03+07(L)	60+03+07(L)	60+03(TFW)+6(EWS)+6(L)
3.	Mechanical Engg.	60	60+03(TFW)+06(EWS)+06(L)	60+03+06 (L)	60+03+06 (L)	60+03(TFW)+6(EWS)+6(L)
4.	Mining Engg.	60	60+03(TFW)+06(EWS)+06(L)	60+03+06(L)	60+03+06(L)	60+03(TFW)+6(EWS)+6(L)+1(LT)
5.	Metallurgy Engg.	60	60+03(TFW)+06(EWS)+06(L)	60+03+07(L)	60+03+07(L)	60+03(TFW)+6(EWS)+11(L)+1(LT)
	Total	300	300+15+30+30 =375	300+15+31 =346	300+15+31 =346	300+15+18+41+2(LT) =388

17. List of Research Projects/ Consultancy Works

- Number of Projects carried out, funding agency, Grant received: Available
 Publications (if any) out of research in last three years out of masters projects: NA
 Industry Linkage: Yes
 MoUs with Industries (minimum 3): YES

18. LoA and subsequent EoA till the current Academic Year

Permanent Id		1-2057811541		Application Id		1-10974193358	
Name of the Institute		GOVT. POLYTECHNIC		Name of the Society/Trust		DIRECTORATE OF TECHNICAL	
Institute Address		RAGADI, JAJPUR, ORISSA., JAJPUR, JAJPUR, Odisha, 755019		Society/Trust Address		AT- KILLAMAIDAN BUXI BAZAR CUTTACK,CUTTACK,CUTTACK,Or	
Institute Type		Government		Region		Eastern	
Sl No	Application Id	Permanent Id		FT/PT	Academic Year	Course	
1	1-10974193358	1-2057811541	EOA Recommended by Council	FT	2022-23	CIVIL ENGINEERING-60 ELECTRICAL ENGINEERING-60 MECHANICAL ENGINEERING-60 MINING ENGINEERING-60 METALLURGY-60	
2	1-9318328388	1-2057811541	EOA Recommended by Council	FT	2021-22	CIVIL ENGINEERING-60 ELECTRICAL ENGINEERING-60 MECHANICAL ENGINEERING-60 MINING ENGINEERING-60 METALLURGY-60	
3	1-7014013022	1-2057811541	EOA Recommended by Council	FT	2020-21	CIVIL ENGINEERING-60 ELECTRICAL ENGINEERING-60 MECHANICAL ENGINEERING-60 MINING ENGINEERING-60 METALLURGY-60	
4	1-4260044013	1-2057811541	EOA Recommended by Council	FT	2019-20	CIVIL ENGINEERING-60 ELECTRICAL ENGINEERING-60 MECHANICAL ENGINEERING-60 MINING ENGINEERING-60 METALLURGY-60	
5	1-3510644792	1-2057811541	EOA Recommended by Council	FT	2018-19	CIVIL ENGINEERING-60 ELECTRICAL ENGINEERING-60 MECHANICAL ENGINEERING-60 MINING ENGINEERING-60 METALLURGY-60	
6	1-3328203596	1-2057811541	EOA Recommended by Council	FT	2017-18	CIVIL ENGINEERING-60 ELECTRICAL ENGINEERING-60 MECHANICAL ENGINEERING-60 MINING ENGINEERING-60 METALLURGY-60	
7	1-2812035896	1-2057811541	EOA Recommended by Council	FT	2016-17	CIVIL ENGINEERING-60 ELECTRICAL ENGINEERING-60 MECHANICAL ENGINEERING-60	

						Mining Engineering-60 Metallurgy-60
8	1-2492000831	1-2057811541	EOA Recommended by Council	FT	2015-16	Civil Engineering-60 Electrical Engineering-60 Mechanical Engineering-60
9	1-2057811541	1-2057811541	EOA Recommended by Council	FT	2014-15	Civil Engineering-60 Electrical Engineering-60 Mechanical Engineering-60

19. Accounted audited statement for the last three years- YES Audited

20. Best Practices adopted, if any

- Each department has an innovation idea cell for improvements of students in their project work.

Teaching:

1. Curricula Aspects
2. Teaching-Learning and Evaluation
3. Research, Consultancy and Extension
4. Infrastructure and Learning Resources
5. Student Support and Progression
6. Governance Leadership and Management
7. Innovations and Best Practices

(1) Innovative content development: The curriculum at present is extensive. It required to coverage of the stipulated material – both in terms of depth of coverage and quantity of material covered.

- Ideal courses & Lecturer materials
- compendium of problems (relevant to the Indian context)
- desired practical projects to be associated with the courses
- laboratory manuals & template for laboratory reports
- Supplementary study material for laboratory courses
- e-resource list to enhance the learning process (through specialized software, animations, experimentation platforms).
- Access of NPTEL resources
- Formula based learning, which restricts intellectual enquiry.
- Promote critical thinking.
- Should be coupled with proper teaching tools and aids for effective teaching.

(2) Free teaching facility by Experienced Teacher

All Students can access doubt clearing facility from experienced teacher through Toll free telephone/mobile during off hour so that new/ other institution will get benefited where experienced teachers are not available.

(3) Text-books (electronic and paper format) development:

- The encourage and support writing of quality text-books, keeping in mind the Diploma level student,
- e-resources that may aid understanding of particular topics can also be developed.

(4) Design of experiments and set-ups: Experimentation and fear of hardware is a common for technical education.

- Small kits to set up simple experiments will also be developed, for the student to assemble, and conduct the experiment.
- The basic idea is to ensure certain minimum standardized experiments to be mandatorily introduced in all the institutions
- enabled teachers – with intellectual capability, rigorous training and an exploratory frame of mind.

(5) Short-courses and workshops in niche areas:

- Periodically, short-courses in niche areas will be conducted to bring the latest in the field of engineering to the teachers. This will give the potential researchers an opportunity to interact with the experts, learn about the subject.
- The courses can span four days to two-weeks.

(6) Teaching work-shops in specific cluster of courses:

Attending several conferences to which teachers go to, to present their papers. However, there is no platform where teachers can interact with faculty at NITs/IITs/ other leading institutions/ leading authors in India and work out effective methods of teaching a subject. Such workshops will expose the teachers of this specific ideas of courses to fine-tune their teaching skills, clear fundamental doubts, develop new ways of looking at the subject, and possibly develop innovative new solutions to classical questions.

(7) Seminars: Invited researchers and teachers will be invited to deliver seminars which will be web-cast to participating institutions for creation of a good platform for interaction, sharing of resources, intellectual discussion, continued learning, and knowledge improvement. Such a platform should provide access to the teachers and students (potential teachers of the future) to a window of interaction with the best brains.

(8) Reports: The Institution will bring out annual reports on all activities of the Institution with review/comments/suggestions on technical education for reference to other institution.

(9) Academic Audit

Monthly Academic review can act as the catalyst for overall improvement of quality of technical education

(10) Administrative and infra-structural support:

- A healthy academic environment
- Beautiful gardens in and around
- Access to Seminar rooms/class-rooms with multi-media facilities (Smart Class room) for other institution
 - Access to Digitations of library/central laboratories/workshop for other institution