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.	291605	Email	principal_jes@rediffmail.com
Cell No.	9861132851	Alternate Email	
FAX No.	---	Website	www.jesjharsuguda.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.		RINATA	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.	9861132851	Alternate Cell No.		---	
Email	principal_jes@rediffmail.com	Alternate Email Address		dasrinata@yahoo.com	
STD Code	06645	Land Phono:291605		x No.	---

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
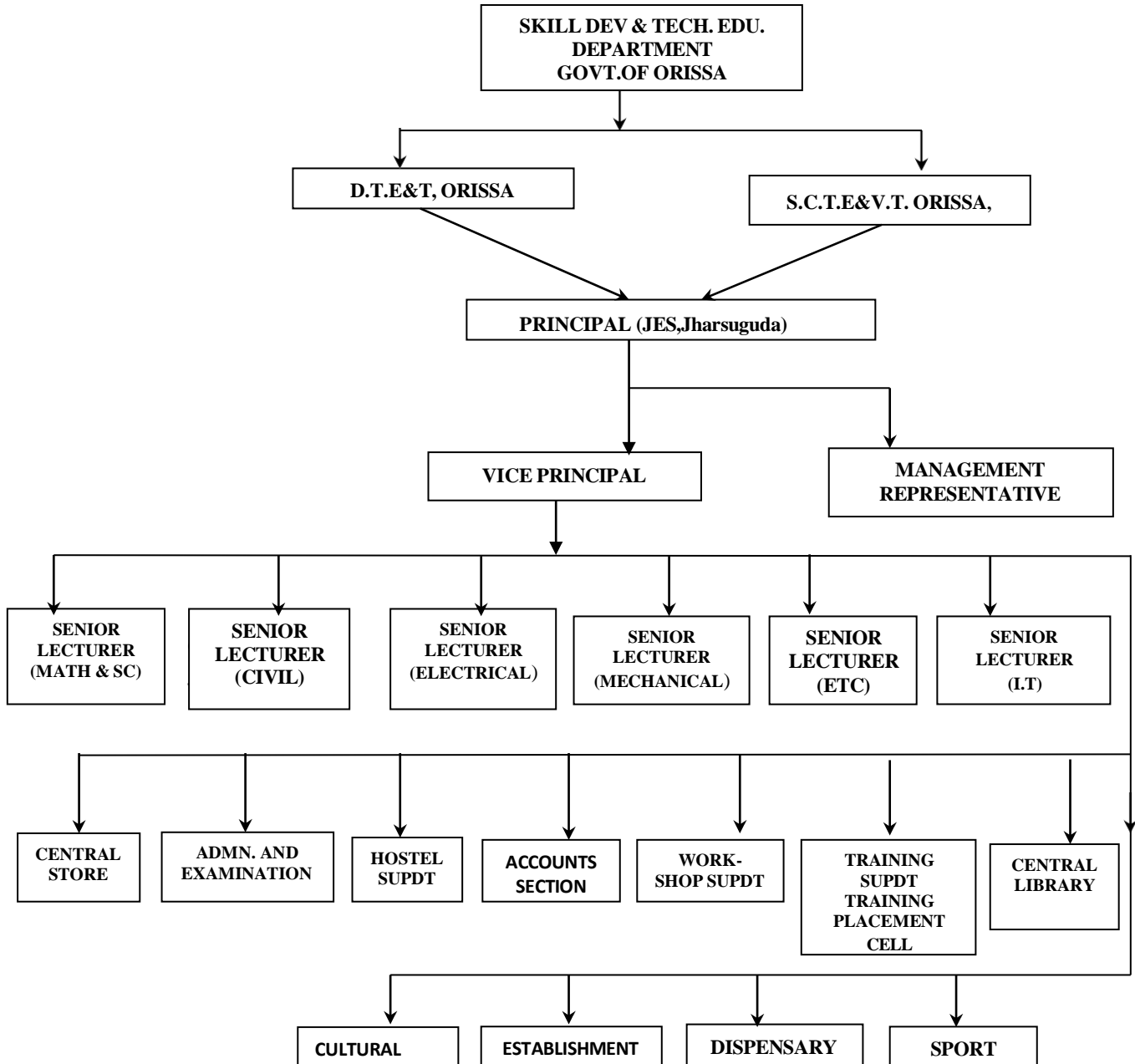### a) Members of the Board and their brief background

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	
Smt. Rinata Das, Principal	Chairman
Smt Sulagna Das, Sr. Lecturer (Chemistry)	Member
Sri Rakesh Kumar Mahanta, Lecturer (Mechanical)	Member
Sri Amit Kumar Sahu, Sr. Lecturer (Civil), Academic Coordinator	Member Convenor
Smt Astamita Mishra, Sr. Lecturer (Electrical)	Member
Sri Swapnashish Patel, Sr. Lecturer (Civil)	Member
Sri Subrat Parida, Training Supdt.	Member
Smt Puspita Baskey, Lecturer (Mechanical), Workshop Supdt.	Member

c) **Frequency 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	Smt. R. Das, Principal	-	Chairman
02	Sri S. Parida, Sr. Lecturer (IT)	-	Member (Teaching Staff)
03	Smt. Astamita Mishra, Sr. Lecturer (Elect.)	-	Member (Teaching Staff)
04	Sri A K Sahu, Sr. Lecturer (Civil)	-	Member (Teaching Staff)
05	Sri S.Patel, Sr. Lecturer (Civil)	-	Member (Teaching Staff)
06	Smt. S. Das, Sr. Lecturer (Math & Science)	-	Member (Teaching Staff)
07	Smt. Anima Ekka, Lecturer (English)	-	Member (Teaching Staff)
08	Smt. P Baskey, Lecturer (Mechanical and W/s Supdt.)	-	Member (Teaching Staff)
09	Sri R. K. Mahanta, Lecturer (Mechanical)	-	Member (Teaching Staff)
10	Sri. R. Dora, Lecturer (ETC.)	-	Member (Teaching Staff)
11	Sri S.S. Tripathy, Lecturer (Civil)	-	Member (Teaching Staff)
12	Sri S.P. Pradhan, Lab. Instructor	-	Member (Para Teaching Staff)
13	Sri D.N. Dharua, Section Officer	-	Member (Para Teaching Staff)
14	Miss Bipasha Dash, 5th Semester (Civil)	-	Student Member
15	Sri Ishwar Chandra Nayak, 5th Semester (Civil)	-	Student Member
16	Sri Sambit Ransingh, 5th Semester (Mech.)	-	Student Member
17	Miss Simran Biswakarma, 5th Semester (Mech.)	-	Student Member
18	Sri Abhijeet Bisi, 5th Semester (Elect.)	-	Student Member
19	Miss Lajita Patel, 5th Semester (Elect.)	-	Student Member
20	Sri Harshit Sriwat, 5th Semester (ETC.)	-	Student Member
21	Miss Shruti Sha, 5th Semester (ETC.)	-	Student Member
22	Sri Amit Kumar, 5th Semester (I.T.)	-	Student Member
23	Miss Pooja Yadav, 5th Semester (I.T.)	-	Student Member

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 RINATA DAS	PRINCIPAL	PRESIDING OFFICER
2	MRS SULAGNA DAS	SR. LECTURER, CHEMISTRY	INTERNAL MEMBER
3	MRS ASTAMITA MISHRA	SR. LECTURER, ELECTRICAL	INTERNAL MEMBER
4	MRS ANIMA EKKA	LECTURER, ENGLISH	INTERNAL MEMBER
5	MRS YASHOBANTI NAYAK	LECTURER, E&TC	INTERNAL MEMBER
6	MRS BABITA PADHEE	LECTURER, PHYSICS	INTERNAL MEMBER
7	MRS PUSPITA BASKEY	LECTURER, MECHANICAL	INTERNAL MEMBER
8	MRS PRAVASINI TRIPATHY	JUNIOR ASSISTANT	INTERNAL MEMBER
9	MRS ANANDINI PADHI	DIRECTOR, SEHEDA(N.G.O.)	OUTSIDE MEMBER
10	MISS BIPASHA DASH	STUDENT	INTERNAL MEMBER
11	MISS LAJITA PATEL	STUDENT	INTERNAL MEMBER
12	MISS SIMRAN BISWAKARMA	STUDENT	INTERNAL MEMBER

OMBUDSMAN by the University

Committe consisting of the following members:

✓ Nominee of the Governer 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 - Governer

l)   Establishment of Committee for SC/ST

SL NO.	NAME	DESIGNATION	COMMITTEE MEMBERS
1	SMT RINATA DAS	PRINCIPAL	CHAIRMAN
2	SRI RAKESH KUMAR MAHANTA	LECTURER, MECHANICAL	MEMBER SECRETARY
2	SMT SULAGNA DAS	SR. LECTURER, CHEMISTRY	MEMBER
3	SMT ASTAMITA MISHRA	SR. LECTURER, ELECTRICAL	MEMBER
3	SMT YASOBANTI NAYAK	LECTURER, E&TC	MEMBER
4	SRI BIRENDRA KISAN	LECTURER, MECHANICAL	MEMBER
5	SRI SANKAR PRASAD PRADHAN	LAB ASSISTANT, E&TC	MEMBER
6	SRI GOPAL CHANDRA MAHARANA	DISTRICT COORDINATOR,	OUTSIDE MEMBER
7	SRI CHANDRAKANTA MAJHI	DWO, JHARSUGUDA	OUTSIDE MEMBER

m)   Internal Quality Assurance Cell

SL NO	NAME	DESIGNATION	COMMITTEE MEMBERS
1	MRS. RINATA DAS	PRINCIPAL	CHAIR PERSON
2	MR. S. PARIDA	TRAINING SUPDT.	TEACHER REPRESENTATIVE
2	MRS. ASTAMITA MISHRA	SR. LECTURER, ELECTRICAL	TEACHER REPRESENTATIVE
3	MR. A SAHU	SR. LECTURER, CIVIL	COORDINATOR
4	MR. S PATEL	SR. LECTURER, CIVIL	TEACHER REPRESENTATIVE
5	MRS. S DAS	SR. LECTURER, CHEMISTRY	TEACHER REPRESENTATIVE
6	MR. R.K MAHANTA	LECTURER, MECHANICAL	TEACHER REPRESENTATIVE
7	MRS. Y NAYAK	LECTURER, E&TC	TEACHER REPRESENTATIVE
8	MR. J NAYAK	LECTURER, ELECTRICAL	TEACHER REPRESENTATIVE
9	MR. BIKASH CHANDRA KEDIA	PRESIDENT,LIONS CLUB, JHARSUGUDA	MEMBER FROM LOCAL SOCIETY
10	MR. SAHEBRAM PATEL	MANAGER, NIROJINI ENTERPRISE, JHARSUGUDA	MEMBER FROM INDUSTRY
11	MR. SRIKANT SAHOO	AE, R&B DIVISION, JHARSUGUDA	MEMBER FROM ALUMNI
12	MR. ISHWAR CHANDRA NAYAK	5TH SEM, CIVIL	STUDENT REPRESENTATIVE
13	MR. AMIT KUMAR	5TH SEM, IT	STUDENT REPRESENTATIVE

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,Odiha Under Director of Technical Education & training,Odissa	DIPLOMA	CIVIL ENGINEERING	1ST	3	1957	FULL TIME
2	1-1457329611				ELECTRICL 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;01

f. Status of Accreditation –Applied for SAR and results awaited

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	2019-20	Civil Engineering	68	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	2020-21	Civil Engineering	76	1	3.2 lakh
		Electrical Engineering	108	29	2.9 lakh
		Mechanical Engineering	101	41	3.2 lakh
		ETC Engineering	30	3	2.95 lakh
		Information Technology	24	0	3.0 lakh
3	2021-22	Civil Engineering	72	0	3.2 lakh
		Electrical Engineering	110	23	3.2 lakh
		Mechanical Engineering	115	24	3.2 lakh
		ETC Engineering	23	3	3.2 lakh
		Information Technology	26	1	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	1-2980394083	SWAPNASHISH		PATEL	LECTURER	Regular	CIVIL ENGINEERING	05-10-2015	NA	B.TECH(ELECTRICAL)
2	1-2980490304	PUSPITA		BASKEY	LECTURER	Regular	MECHANICAL ENGINEERING	19-11-2015	NA	M.SC.(MATH)
3	1-2980509362	RAKESH	KUMAR	MAHANTA	LECTURER	Regular	MECHANICAL ENGINEERING	12-11-2015	NA	BTECH
4	1-2980509369	SOUMYASAGAR		TRIPATHY	LECTURER	Regular	CIVIL ENGINEERING	16-11-2015	MTECH	BTECH
5	1-2980509613	JYOTI		NAIK	LECTURER	Regular	ELECTRONICS AND TELECOMMUNICATIONS ENGINEERING	12-11-2015	MSC	BSC
6	1-3598982345	ASTAMITA		MISHRA	LECTURER	Regular	ELECTRICAL ENGINEERING	11-11-2013	NA	MSC(PHY)
7	1-3606496346	SHITAL	PRASAD	YADAV	LECTURER	Contract	MECHANICAL ENGINEERING	21-08-2017	NA	B.TECH
8	1-3606818719	SATYANANDA		GADTIA	LECTURER	Contract	FIRST YEAR/OTHER	26-08-2017	NA	B.TECH(MECHANICAL)
9	1-3606819546	PRADYUMNA	kumar	PATRA	LECTURER	Contract	MECHANICAL ENGINEERG	21-08-2017	MTECH	NA
10	1-3618165976	ADIT	KUMAR	MISHRA	LECTURER	Contract	ELECTRICAL ENGINEERING	02-08-2017	NA	BTECH
11	1-3618166576	PREETIMAYEE		SAHU	LECTURER	Contract	INFORMATION TECHNOLOGY	04-08-2017	NA	BTECH
12	1-3618221946	EKATA		KANUNGO	LECTURER	Contract	ELECTRONICS AND TELECOMMUNICATIONS ENGINEERING	25-07-2017	NA	B.TECH(CIVIL)
13	1-3618309566	RAMAKRISHNA		MISHRA	LECTURER	Contract	ELECTRICAL ENGINEERING	21-08-2017	NA	BTECH
14	1-3618396448	SUNIL		PAL	LECTURER	Contract	ELECTRICAL ENGINEERING	25-07-2017	MTECH	BTECH
15	1-3618396508	MANORANJAN		MISHRA	LECTURER	Contract	ELECTRONICS AND TELECOMMUNICATIONS ENGINEERING	17-07-2017	NA	BTECH
16	1-4732137734	ALOK		BARA	LECTURER	Regular	MECHANICAL ENGINEERING	17-01-2019	NA	BTECH
17	1-4733358377	PUJA		SWAIN	LECTURER	Regular	MECHANICAL ENGINEERING	16-01-2019	NA	B.E.(MECH)
18	1-4733717544	LIPSA		PANIGRAHI	LECTURER	Regular	ELECTRICAL ENGINEERING	15-01-2019	NA	B.TECH(ELECTRICAL)
19	1-4735245961	JYOTI	RANJAN	NAYAK	LECTURER	Regular	ELECTRICAL ENGINEERING	17-01-2019	NA	B.TECH(CIVIL)
20	1-4735245968	DHANURJAYA		BEHERA	LECTURER	Regular	CIVIL ENGINEERING	18-01-2019	NA	B.TECH(MECHANICAL)
21	1-4737416312	RAJENDRA		DORA	LECTURER	Regular	ELECTRONICS & TELE-COMMUNICATION ENGINEERING	19-01-2019	NA	B.TECH(CIVIL)
22	1-4737416319	JAGANNATH		ORAM	LECTURER	Regular	FIRST YEAR/OTHER	21-01-2019	NA	BTECH
23	1-4741916218	BABITA		PADHI	LECTURER	Regular	FIRST YEAR/OTHER	15-01-2019	NA	BTECH
24	1-4742191115	YASOBANTI		NAYAK	LECTURER	Regular	ELECTRONICS & TELECOMMUNICATION ENGG.	16-01-2019	NA	BTECH
25	1-	MIHIRA	KUMAR	SOREN	LECTURER	Regular	MECHANICAL	24-01-	NA	BTECH

Sr	ID	First Name	Middle Name	Last Name	Designation	Type	Department	Date	PG	UG
	4742606056						ENGINEERING	2019		
1-264	4744461269	RABI KUMAR	KUMAR	DARJI	LECTURER	Contract	INFORMATION TECHNOLOGY	06-08-2018	NA	BTECH
1-274	4745085586	BARSHA		PATEL	LECTURER	Contract	INFORMATION TECHNOLOGY	07-08-2018	NA	BTECH
1-287	7400102871	SOURAV		PUROHIT	LECTURER	Contract	INFORMATION TECHNOLOGY	13-09-2019	NA	BTECH
1-299	9484825129	SUPRASAD		PAL	LECTURER	Contract	ELECTRICAL ENGINEERING	22-03-2021	NA	BETCH
1-309	9484825732	SASMITA		SA	LECTURER	Contract	ELECTRICAL ENGINEERING	22-01-2021	NA	BTECH
1-319	9542598091	SABYASACHI		SARANGI	LECTURER	Contract	INFORMATION TECHNOLOGY	11-11-2020	M. SC. (MATH.)	B. SC (MATH.-HONS.)
1-1105380618 0		SAURAV	KUMAR	KAR	LECTURER	Contract	ELECTRICAL ENGINEERING	05-10-2021	NA	B.TECH(MECHANICAL)
1-1108115831 8		RAMYA	PRAKASH	SAHU	LECTURER	Contract	MECHANICAL ENGINEERING	04-10-2021	NA	B.TECH(ETC)
1-1108115834 4		PRAKASH	KUMAR	SAMAL	LECTURER	Contract	MECHANICAL ENGINEERING	21-10-2021	NA	BTECH
1-1111022132 1		AMIT	KUMAR	SAHU	HOD	Regular	CIVIL ENGINEERING	02-12-2021	NA	B.TECH(CIVIL)
1-1131526227 2		SUBRATA		PARIDA	HOD	Regular	INFORMATION TECHNOLOGY	06-12-2021	NA	BTECH(CIVIL)
1-1131526227 9		DORINA	ROSE	HARI	LECTURER	Contract	Please Select	25-10-2021	M.E (MECHANICAL)	B.SC. ENGG. (MECH.)
1-1131545058 1		BHUBANESWARI		MISHRA	LECTURER	Contract	Please Select	25-10-2021	NA	B.TECH(MECHANICAL)
1-1132063906 2		NIROJ	KUMAR	MAHANTA	LECTURER	Contract	ELECTRICAL ENGINEERING	11-04-2022	NA	BTECH
1-1132063906 9		KABITA		SETH	LECTURER	Contract	ELECTRICAL ENGINEERING	14-03-2022	NA	BTECH
1-4344329910 2		RINATA		DAS	PRINCIPAL/DIRECTOR	Regular	Computer science and Engineering	04-09-1994	MTECH	BTECH
1-4344837651 4		KARISMA		PRADHAN	LECTURER	Contract	MECHANICAL ENGINEERING	10-10-2022	NA	B.TECH(CIVIL)
1-4344837654 7		HIMALAYA		MEHER	LECTURER	Contract	MECHANICAL ENGINEERING	10-10-2022	NA	B.TECH(CIVIL)
1-4344837657 3		SWAGAT		DWIBEDI	LECTURER	Contract	MECHANICAL ENGINEERING	15-09-2022		B.TECH
1-4344966245 4		SOUMYA	SOURAJA	PANDA	LECTURER	Contract	ELECTRICAL ENGINEERING	15-09-2022	NA	BTECH
1-4344966256 1		SOURAV	KUMAR	MISHRA	LECTURER	Contract	MECHANICAL ENGINEERING	15-09-2022	NA	MSC(MATH)
1-4344989780 3		DEEPANJALI		SETHI	LECTURER	Contract	CIVIL ENGINEERING	21-09-2022	NA	BTECH
1-4344989818 5		SOUBHAGYA	RANJAN	MOHANTY	LECTURER	Contract	CIVIL ENGINEERING	08-09-2022	NA	BTECH
1-4344989822 7		RASHMITA		BADHAI	LECTURER	Contract	ELECTRONICS & COMMUNICATION ENGINEERING	21-09-2022	MTECH	AMIE
1-4344989839 9		DHANRAJ		ROHIDAS	LECTURER	Contract	CIVIL ENGINEERING	15-09-2022	NA	BTECH

51	1-4345013771 1	SULAGNA		DAS	HOD		Regular	PHARMACEUTICALS CHEMISTRY AND TECHNOLOGY	10-03-2022	NA	BTECH
52	1-4345235612 2	RAKESH	KUMAR	PATTANAYAK	LECTURER		Contract	ELECTRICAL ENGINEERING	15-09-2022	M. TECH.	B. TECH. (MECH.)
53	1-2077844954	ANIMA		EKKA	LECTURER		Regular	FIRST YEAR/OTHER	03-12-2013	M.TECH.	B.TECH(CIVIL)
54	1-2080341943	BIRENDRA		KISHAN	LECTURER		Regular	MECHANICAL ENGINEERING	24-01-2019	NO	B.TECH(CIVIL)

b) Permanent Faculty- All Regular Staff

c) Adjunct Faculty- Attached to Local Industry

d) 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**: 09.07.1971   **FAX number**: 291605

First Name*: RINATA   **Cell Number***: 9861132851   **Email**: principal_jes@rediffmail.com

Father's Name: RAMESH CHANDRA DAS   **STD code**: 6645

Mother's Name: AURNA PURNA DAS **Land Phone Number**: 291605 **PAN**: ACEPD5724E

Educational details

Doctorate Degree: No   **Master Degree**: MASTER IN CSE

Bachelors Degree: BACHELER IN CSE

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

Details Related to Profession

Date of joining the Institute: 05.09.2022   **Appointment Type**: Regular **Exact Designation**: Principal

Work Experience Details

Teaching Experience (Years): 28   **Research Experience (Years)**: 0   **Industry Experience (Years)**: 01

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, EWS category, the fee is **Rs. 3300/-per year.**

(b) **2nd/ 3rd year :** The Readmission fee -I **Rs.4900/-** per year for General category Student and TFW scheme, SC ,ST category students, fee **Rs. 2400/-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	Tution Fee Waiver (TFW) Fees
1	Civil Engineering	90	04	
2	Electrical Engineering	120	06	
3	Mechanical Engineering	120	06	Rs 3300/- per year per student
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 **lossed their Father/Mother)** they have to apply for FINANCIAL ASSITANCE 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.

  vii. Financial Assistant to Children of Construction Workers

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

  ix. **Saksham**-Scholarship to Differently Abled Student by AICTE family income less than 8Lakh

 x. National Scholarship/ Junior Scholarship basing on HSC Marks.

 xi. Financial Assistance under "VIDYARTHI SURAKSHYA" group Insurance scheme

  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 Bill as per actual per Meal Rs 30 to Rs 40.

10.   Admision
     i.   Numberofseatssanctionedwiththeyearofapproval

Sl.No.	NameoftheBranch	Sanctioned StrengthbyAICTE	Seats under TFWScheme(5%)ofsanctionedIntake	Seatsunder10%(Lat)ofsanctionedIntake
1	CivilEngineering	90	4	9
2	ElectricalEngineering	120	6	12
3	MechanicalEngineering	120	6	12
4	ETCEngineering	60	3	6

5	InformationTechnology	30	2	3
	Total	**420(Intake)**	**21(TFW)**	**42(LE)**

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

Year	Appro vedInt ake	Gener alMal e	Genera lFemal e	OBC Male	OBC Fema le	SC Male	SC Fema le	ST Male	ST Fema le	PH Male	PH Fema le	Mino rityM ale	Mino rityFe male	TFW Male	TFW Fema le	TotalStude nts(SC+ST+ OBC +GE+Mino rity)
2021-22	**420**	**231**	**17**	**-**	**-**	**44**	**5**	**76**	**16**	**-**	**-**	**17**	**1**	**12**	**6**	**407**
2020-21	**420**	**199**	**21**	**-**	**-**	**37**	**13**	**84**	**23**	**-**	**-**	**20**	**2**	**16**	**3**	**399**
2019-20	**420**	**196**	**55**	**-**	**-**	**42**	**16**	**79**	**33**	**0**	**0**	**5**	**3**	**10**	**9**	**429**

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 modeonly.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 Homepage to know the detailed information about Diploma Admission-2019.
3. Read the Information Brochure for Diploma Admission-2019 carefullybeforefilling&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 (injpg/png/jpegformatsizebelow30KB) 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 log out after registration and again login to upload images and fee payment.
6. At the Homepage-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 REGISTRED 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,TeleFax.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 August15th/As decided by Govt
- Last date of submission of applications: Before August15th/As decided by Govt
- Dates for announcing final results: Before August15th/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 than15 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	**30thNovember**	**30thApril**

ii.   For Second year and onwords 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 Weightages for Admission

- Describe each criteria with its respective weightages: NA
- Mention the minimum level of acceptance, if any: NA
- Mention the cut-off levels of percentage of the candidates in the merit list as per Govt. guidelines

13. List of Applicants
- List of candidate whose applications have been received along with percentage in separate categories for open seats.

14. Results of Admission Under Vacant seats
- Those who have already applied in SAMS portal are only applicable for spot admission.
- Tagging is done in stipulated time period at concerned Institute.
- In the day of result a merit list is available on mark basis in SAMS portal.
- As per vacancy seats are filled up as per the merit list.

15.   a) Information of Infrastructure and Other Resources Available

Administrative Area

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

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 SexualHarassment 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
26	Implementation ofUnnat Bharat Abhiyan		Yes
27	Institution-Industry Cell		Yes
28	Group Insurance for Employees		Yes
29	Insurance for Students		Yes
30	Applied membership-National Digital Library		Yes
31	Implementation of Security Measures		Yes
32	Online Grievance Rederssal Mechanism		Yes
33	Internal Quality Assurance Cell		Yes
34	Fire and Safety Certificate		Yes
35	Display of information submitted to AICTE (including the accreditation status and Board of Governors) along with mandatory disclosures in the Web site of the Institution		Yes
36	Sports facilities		Yes
37	Group Accident Policy to be provided for the employees		Yes
38	Efforts to encourage Final Year students to appear GATE examination		No
39	Auditorium		Yes
40	Display of Course(s) and "Approved Intake" in the Institution at the entrance of the Institution. Course(s) taken through duly recognized MOOCs shall be used as Supplementary Course(s)		Yes
41	Intellectual Property Right Cell		Yes
42	Implementation of mandatory Internship policy for students		Yes
43	Implementation of teacher training policy		Yes
44	Implementation of examination reforms		Yes
45	Implementation of Startup Policy		Yes
46	Innovation Cell/Club		Yes

c) Building Details :

Sl. No	Building Name	Building No.	Sanctioned Built up Area(Sqm)	Constructed Built up Area (Sqm)	Approved Carpet Area Instructional (Sqm)	Constructed Carpet Area Instructional (Sqm)	Approved Carpet Area-Amenities (Sqm)	Constructed Carpet Area Amenities (Sqm)	Total Area Approved	Total Area Constructed
1	Main Institution Building	01	5439.54	5439.54	3707.4	3707.4	1085.06	1085.06	5439.54	5439.54
2	New Institution Building	02	2085.33	2085.33	1520.14	1520.14	296.56	296.56	2085.33	2085.33
3	Workshop Building	03	2034.66	2034.66	1738.61	1738.61	60.53	60.53	2034.66	2034.66
4	Boys Hostel-1	04	3463	3463	0	0	3463	3463	3463	3463
5	Boys Hostel-2	05	3463	3463	0	0	3463	3463	3463	3463
6	Ladies Hostel-1	06	1838	1838	0	0	1838	1838	1838	1838
7	Ladies Hostel-2	07	813.36	813.36	0	0	813.36	813.36	813.36	813.36
8	New Academic Building	08	41187.57	41187.57	41187.57	41187.57	41187.57	41187.57	41187.57	41187.57
9	Canteen Guest House and Dispensary	09	6656.42	6656.42	6656.42	6656.42	6656.42	6656.42	6656.42	6656.42
10	Additional Workshop/Lab	10	1200	1200	1200	1200	1200	1200	1200	1200

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 CommunicationLab.	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	E;ectrical 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- Instagram…
- 4- Twitter
- 5- Google+
- 6- 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
- Vollt 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 Calender 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 2019-20	Students admitted in 2020-21	Students admitted in 2021-22
1	Civil Engineering	90	4+18	90+4+5	88+4+1+7	77+4+0+9
2	Electrical Engineering	120	6+24	120+6+13	117+5+1+13	117+6+0+12
3	Mechanical Engineering	120	6+24	120+6+9	118+6+1+12	119+6+1+12
4	ETC Engineering	60	3+12	48+3+1	25+2+0+5	44+0+0+8
5	Information Technology	30	2+6	30+2+4	30+2+0+3	30+2+1+4
		420	21+84	408+21+32	378+19+3+40	387+18+2+46

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	1-36505365668
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	1-10974132669	1-477753671	EOA Recommended by Counsil	FT	2022-23	Civil Engineering-90 Electrical Engineering-120 Mechanical Engineering-120 E.T&C Engineering-60 I.T.-30
2	1-9318533054	1-477753671	EOA Recommended by Counsil	FT	2021-22	Civil Engineering-90 Electrical Engineering-120 Mechanical Engineering-120 E.T&C Engineering-60 I.T.-30
3	1-7014367141	1-477753671	EOA Recommended by Counsil	FT	2020-21	Civil Engineering-90 Electrical Engineering-120 Mechanical Engineering-120 E.T&C Engineering-60 I.T.-30
4	1-4259514270	1-477753671	EOA Recommended by Counsil	FT	2019-20	Civil Engineering-90 Electrical Engineering-120 Mechanical Engineering-120 E.T&C Engineering-60 I.T.-30
5	1-3508862751	1-477753671	EOA Recommended by Counsil	FT	2018-19	Civil Engineering-90 Electrical Engineering-120 Mechanical Engineering-120 E.T&C Engineering-60 I.T.-30
6	1-3324414346	1-477753671	EOA Recommended by Counsil	FT	2017-18	Civil Engineering-90 Electrical Engineering-120 Mechanical Engineering-120 E.T&C Engineering-60 I.T.-30
7	1-2811813045	1-477753671	EOA Recommended by Counsil	FT	2016-17	Civil Engineering-90 Electrical Engineering-120 Mechanical Engineering-120 E.T&C Engineering-60 I.T.-30
8	1-2451698146	1-477753671	EOA Recommended by Counsil	FT	2015-16	Civil Engineering-90 Electrical Engineering-120 Mechanical Engineering-120 E.T&C Engineering-60 I.T.-30
9	1-2012995567	1-477753671	EOA Recommended by Counsil	FT	2014-15	Civil Engineering-90 Electrical Engineering-120 Mechanical Engineering-120 E.T&C Engineering-60 I.T.-30

10	1-1457329442	1-477753671	EOA Recommended by Counsil	FT	2013-14	Civil Engineering-90 Electrical Engineering-120 Mechanical Engineering-120 E.T&C Engineering-60 I.T.-30
11	1-737156303	1-477753671	EOA Recommended by Counsil	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 Maintainance: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 on inovation idea cell for improvents of students in their project wotk.

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