

1. Name of the Institution

Name of the Institute	JHARSUGUDA ENGG. SCHOOL, JHARSUGUDA	Address of the Institute	NEAR BADHEIMUNDA CHOWK, AT/PO- K M ROAD
State	Odisha	District	Jharsuguda
Pin	768202	AICTE Region	Eastern
Town/Village	Jharsuguda	STD code	06645
Land Phone No.	249107	Email	principal_jes@rediffmail.com
Cell No.	9437155107	Alternate Email	
FAX No.	272605	Website	www.jesjsg.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	MRS.	PRAGATI	Last Name	DAS
Address	PRINCIPAL, JHARSUGUDA ENGG. SCHOOL, JHARSUGUDA, NEAR BADHEIMUNDA CHOWK		Town/Village;	JHARSUGUDA
State/UT	Odisha	District	JHARSUGUDA	
Pin Code	768202	Designation	PRINCIPAL	
Cell No.	9437861589	Alternate Cell No.	8658715715	
Email	principal_jes@rediffmail.com	Alternate Email Address	daspragati.das@gmail.com	
STD Code	06645	Land Phono:272605	Fax No.	272605

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

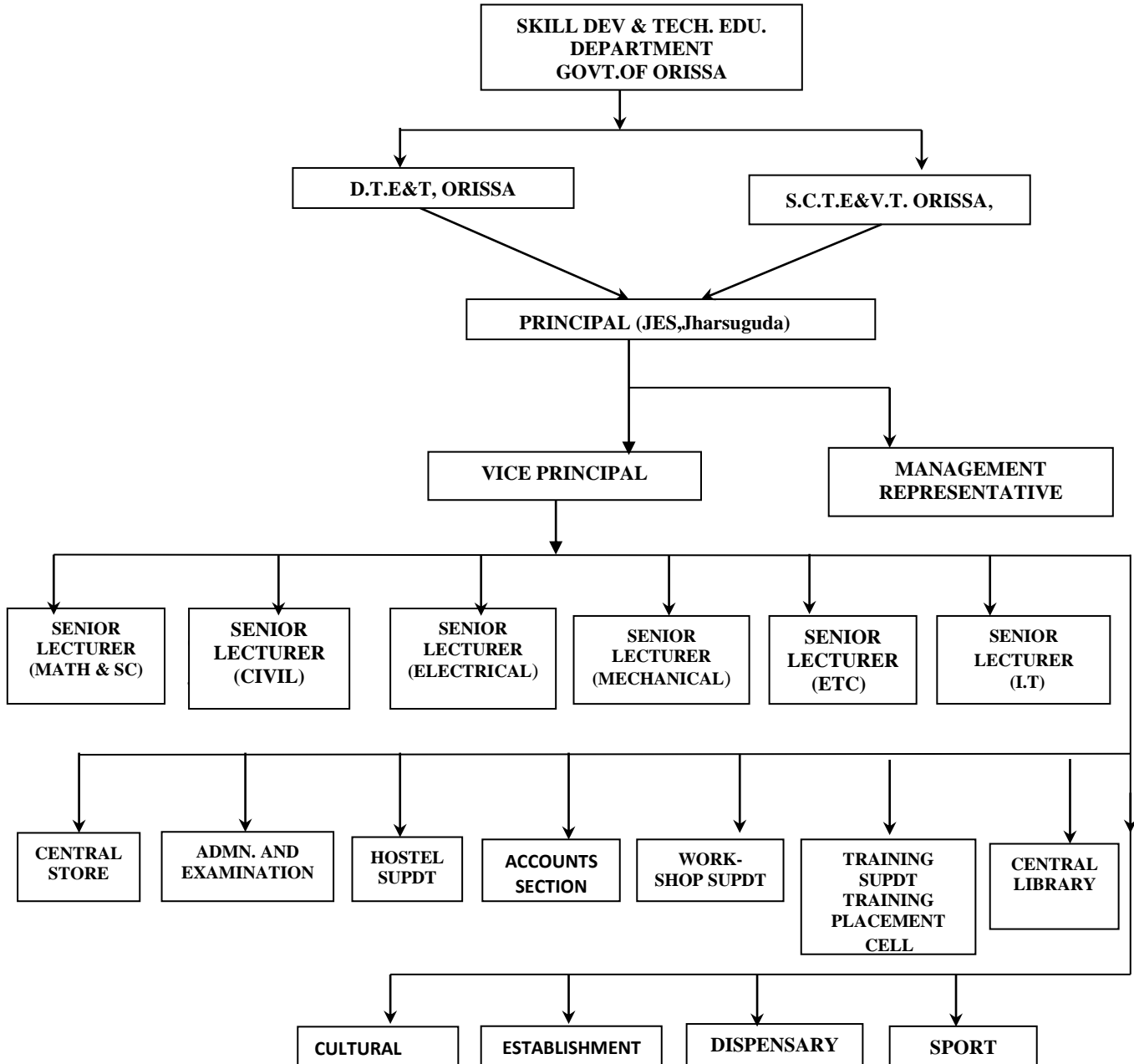
MEMBERS OF BOARD OF GOVERNERS:	
The Collector and District Magistrate, Jharsuguda	Chairman
Hon'ble MLA, Jharsuguda	Member
DTE&T, Odisha or his Nominee	Member
The Vice Chairman, SCTE&VT, Bhubaneswar or his Nominee	Member
Director, Indian Institute of Production Management, Kansbahal.	Member
Principal, JES, Jharsuguda	Member Convener
G.M. HR & IR, TRL, Krosaki, Belpahar or his representative	Member
Vice President & Unit Head, Ultratech Cement Ltd., Arda, Jharsuguda	Member
C.E.O., Vedanta Aluminium Ltd., Bhurkamunda, Jsg or his representative	Member
Executive Engineer, R & B Division, Jharsuguda	Member
General Manager, DIC, Jharsuguda	Member

b) Members of Academic Advisory Body

Academic Adversory Body	
Sri Sudhanshu Ray(Workshop Supdt),Academic Cordinator	Chairman
Mr Shishir Naik, Lecturer (Math)	Member
Mr. S.N. Ray, Lecturer(Mechanical)	Member
Sri Satyananda Sethi, Lecturer (Civil)	Member
Miss Seema Lakra, Lecturer (Electrical)	Member
Mrs Jyoti Naik, Lecturer (ETC)	Member
Mrs Anitarani Brahma, Lecturer (I.T)	Member
Mr Saroj Sahu, Lecturer (Mechanical)	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 mentained

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

i) Establishment of Anti-Ragging Committee

01	Dr. Krutibas Choudhury, Principal	-	Chairman
02	Sub-Divisional Police Officer, Jharsuguda	-	Member (Police Admn.)
03	Tahasildar, Jharsuguda	-	Member (Civil Admn.)
04	Er. Narahari Patel, Retd. Director (OHPC)	-	Member (Eminent Citizen)
05	Sri L.M. Dash, Retd. Principal, Womens College, Jharsuguda	-	Member (Eminent Citizen)
06	Principal, Laxminarayan College, Jharsuguda	-	Member
07	Smt. Anandini Padhi, Secretary, SAHADA (NGO), Jharsuguda	-	Member (NGO)
08	Er. Sudhansu Ray, Workshop Supdt.	-	Member (Teaching Staff)
09	Sri S.N. Ray, Lecturer (Mech.)	-	Member (Teaching Staff)
10	Sri S.K. Naik, Lecturer (Math.)	-	Member (Teaching Staff)
11	Sri S.N. Sethi, Lecturer (Civil)	-	Member (Teaching Staff)
12	Sri S.S. Tripathy, Lecturer (Civil)	-	Member (Teaching Staff)
13	Sri Swapnashish Patel, Lecturer (Civil)	-	Member (Teaching Staff)
14	Smt. Amrapalli Sahoo, Lecturer (Civil)	-	Member (Teaching Staff)
15	Smt. Anima Ekka, Lecturer (English)	-	Member (Teaching Staff)
16	Miss. Seema Lakra, Lecturer (Elect.)	-	Member (Teaching Staff)
17	Smt. Astasmita Mishra, Lecturer (Elect.)	-	Member (Teaching Staff)
18	Sri D.K. Roul, Lecturer (Elect.)	-	Member (Teaching Staff)
19	Sri Rajib Ratan Patel, Lecturer (Elect.)	-	Member (Teaching Staff)
20	Sri Saroj Kumar Sahoo, Lecturer (Mech.)	-	Member (Teaching Staff)
21	Sri Rakesh Kumar Mahanta, Lecturer (Mech.)	-	Member (Teaching Staff)
22	Smt. Puspita Baskey, Lecturer (Mech.)	-	Member (Teaching Staff)
23	Smt. Jyoti Naik, Lecturer (ETC.)	-	Member (Teaching Staff)
24	Smt. Anitarani Brahma, Lecturer (I.T.)	-	Member (Teaching Staff)
25	Sri B.D. Maharana, Sr. Instructor	-	Member (Para Teaching Staff)
26	Sri P.N. Seth, Lab. Instructor	-	Member (Para Teaching Staff)
27	Sri D.N. Dharua, Head Clerk	-	Member (Non Teaching Staff)
28	Sri Smruti Ranjan Behera, 5 th Semester (Civil)	-	Student Member
29	Miss Subhashree Patel, 5 th Semester (Civil)	-	Student Member
30	Abuswale Khan, 5 th Semester (Mech.)	-	Student Member
31	Asha Jyoti Kerketta, 5 th Semester (Mech.)	-	Student Member
32	Sri Pankaj Gupta, 5 th Semester (Elect.)	-	Student Member
33	Miss Lipsa Panda, 5 th Semester (Elect.)	-	Student Member
34	Sri Sashikanta Tanty, 5 th Semester (ETC.)	-	Student Member
35	Sri Subham Sarangi, 5 th Semester, 5 th Semester (I.T.)	-	Student Member
36	Miss Rajlaxmi Pattnaik, 5 th Semester (I.T.)	-	Student Member

The committee will closely monitor the activities of the senior students and their attitude towards

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

k) Establishment of Internal Complaint Committee (ICC)

SL NO	NAME	DESIGNATION	COMMITTEE MEMBERS
1	MRS PRAGATI DAS	PRINCIPAL	PRESIDING OFFICER
2	MRS ANIMA EKKA	LECTURER, ENGLISH	INTERNAL MEMBER
3	MRS AMRAPALLI SAHOO	LECTURER, CIVIL	INTERNAL MEMBER
4	MRS SEEMA LAKRA	LECTURER, ELECTRICAL	INTERNAL MEMBER
5	MRS JYOTI NAIK	LECTURER, E&TC	INTERNAL MEMBER
6	MRS ANITARANI BRAHMA	LECTURER, IT	INTERNAL MEMBER
7	MRS PUSPITA BASKEY	LECTURER, MECHANICAL	INTERNAL MEMBER
8	MRS PRAVASINI TRIPATHY	JR. CLERK	INTERNAL MEMBER
9	MRS ANANDINI PADHI	DIRECTOR, SEHEDA(N.G.O.)	OUTSIDE 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 Chancellors by rotation from Public Universities of the State Concerned.
- ✓ Secretary (Higher Technical Education) of the State Concerned - Governor

m) Establishment of Committee for SC/ST

SL NO	NAME	DESIGNATION	COMMITTEE MEMBERS
1	MRS PRAGATI DAS	PRINCIPAL	CHAIRMAN
2	MR SUDHANSHU RAY	WORKSHOP SUPTD.	MEMBER SECRETARY
2	MR SATYANANDA SETHI	LECTURER, CIVIL	MEMBER
3	MRS ASTAMITA MISHRA	LECTURER, ELECTRICAL	MEMBER
3	MRS JYOTI NAIK	LECTURER, E&TC	MEMBER
4	MR DUSMANTA BARIHA	LECTURER, MECHANICAL	MEMBER
5	MISS LAXMI MAJHI	LECTURER, MATHEMATICS	MEMBER
6	MR SANKAR PRASAD PRADHAN	LAB ASSISTANT, E&TC	MEMBER
7	MR GOPAL CHANDRA MAHARANA	DISTRICT COORDINATOR,	OUTSIDE MEMBER
8	MR BIJAY KUMAR PATEL	DWO, JHARSUGUDA	OUTSIDE MEMBER

n) Internal Quality Assurance Cell

SL NO	NAME	DESIGNATION	COMMITTEE MEMBERS
1	MRS PRAGATI DAS	PRINCIPAL	PRESIDING OFFICER
2	MR SUDHANSHU RAY	WORKSHOP SUPDT	MEMBER CONVENER
3	MR SISIR NAIK	LECTURER, MATHEMATICS	MEMBER
4	MR S.N. RAY	LECTURER, MECHANICAL	MEMBER
5	MR S. SETHY	LECTURER, CIVIL	MEMBER
6	MRS SEEMA LAKRA	LECTURER, ELECTRICAL	MEMBER
	MRS JYOTI NAIK	LECTURER, E&TC	MEMBER
8	MRS ANITARANI BRAHMA	LECTURER, IT	MEMBER
9	MR S. SAHOO	LECTURER, MECHANICAL	MEMBER
10	MR R. K. MOHANTA	LECTURER, MECHANICAL	MEMBER
11	MR S. PATEL	LECTURER, CIVIL	MEMBER
12	MR S. S. TRIPAHTY	LECTURER, CIVIL	MEMBER
13	MR. D. DHARUA	HEAD CLERK	MEMBER
14	MR K M DAS	STENO	MEMBER

6. Programmes:

a) Name of Programmes approved by AICTE:

Sl. 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	1-1457329606	ENGINEERING AND TECHNOLOGY	State Council for Technical Education & Vocational Training, Bhubaneswar, Odisha Under Director of Technical Education & training, Odissa	DIPLOMA	CIVIL ENGINEERING	1 ST	3	1957	FULL TIME
2	1-1457329611				ELECTRICAL ENGINEERING		3	1955	FULL TIME
3	1-1457329609				MECHANICAL ENGINEERING		3	1955	FULL TIME
4	1-1457329613				ETC ENGINEERING		3	1985	FULL TIME
5	1-1457329615				INFORMATION TECHNOLOGY		3	2001	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; NA

f. Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved for..... Courses: NA

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	2016-17	Civil Engineering	69	1	3.2 lakh
		Electrical Engineering	109	11	2.8 lakh
		Mechanical Engineering	110	22	2.6 lakh
		ETC Engineering	15	3	2.9 lakh
		Information Technology	15	0	3.2 lakh
2	2017-18	Civil Engineering	76	3	3.2 lakh
		Electrical Engineering	110	9	2.9 lakh
		Mechanical Engineering	123	19	3.2 lakh
		ETC Engineering	30	3	2.95 lakh
		Information Technology	18	0	3.0 lakh
3	2018-19	Civil Engineering		2	3.2 lakh
		Electrical Engineering		6	3.2 lakh
		Mechanical Engineering		10	3.2 lakh
		ETC Engineering		1	3.2 lakh
		Information Technology		0	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:

Sl. No.	FACULTY UNIQUE ID	FIRST NAME	MIDDLE NAME	LAST NAME	EXACT DESIGNATION	APPOINTMENT TYPE	COURSE	DATE OF JOINING (DD-MON-YY)	PG DEGREE	UG DEGREE
1	1-2980259437	DEEPAK	KUMAR	ROUL	LECTURER	Regular	ELECTRICAL ENGINEERING	14-OCT-15	NA	B.TECH(ELECTRICAL)
2	1-3606818719	SATYANANDA		GADTIA	LECTURER	Adjunct	FIRST YEAR/OTHER	26-AUG-17	NA	M.SC.(MATH)
3	1-3618309426	JASMIN	DHURUA	KALO	LECTURER	Adjunct	ETC	27-JUL-17	NA	BTECH
4	1-4735245968	DHANURJAYA		BEHERA	LECTURER	Regular	CIVIL ENGINEERING	18-JAN-19	MTECH	BTECH
5	1-4737416319	JAGANNATH		ORAM	LECTURER	Regular	FIRST YEAR/OTHER	21-JAN-19	MSC	BSC
6	1-4741916218	BABITA		PADHI	LECTURER	Regular	FIRST YEAR/OTHER	15-JAN-19	NA	MSC(PHY)
7	1-1548366559	SABYASACHI		SARANGI		Adjunct	IT	21-AUG-17	NA	B.TECH
8	1-2980509081	SAROJ		SAHU	LECTURER	Regular	MECHANICAL ENGINEERING	26-NOV-15	NA	B.TECH(MECHANICAL)
9	1-3598982345	ASTAMITA		MISHRA	LECTURER	Regular	ELECTRICAL ENGINEERING	11-NOV-13	MTECH	NA
10	1-4735245961	JYOTI	RANJAN	NAYAK	LECTURER	Regular	ELECTRICAL ENGINEERING	17-JAN-19	NA	BTECH
11	1-4744461269	RABI	KUMAR	DARJI	LECTURER	Adjunct	INFORMATION TECHNOLOGY	06-AUG-18	NA	BTECH
12	1-2980394083	SWAPNASHISH		PATEL	LECTURER	Regular	CIVIL ENGINEERING	05-OCT-15	NA	B.TECH(CIVIL)
13	1-3618309566	RAMAKRISHNA		MISHRA	LECTURER	Adjunct	ELECTRICAL ENGINEERING	21-AUG-17	NA	BTECH
14	1-4732137734	ALOK		BARA	LECTURER	Regular	MECHANICAL ENGINEERING	17-JAN-19	MTECH	BTECH
15	1-4736379745	ABHISHEK		NAYAK	LECTURER	Regular	CIVIL ENGINEERING	16-JAN-19	NA	BTECH
16	1-4742191115	YASOBANTI		NAYAK	LECTURER	Regular	ETC	16-JAN-19	NA	BTECH

17	1-2080341943	BIRENDRA		KISHAN	LECTURER	Regular	MECHANICAL ENGINEERING	24-JAN-19	NA	B.E.(MECH)
18	1-2980340799	RAJIV	RATAN	PATEL	LECTURER	Regular	ELECTRICAL ENGINEERING	13-OCT-15	NA	B.TECH(ELECTRICAL)
19	1-2980394090	MANAS	RANJAN	PRADHAN	LECTURER	Regular	CIVIL ENGINEERING	06-OCT-15	NA	B.TECH(CIVIL)
20	1-2980509362	RAKESH		MAHANTA	LECTURER	Regular	MECHANICAL ENGINEERING	12-NOV-15	NA	B.TECH(MECHANICAL)
21	1-2980509369	SOUMYA	SAGAR	TRIPATHY	LECTURER	Regular	CIVIL ENGINEERING	16-NOV-15	NA	B.TECH(CIVIL)
22	1-3600291298	SEEMA		LAKRA	LECTURER	Regular	ELECTRICAL ENGINEERING	11-NOV-13	NA	BTECH
23	1-3606395851	ALAKA		PATEL	LECTURER	Adjunct	ELECTRICAL ENGINEERING	21-AUG-17	NA	BTECH
24	1-3606496346	SHITAL	PRASAD	YADAV	LECTURER	Adjunct	MECHANICAL ENGINEERING	21-AUG-17	NA	BTECH
25	1-3606674767	PRIYANKA		KALO	LECTURER	Adjunct	CIVIL ENGINEERING	01-SEP-17	NA	BTECH
26	1-3606731235	SMITARAN I		PATEL	LECTURER	Adjunct	CIVIL ENGINEERING	02-AUG-17	NA	BTECH
27	1-3606819546	PRADYUMNA	kumar	PATRA	LECTURER	Adjunct	MECHANICAL ENGINEERING	21-AUG-17	NA	BTECH
28	1-3618166576	PREETIMAYEE		SAHU	LECTURER	Adjunct	INFORMATION TECHNOLOGY	04-AUG-17	NA	BTECH
29	1-3618221946	EKTA		KANUNGO	LECTURER	Adjunct	ETC	25-JUL-17	NA	BTECH
30	1-3618396508	MANORANJAN		MISHRA	LECTURER	Adjunct	ETC	17-JUL-17	NA	BTECH
31	1-496564515	SHISHIR	KUMAR	NAIK		Regular	FIRST YEAR/OTHER	26-SEP-01	M. SC. (MATH.)	B. SC (MATH.-HONS.)
32	1-2980490304	PUSPITA		BASKEY	LECTURER	Regular	MECHANICAL ENGINEERING	19-NOV-15	NA	B.TECH(MECHANICAL)
33	1-2980509613	JYOTI		NAIK	LECTURER	Regular	ETC	12-NOV-15	NA	B.TECH(ETC)
34	1-3618396448	SUNIL		PAL	LECTURER	Adjunct	ELECTRICAL ENGINEERING	25-JUL-17	NA	BTECH
35	1-5169685339	VESAJINI		KALO	LECTURER	Adjunct	CIVIL ENGINEERING	26-JUL-18	NA	B.TECH(CIVIL)

36	1-5169818716	SMITA	RANI	PATEL	LECTURER	Adjunct	CIVIL ENGINEERING	26-JUL-17	NA	BTECH(CIVIL)
37	1-496623917	SUDHANSU		RAY	WORKSHOP SUPERITENDENT	Regular	FIRST YEAR/OTHER	22-JUL-91	M.E. (MECHANICAL)	B.SC. ENGG. (MECH.)
38	1-2980340896	DUSMANTA		BARIHA	LECTURER	Regular	MECHANICAL ENGINEERING	23-NOV-15	NA	B.TECH(MECHANICAL)
39	1-3606819396	SAMARESH		PATTANAIK	LECTURER	Adjunct	ETC	26-AUG-17	NA	BTECH
40	1-4733358377	PUJA		SWAIN	LECTURER	Regular	MECHANICAL ENGINEERING	16-JAN-19	NA	BTECH
41	1-4733717544	LIPSA		PANIGRAHI	LECTURER	Regular	ELECTRICAL ENGINEERING	15-JAN-19	MTECH	BTECH
42	1-5169512484	MADHUSMITA		DEHURY	LECTURER	Adjunct	CIVIL ENGINEERING	01-AUG-18	NA	B.TECH(CIVIL)
43	1-5169685332	PRIYANKA		KALO	LECTURER	Adjunct	CIVIL ENGINEERING	26-JUL-18	NA	B.TECH(CIVIL)
44	1-1548360484	SACHIN	KUMAR	SATPATRY	LECTURER	Adjunct	FIRST YEAR/OTHER	21-AUG-17		B.TECH
45	1-3618165976	ADIT	KUMAR	MISHRA	LECTURER	Adjunct	ELECTRICAL ENGINEERING	02-AUG-17	NA	BTECH
46	1-4741659973	LAXMI		MAJHI	LECTURER	Regular	FIRST YEAR/OTHER	22-JAN-19	NA	MSC(MATH)
47	1-4741916211	ROSHANI		PATRA	LECTURER	Regular	ETC	18-JAN-19	NA	BTECH
48	1-4745085586	BARSHARANI		PATEL	LECTURER	Adjunct	INFORMATION TECHNOLOGY	07-AUG-18	NA	BTECH
49	1-3600291361	SUSHANTA	KUMAR	PATRA	LECTURER	Regular	ETC	21-DEC-88	MTECH	AMIE
50	1-4737416312	RAJENDRA		DORA	LECTURER	Regular	ETC	19-JAN-19	NA	BTECH
51	1-4742606056	MIHIR	KUMAR	SOREN	LECTURER	Regular	MECHANICAL ENGINEERING	24-JAN-19	NA	BTECH
52	1-495254092	SURYA	NARAYAN	RAY	LECTURER	Regular	MECHANICAL ENGINEERING	10-JUL-98	M. TECH.	B. TECH. (MECH.)
53	1-2077756035	SATYANANDA		SETHI	LECTURER	Regular	CIVIL ENGINEERING	13-NOV-13	M.TECH.	B.TECH(CIVIL)
54	1-2077813599	AMARAPALLI		SAHOO	LECTURER	Regular	CIVIL ENGINEERING	23-DEC-13	NO	B.TECH(CIVIL)

55	1-2077844 954	ANIMA	EKKA	LECTURER	Regular	FIRST YEAR/OTH ER	03- DEC- 13	M.A.(ENG)	BA
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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	1-492988955	ENGINEERING AND TECHNOLOGY	ELECTRONICS & TELE-COMMUNICATION ENGINEERING	DIPLOMA	PARAMANDA	SETH	05/04/1990				ITI (ELECTRONICS), I.S.C.
2	1-492988959	ENGINEERING AND TECHNOLOGY	ELECTRONICS & TELE-COMMUNICATION ENGINEERING	DIPLOMA	SHANKAR	PRADHAN	05/04/1990				ITI (ELECTRONICS)
3	1-492988971	ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	DIPLOMA	DURGA	KANUNGO	05/07/2010	M.C.A.			B.S.C.
4	1-493065771	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	DIPLOMA	RAMESH	PANDA	02/07/2001				ITI (WELDING)
5	1-493065775	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	DIPLOMA	FULGENCE	TIRKEY	11/08/1989				ITI (PATTERN MAKING)
6	1-493126143	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	DIPLOMA	BENUDHAR	MOHARANA	02/06/1986				ITI (CARPENTRY)
7	1-493126147	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	DIPLOMA	SIVA	SINGH	09/08/1989				ITI (TURNNER)
8	1-493126301	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	DIPLOMA	BISWA	MISHRA	11/03/1982				B.S.C.
9	1-493126305	ENGINEERING AND TECHNOLOGY	FIRST YEAR/OTHER	DIPLOMA	GOPINATHI	MEHER	04/04/1990				B.S.C. (P.C.M.)

c) Admin & Library Staff

Sl. No.	Staff Id	First Name	Last Name	Date of Joining	Master Degree	Bachelor Degree	Diploma	Other Qualification
1	1-494457571	KSHETRA	DAS	21-12-1982				HSC
2	1-494483841	CHAKULU	HEMBRAM	01-03-1993				HSC
3	1-494483857	HAZARI	KISAN	13-12-1993				CLASS-VI
4	1-494483869	CHITTA	PADHI	10-09-1991				CLASS-IX
5	1-494483881	SURENDRA	PRADHAN	26-05-1992				CLASS-IX
6	1-494483889	JAYDEV	PUZARI					CLASS-VII
7	1-494483897	LOCHAN	BANCHHOR	23-10-2006				CLASS-VII
8	1-494483901	HARIHAR	BAKIK	23-10-2006				CLASS-VIII
9	1-495449361	KARMU	MAJHI	22-08-1997				CLASS-II
10	1-495449369	SIBA	SENDHRIYA	06-08-1997				CLASS-VII
11	1-2077887875	DAYANIDHI	DHARUA	22-03-1993				I.A.

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
Engineering and Technology	1:25	1	1 per Department	(S/25)-(A+B)	S/25
	1:25	1	07	47	55
S- Sum of the number of students as per "Approved Intake" at all years.					

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

Surname/Family name*: DAS

Date of Birth: 21/11/1965

FAX number: 272605

First Name*: PRAGATI

Cell Number*: 8658715715

Email: principal_jes@rediffmail.com

Father's Name: BRAJA BIHARI DAS

STD code: 6645

Mother's Name: GITA RANI DAS

Land Phone Number: 272605 PAN: ABXPD2722J

Educational details

Doctorate Degree: No

Master Degree: MASTER IN PHYSICS

Bachelors Degree: BACHELER IN SCIENCE



Other Qualification's: International Certification If Any: Field of Specialization: ELECTRONICS

Details Related to Profession

Date of joining the Institute: 6/2/2019

Appointment Type: Regular

Exact Designation: Principal

Work Experience Details

Teaching Experience (Years): 29

Research Experience (Years): 0

Industry Experience (Years): 0

Other Details

Research Projects Guided - UG

Research Projects Guided – PhD

Papers Published - National Level:

Research Projects Guided - PG

Number of Books Published:

Papers Published - International Level:

9. Fee

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

(a) **1st year** : the General category Students -**Rs. 5800/- per year**

- Tuition Fee Waiver (TFW) scheme, SC , ST category, the fee is **Rs. 3300/-per year.**

(b) **2nd/ 3rd year** : The Readmission fee -I **Rs.5000/-** per year for General category Student and TFW scheme, SC ,ST category students, fee **Rs. 2500/-per year**

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 Branch	Sanctioned Strength by AICTE	Seats under TFW Scheme(5%) of sanctioned Intake	Tuition Fee Waiver (TFW) Fees
1	Civil Engineering	90	04	Rs 3000/- per year per student
2	Electrical Engineering	120	06	
3	Mechanical Engineering	120	06	
4	ETC Engineering	60	03	
5	Information Technology	30	02	
	Total	420	21(TFW)	

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

i. Merit cum poverty (MCP) scholarships for 10% students in every discipline in every Govt. Institute.- meritorious **General category** Diploma Students of **1st, 2nd Year & 3rd Year** of this Institution for award of **Merit – Cum – Poverty Stipend**. The parent annual income from all source has **not exceed 4.5 Lakhs.**

- ii. **Post-metric scholarship(PMS)** under PRERANA& other financial assistance sanctioned by Govt. from time to time for ST/SC/OBC/SEBC// Minority Community students in all institutions.
- iii. Financial assistance to complete the study, If the parents/ financial guardian of the student dies during study period. (Orphan students who have **lost their Father/Mother**) they have to apply for FINANCIAL ASSISTANCE Scheme.
- iv. Financial assistance for Minority and PH student by Govt
- v. One time scholarship of **Rs.6000/-** to eligible topper students of 1st / 3rd / 5th semester examination under student welfare scheme.
- vi. Tuition Fee Waiver Scheme for admission to 5% supernumerary seats in all institutes for the sons and daughters of parents whose annual income from all sources is less than Rs.8.00Lakh or the amount fixed by Govt. from time to time.
- i vii. Financial Assistant to Children of Construction Workers
- ii viii. **PRAGATI** scholarship-By AICTE one Girl Child/ Two Girl Child for 1st year Diploma 2016-17 batch only family income is Less than 8Lakh
- iii ix. **Saksham**-Scholarship to Differently Abled Student by AICTE family income less than 8Lakh
- iv x. National Scholarship/ Junior Scholarship basing on HSC Marks.
- v xi. Financial Assistance under "VIDYARTHI SURAKSHYA" group Insurance scheme
- vi xii. Jindol/Tata Steel/NTPC 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 Branch	Sanctioned Strength by AICTE	Seats under TFW Scheme(5%) of sanctioned Intake	Seats under 20%(Lat) of sanctioned Intake
1	Civil Engineering	90	4	19
2	Electrical Engineering	120	6	27
3	Mechanical Engineering	120	6	25
4	ETC Engineering	60	3	12
5	Information Technology	30	2	5
	Total	420(Intake)	21(TFW)	88(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(S C+ST+OBC +GE+Minority)
2019-20	420	186	31	26	4	41	15	77	29	0	0	0	0	10	9	428
2018-19	420	204	28	35	6	26	8	46	14	0	0	0	1	15	3	385
2017-18	420	180	25	26	8	43	4	81	29	0	0	0	0	9	5	410

iii. Number of applications received during last two years for admission under Management Quota and number admitted- *As per intake capacity*

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-2019 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-2019 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.

1. To apply ONLINE application form for Diploma Admission-2019, the applicant has to visit the website <http://www.dtetodisha.gov.in> or <http://skill.samsodisha.gov.in/Diploma.aspx>.
2. Download "Information Brochure for Diploma Admission-2019" available on the Home page to know the detailed information about Diploma Admission-2019.
3. Read the Information Brochure for Diploma Admission-2019 carefully before filling & submitting online application form.
4. 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.
5. 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.
6. 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 'APPLICANT REGISTRATION' & ONLY REGISTERED APPLICANTS SIGN IN & APPLY.

7. 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	1 st August	1 st January
End of Classes	30 th November	30 th April

ii. For Second year and on words of the programme:

Semester/Event	Odd Semester	Even Semester
Commencement of Classes	15 th July	15 th December
End of Classes	15 th November	15 th 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 Weightages for Admission

- Describe each criteria with its respective weightages :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: Vary from Branch to Branch

Branch/Polytechnic	Civil	Electrical	Mechanical	ETC	I.T.
Jharsuguda	Gen-	Gen-	Gen-	Gen-	Gen-
Engineering School, Jharsuguda	SC-	SC-	SC-	SC-	SC-
	ST-	ST-	ST-	ST-	ST-

- Display marks scored in Test etc. and in aggregate for all candidates who were admitted-web site

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 of 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. a) Information of Infrastructure and Other Resources Available

<u>Administrative Area</u>		
Type	Actual Room Area (Sq.m.)	Expected Room Area (Sq.m.)
Principal / Director Office	31	30
Board Room	21	20
Office All Inclusive	187	150
Department Offices/Cabin for Head of Dept	338	100
Central Store	164	30
Maintenance	21	10
Security	10	10
Housekeeping	21	10
Pantry for Staff/Faculty	19	10
Exam Control Office	106	30
Training Placement Office	47	30
TOTAL	965.00	430.00

Amenities Area		
Type	Actual Room Area (Sq. m.)	Expected Room Area (Sq. m.)
Boys Common Room	92.5	75
Girls Common Room	90.31	75
Cafeteria	200	150
Stationery Store	21.05	10
First aid cum Sick Room	21.7	10
TOTAL	425.56	320.00

Computational Facilities		
Type	Available	Required
Internet Bandwidth	48	48
Printers	17	11
A1 size Color Printers	1	0
Number of PCs in Language lab	20	20
Legal Application S/W	20	20
Legal System S/W	6	3
PCs to Student ratio	210	210

Library Facilities		
Type	Available	Required
Volumes	32084	11375
Titles	7212	1925
Journals	29	15
Library Management Software	1	1
Reading Room Seating Capacity	150	150
MultiMediaPC	20	10

Instructional Area-Common Facilities		
Type	Available	Required
Computer Center	197	150
Library & Reading Room	319	300
Language Laboratory	80	66
TOTAL	596.00	516.00

Land Area Details		
Type	Available	Required
Total Area of Land	80	1.5
Maximum number of Pieces	1	3
Minimum per Piece of Area	80	1.5

b) Essential and Disirable requirements :

Sr. No.	Type	Availability
1	All Weather Approach (Motorised 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

d) Laboratory and Workshop (Department wise)

SI No.	Name of the Department	Name of the Laboratory	Available of equipment/Machinaries
1	Math & Science	Physics Lab.	Yes
		Chemistry Lab.	Yes
		English Communication Lab.	Yes
2	Civil Engineering	Drawing Lab.	Yes
		Concrete Lab.	Yes
		PH Engineering Lab.	Yes
		Hydraulic Lab.	Yes
		Material Testing Lab.	Yes
		Survey Practical Lab.	Yes
		Soil Lab.	Yes
		Structural CADD Lab.	Yes
3	Electrical Engineering	Electrical Machine Lab.	Yes
		Electrical Measurement Lab.	Yes
		Electrical Workshop Practice Lab.	Yes
4	Mechanical Engineering	Refrigeration and Air-Conditioning Lab.	Yes
		Hydraulics Lab.	Yes
		Heat Power Lab.	Yes
		Material Testing Lab.	Yes
		Applied Mechanics Lab.	Yes
5	Workshop	Fitting Shop	Yes
		Machine Shop	Yes
		Sheet Metal Shop	Yes
		Welding Shop	Yes
		Blacksmithy Shop	Yes
		Moulding Shop	Yes
		Carpentry Shop	Yes
		Turning Shop	Yes
6	Electronics and Telecommunication	PLC & VLSI Lab	Yes
		Digital Electronic Lab.	Yes
		Advance Communication Lab.	Yes
7	Information Technology	Operating System Lab.	Yes
		Computer Application Lab.	Yes
		Internet & Multimedia Lab.	Yes
		DBMS Lab	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- Tumbir...
- 5- Instagram...
- 6- Twitter
- 7- Google+
- 8- Linkdln

List of facilities available

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

Games and Sports Facilities-

- Athletics field
- Football pitch
- Outdoor tennis courts
- Cricket pitch
- Vullt 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 Brach	Sanctioned intake Strength by AICTE	Seats under TFW Scheme(5%)+20%(Lat) of Sanctioned Intake	Students admitted in 2017-18	Students admitted in 2018-19	Students admitted in 2019-20
1	Civil Engineering	90	4+18	88+4+12	85+4+10	90+4+5
2	Electrical Engineering	120	6+24	103+6+44	120+6+33	120+6+13
3	Mechanical Engineering	120	6+24	118+6+40	120+6+24	120+6+9
4	ETC Engineering	60	3+12	54+3+1	18+1+0	48+3+1
5	Information Technology	30	2+6	27+2+1	24+2+1	30+2+4
		420	21+84	390+21+98	367+19+68	408+21+32

17. List of Research Projects/Consultancy Works

- * Number of Projects carried out, funding agency, Grant received: NA
- * 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		1-477753671		Application Id		1-4259514270	
Name of the Institute		JHARSUGUDA ENGG. SCHOOL, JHARSUGUDA		Name of the Society/Trust		DIRECTORATE OF TECHNICAL EDUCATION & TRAINING, ODISHA	
Institute Address		NEAR BADHEIMUNDA CHOWK, AT/PO- K M ROAD		Society/Trust Address		AT- KILLAMAIDAN, BUXI BAZAR CUTTACK, 753001	
Institute Type		Government		Region		Eastern	
Sl. No.	Application Id	Permanent Id	Status	FT/PT	Academic year	Course	
1	1-4259514270	1-477753671	EOA Recommended by Council	FT	2019-20	Civil Engineering-90 Electrical Engineering-120 Mechanical Engineering-120 E.T&C Engineering-60 I.T.-30	
2	1-3508862751	1-477753671	EOA Recommended by Council	FT	2018-19	Civil Engineering-90 Electrical Engineering-120 Mechanical Engineering-120 E.T&C Engineering-60 I.T.-30	
3	1-3324414346	1-477753671	EOA Recommended by Council	FT	2017-18	Civil Engineering-90 Electrical Engineering-120 Mechanical Engineering-120 E.T&C Engineering-60 I.T.-30	
4	1-2811813045	1-477753671	EOA Recommended by Council	FT	2016-17	Civil Engineering-90 Electrical Engineering-120 Mechanical Engineering-120 E.T&C Engineering-60 I.T.-30	
5	1-2451698146	1-477753671	EOA Recommended by Council	FT	2015-16	Civil Engineering-90 Electrical Engineering-120 Mechanical Engineering-120 E.T&C Engineering-60 I.T.-30	
6	1-2012995567	1-477753671	EOA Recommended by Council	FT	2014-15	Civil Engineering-90 Electrical Engineering-120 Mechanical Engineering-120 E.T&C Engineering-60 I.T.-30	
7	1-1457329442	1-477753671	EOA Recommended by Council	FT	2013-14	Civil Engineering-90 Electrical Engineering-120 Mechanical Engineering-120 E.T&C Engineering-60 I.T.-30	
8	1-737156303	1-477753671	EOA Recommended by Council	FT	2012-13	Civil Engineering-90 Electrical Engineering-120 Mechanical Engineering-120 E.T&C Engineering-60 I.T.-30	

19. Accounted audited statement for the last three years.

Financial Details

Income

Income From Central Govt: 0	Income From UGC: 0
Income From State Govt: 35,740,000	Income From Other Bodies: 0
Income From Student Fees: 6,305,620	Income From Other/ Internal Revenue: 22,824,909
Income From Donations: 0	Total Income: 64,870,529

Expenditure

Salary Teaching Staff: 17,840,000	Equipment: 59,530
Remuneration to Visiting/Guest: 3,098,750	Building Maintenance: 3,879,000
Salary Non-teaching Staff: 11,997,000	Other Expenditure: 18,144,998
Library: 803,147	Total Expenditure: 55,822,425
	Surplus / Deficit: Y

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)
- e-resource list to enhance the learning process (through specialized software, animations, experimentation platforms).
- desired practical projects to be associated with the courses
- laboratory manuals & template for laboratory reports
- Supplementary study material for laboratory courses
- 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