

- **INSTITUTION**

**SIDDHARTHA INSTITUTE OF ENGINEERING AND
TECHNOLOGY, KORAPUT**

At-SURYA VIHAR, EKTAGUDA, Po-MOHADAIPUT,
Dist – KORAPUT, Pin Code – 764021
Telephone No. : 06852-250343, 9437699009,9437964499
E-mail ID: sietkoraput@gmail.com

- **TRUST**

TARINI IMPROVEMENT TRUST

Corporate Office:
Near public school,pujariput, koraput
Dist-koraput, Pin code – 764020
Mobile: 06852-250343, 9437699009
e-mail ID: sietkoraput@gmail.com

TRUSTEES

- Mr. Gupta Prasad Das (chairman)
- Mr. Sushant Dash (vice –chairman)
- Mr. Prasant Dash (secretary)
- Mrs. Bharati Dash (treasurer)
- Mr. srikanta Dash (member)

- **PRINCIPAL**

Prof. (Er.) Samir Ranjan Patro

Mob.: 7751894519

E-mail ID: sameerranjanpatro@gmail.com

- **AFFILIATING UNIVERSITY**

State Council for Technical Education & Vocational Training, Odisha

- **APPROVING BODY**

All India Council for Technical Education, New Delhi

- **MEMBERS OF GOVERNING BODY & ACADEMIC ADVISORY BOARD.**

NAME

PROFILE

- Mr. Gupta Prasad Das chairman of sie&t, koraput
- Mr. Sushant dash vice -chairman, sie&t, koraput
- Mr. Prasant dash secretary , sie&t, koraput
- Mrs. Bharati dash treasurer , sie&t, ,koraput
- Mr. srikant dash member tarini improment trust, koraput.
- Er. samir ranjan patro principal of sie&t, koraput
- Member of Regional Officer, AICTE
- Nominee of D.T.E. & T, Govt. of Odisha.
- Nominee of Govt. of Odisha

Board meeting holds once in every Four Months interval and Academic Advisory Body meeting holds once in every Three Months.

- **To enhance the involvement of faculty & students in improvements of academic affairs, Teacher-Student Interaction Cell is active. This cell meets frequently with a short notice. Proctorial System has been implemented.**
- **Student Feedback System has been implemented. Feedback is collected in an interval of two months to appraise institutional governance and faculty performance.**
- **Grievance Redressal Mechanism for Faculty, Staffs and Students has been implemented.**
- Different committees have been constituted and mechanisms have been implemented as per the **APH 2020-21** of AICTE, New Delhi.
- **Anti-Ragging Committee has been constituted** (as per AICTE notified regulation for prevention and Prohibition of Ragging vide No. 37-3/Legal/AICTE/2009 dated 01.07.2009) **and is functioning. Members are as below:**

Sl. NO	Name of Committee Member	Designation	Contact No.	E-mail ID
1	Er.samir Ranjan Patro	Principal	7751894519	sameerranjanpatro@gmail.com
2	Er. Sashikanta Gahan	HOD, Mech	9439588536	sietkoraput@gmail.com
3	Er. Sara josh	Lect in Mech	7978541707	sietkoraput@gmail.com
4	Er. Jyptimayee	HOD, civil	87633919	sietkoraput@gmail.com

	atejaswini Dash		11	
5	Er. Suresh banka	Lecturer	87638171 37	sietkoraput@gmail.com
6	Er. Sarat kumar patro	Lecturer	70084944 91	sietkoraput@gmail.com
7	Mr. Ranjan kumar polai	Admin Office Asst.	97778584 89	Ranjan crazy123@gmail.com
8	Mr. Santosh kumar mohanty	Office Asst.	90403332 73	Bunu.santosh@gmail.com
	Mr. sankar Prasad nayak	Security officer	94374338 07	sietkoraput@gmail.com
9	Bandhu pangi	Student-3 rd Yr. Civil Engg.	87634895 83	sietkoraput@gmail.com
10	E akash kumar rao	Student-2 nd Yr Electrical Engg.	97778584 89	sietkoraput@gmail.com
11	Soumya ranjan biswal	Student-1 st Yr. Elect Engg.	78451239 56	sietkoraput@gmail.com
12	Mr. bangaraj pani	Guardian	94785365 77	bangarajpani@gmail.com
13	Bhabani Shankar behera	Guardian	88957611 36	sietkoraput@gmail.com
14	Sri Manas Ranjan Patnaik	Social work	94376243 29	manstalentskpt@gmail.com
15	Mr. sabyasachi mohanty	Education	87633546 99	sabyasachicivil@gmail.com

- **Online Grievance Redressal Mechanism has been implemented. Grievances can be submitted online to the URL : www.sietkoraput.in**

Grievance Redressal Committee is functioning for resolving the grievances. It has been constituted (As per AICTE (Establishment of Mechanisms for Grievance Redressal) Regulation, 2012, F.No. 37-3/ Legal 12012, dated 25.05.2012) **with the following members.**

Sl. NO.	Name of Committee Member	Designation	Contact No.
1	Er.Samir Ranjan Patro	Principal	7751894519
2	Er. Sashi kanta Gahan	HOD Mech Engg	9439588536
3	Er. JyotirMayee Tejaswani Dash	HOD, Civil Engg. Dept	9348222841
4	Sri Manash Kumar Patnaik	Social Worker	9437624329
5	Anil kumar Mahapatro	M D Pragati NGO	9937707558

- **Internal Complaint Committee (ICC) has been constituted** (As per Section 4 AICTE (Gender Sensitization, Prevention and Prohibition of Sexual harassment of Women Employees and students & Redressal of Grievances in technical Institutions) Regulation 2016) **and is functioning**

Sl. NO.	Name of Committee Member	Designation
1	Er. Samir ranjan patro	Presiding Officer
2	Er. Jyptimayee atejaswini Dash	HOD, civil
3	Er. Girisha bala gamanga	Faculty
4	Er.. sasikanta gahan	HOD, Mech
5	Mr. Minaketan pradhan	Non-teaching
6	Mr. sushant dash	Non-teaching
7	Dalabandhu muduli	3rd Year
8	Sonali Pradhan	2nd Year
9	Raj kumar bhatra	1st Year
10	Mr. sarajananda rath	NGO, Activist

- **Committee for SC/ST has been constituted** (As per the Scheduled Castes & Scheduled Tribes (Prevention of Atrocities) Act, 1989, No.33 OF 1989, dated 11.09.1989) **and is functioning**

Sl. NO.	Name of Committee Member	Designation
1	Er. Sashi kanta gahan	Hod , Mech.
2	Mr. santosh kumar mohanty	Office Asst.
3	Mr. Ranjan kumar polai	System Admin.
4	Er. Dibya Ranjan sethy	Lab. Asst. in mech

- **Internal Quality Assurance Cell has been constituted and is functioning**

Sl. NO.	Name of Committee Member	Designation
1	Er. Samir Ranjan patro	Principal
1	Er.(Ms) Jyptimayee tejaswini Dash	HOD, Civil
2	Er. Debasis Mishra	HOD, Elect.
3	Er. Sashi kanta gahan	HOD, Mech.

PROGRAMMES

Our institute provides Diploma in Engineering programme in four different courses, namely;

Sl. No.	Branch	Intake Capacity
1	Civil Engineering	30
2	Electrical Engineering	30
3	Mechanical Engineering	45

All these courses with above intake capacities have been approved by AICTE, New Delhi.

Duration of the programme is: **3 Years** (Regular Mode) & **2 Years** (Lateral-Entry Mode).

- **Fee :**

Course Fee approved by State Fee Committee, for the Institution: **Rs. 26600/- per year.**

This fee is to be paid at the time of Admission/ Readmission in each year.

Seats under **Tuition Fee Waiver (TFW)** scheme for admission into the above courses are supernumerary in nature. Each year **5 nos.** of students are allowed to get admission into different first year diploma courses in our institute. State candidates having family **Annual Income less than 2.5 lakhs**, are eligible for admission under TFW category.

Estimated Cost of Boarding & Fooding in Hostels is approximately **Rs. 2500/- per month.** However, it can vary for Reserved Category Students.

- **Placement:** In last three years, we have provided placement assistance to our students in five reputed firms with Minimum Salary 1 lakhs ctc and Maximum Salary: 2 lakhs ctc. Average Salary: around 80K ctc.

FACULTY MEMBERS

We have maintained Permanent Faculty: Student Ratio as **1:25** (as per the requirement of AICTE, New Delhi in APH 2020-21).

Branch-wise faculty list is mentioned below.

Er. Samir Ranjan Patro	PRINCIPAL	ELECTRICAL ENGINEERING DEPARTMENT
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DEPARTMENT OF CIVIL ENGINEERING	
Er. (Ms.) Jyptimayee tejaswini Dash	HOD
Er. (Ms.) pallavi nayak	Lecturer
Er. (Ms.) sanjukta mohanty	Lecturer
Er. (Ms.) Jayashree biswas	Lecturer
Er. (Ms.) indira priyadarsani dash	Lecturer
DEPARTMENT OF ELECTRICAL ENGINEERING	
Er. Debasish mishra	HOD
Er. Monalisha Hati	Lecturer
Er. K.y paital	Lecturer
DEPARTMENT OF MECHANICAL ENGINEERING	
Er. Sashikanta gahan	HOD
Er. Sara josh	Lecturer
Er. Rabindra nath pardhan	Lecturer
Er. Rosaline Pallai	lecture
Er. Jagadish Prasad khora	Lecturer

FACULTIES OF BASIC SCIENCE & HUMANITY SUBJECTS	
Mr. Suresh Banka	Lecturer
Mrs. Girishabala gamanga	Lecturer
Mrs. gayatri subudhi	Lecturer
Mr. Sushanta dash	Lecturer
Er. Dwebendu sahu	Lecturer

FACULTY PROFILE

Name of Faculty	Sameer ranjan Patro	
Date of Birth	01/07/1984	
Unique ID		
Educational Qualification	M. Tech,	
Work Experience		
Teaching	10	
Research	0	
Industry	0	
Others	Nil	
Area of Specialization	Electrical Engineering	
Courses Taught	Diploma Level	
Research Guidance		
No. of papers published in National/ International Journals/ Conferences	nil	
Masters	Nil	
Ph.D.	Nil	
Projects Carried Out	4	
Patents	Nil	
Technology Transfer	Nil	
Research Publications	Nil	
No. of Books Published with details	Nil	

DEPARTMENT OF CIVIL ENGINEERING FACULTY PROFILE

Name of Faculty	Indira Priyadarshni Dash	
Date of Birth	15/07/1986	
Unique ID	I-2933976247	
Educational Qualification	B-tech.	
Work Experience		
Teaching	5yrs	
Research	Nil	
Industry	Nil	
Others	Nil	
Area of Specialization	Civil Engineering	
Courses Taught	Diploma Level	
Research Guidance		
No. of papers published in National/ International	Nil	

Journals/ Conferences	
Masters	Nil
Ph.D.	Nil
Projects Carried Out	Nil
Patents	Nil
Technology Transfer	Nil
Research Publications	Nil
No. of Books Published with details	Nil

Name of Faculty	Sanjukta Mohanty	
Date of Birth	27/02/1992	
Unique ID	I-2931538621	
Educational Qualification	B-tech.	
Work Experience		
Teaching	5yrs	
Research	Nil	
Industry	Nil	
Others	Nil	
Area of Specialization	Civil Engineering	
Courses Taught	Diploma Level	
Research Guidance		
No. of papers published in National/ International Journals/ Conferences	Nil	
Masters	Nil	
Ph.D.	Nil	
Projects Carried Out	4	
Patents	Nil	
Technology Transfer	Nil	
Research Publications	Nil	
No. of Books Published with details	Nil	

DEPARTMENT OF CIVIL ENGINEERING

FACULTY PROFILE

Name of Faculty	Pallavi Nayak	
Date of Birth	30/04/1994	
Unique ID	I-3650087703	
Educational Qualification	B-tech.	
Work Experience		
Teaching	5yrs	
Research	Nil	
Industry	Nil	
Others	Nil	
Area of Specialization	Civil Engineering	
Courses Taught	Diploma Level	
Research Guidance		
No. of papers published in National/ International Journals/ Conferences	Nil	
Masters	Nil	
Ph.D.	Nil	
Projects Carried Out	5	
Patents	Nil	

Technology Transfer	Nil
Research Publications	Nil
No. of Books Published with details	Nil

Name of Faculty	Jayashree Biswas	
Date of Birth	30/06/1993	
Unique ID	I-5169549894	
Educational Qualification	B-tech.	
Work Experience		
Teaching	2yrs	
Research	Nil	
Industry	NII	
Others	NII	
Area of Specialization	Civil Engineering	
Courses Taught	Diploma Level	
Research Guidance		
No. of papers published in National/ International Journals/ Conferences	Nil	
Masters	Nil	
Ph.D.	NII	
Projects Carried Out	nil	
Patents	Nil	
Technology Transfer	Nil	
Research Publications	Nil	
No. of Books Published with details	Nil	

DEPARTMENT OF CIVIL ENGINEERING

FACULTY PROFILE

Name of Faculty	Jyotirmayee Tejaswani Dash	
Date of Birth	07/06/1991	
Unique ID	I-7909115338	
Educational Qualification	B-tech.	
Work Experience		
Teaching	4yrs	
Research	Nil	
Industry	NII	
Others	NII	
Area of Specialization	Civil Engineering	
Courses Taught	Diploma Level	
Research Guidance		
No. of papers published in National/ International Journals/ Conferences	Nil	
Masters	Nil	
Ph.D.	NII	
Projects Carried Out	nil	
Patents	Nil	
Technology Transfer	Nil	

Research Publications	Nil
No. of Books Published with details	Nil

DEPARTMENT OF ELECTRICAL ENGINEERING FACULTY PROFILE

Name of Faculty	Debasish Mishra	
Date of Birth	18/05/1997	
Unique ID	1-9539045755	
Educational Qualification	B-tech.	
Work Experience		
Teaching	2yrs.	
Research	Nil	
Industry	NII	
Others	NII	
Area of Specialization	Electrical Engineering	
Courses Taught	Diploma Level	
Research Guidance		
No. of papers published in National/ International Journals/ Conferences	Nil	
Masters	Nil	
Ph.D.	NII	
Projects Carried Out	NII	

Patents	Nil
Technology Transfer	Nil
Research Publications	Nil
No. of Books Published with details	Nil

Name of Faculty	K.Y . Paital	
Date of Birth	02/05/1989	
Unique ID	I-1564984803	
Educational Qualification	B-tech.	
Work Experience		
Teaching	8yrs	
Research	Nil	
Industry	Nil	
Others	Nil	
Area of Specialization	Electrical Engineering	
Courses Taught	Diploma Level	
Research Guidance		
No. of papers published in National/ International Journals/ Conferences	Nil	
Masters	Nil	
Ph.D.	Nil	
Projects Carried Out	Nil	
Patents	Nil	
Technology Transfer	Nil	
Research Publications	Nil	
No. of Books Published with details	Nil	

DEPARTMENT OF ELECTRICAL ENGINEERING FACULTY PROFILE

Name of Faculty	Monalisha Hati	
Date of Birth	15/04/1986	
Unique ID	I-1564839643	
Educational Qualification	B-tech.	
Work Experience		
Teaching	8yrs	
Research	Nil	
Industry	Nil	
Others	Nil	
Area of Specialization	Electrical Engineering	
Courses Taught	Diploma Level	
Research Guidance		
No. of papers published in National/ International Journals/ Conferences	Nil	
Masters	Nil	
Ph.D.	Nil	
Projects Carried Out	Nil	

Patents	Nil
Technology Transfer	Nil
Research Publications	Nil
No. of Books Published with details	Nil

DEPARTMENT OF MECHANICAL ENGINEERING FACULTY PROFILE

Name of Faculty	Shashikanta Gahan	
Date of Birth	04/05/1991	
Unique ID	I-5169550242	
Educational Qualification	B-Tech	
Work Experience		
Teaching	3.5yrs	
Research	Nil	
Industry	Nil	
Others	Nil	
Area of Specialization	Mechanical Engineering	
Courses Taught	Diploma Level	
Research Guidance		
No. of papers published in National/ International Journals/ Conferences	Nil	
Masters	Nil	

Ph.D.	NII
Projects Carried Out	NII
Patents	Nil
Technology Transfer	Nil
Research Publications	Nil
No. of Books Published with details	Nil

Name of Faculty	Sara Josh	
Date of Birth	19/05/1990	
Unique ID	I-9535726618	
Educational Qualification	B-tech.	
Work Experience		
Teaching	5yrs	
Research	Nil	
Industry	NII	
Others	NII	
Area of Specialization	Mechanical Engineering	
Courses Taught	Diploma Level	
Research Guidance		
No. of papers published in National/ International Journals/ Conferences	Nil	
Masters	Nil	
Ph.D.	NII	
Projects Carried Out	Nil	
Patents	Nil	
Technology Transfer	Nil	
Research Publications	Nil	
No. of Books Published with details	Nil	

DEPARTMENT OF MECHANICAL ENGINEERING FACULTY PROFILE

Name of Faculty	Rabindranath Pradhan	
Date of Birth	27/04/1987	
Unique ID	I-1564984809	
Educational Qualification	B-tech.	
Work Experience		
Teaching	8yrs.	
Research	Nil	
Industry	NII	
Others	NII	
Area of Specialization	Mechanical Engineering	
Courses Taught	Diploma Level	
Research Guidance		
No. of papers published in National/ International Journals/ Conferences	Nil	
Masters	Nil	

Ph.D.	NII
Projects Carried Out	Nil
Patents	Nil
Technology Transfer	Nil
Research Publications	Nil
No. of Books Published with details	Nil

Name of Faculty	Dwebendu Sahu	
Date of Birth	08/05/1986	
Unique ID	I-507983571	
Educational Qualification	B-tech.	
Work Experience		
Teaching	8yrs	
Research	Nil	
Industry	NII	
Others	NII	
Area of Specialization	Mechanical Engineering	
Courses Taught	Diploma Level	
Research Guidance		
No. of papers published in National/ International Journals/ Conferences	Nil	
Masters	Nil	
Ph.D.	NII	
Projects Carried Out	I	
Patents	Nil	
Technology Transfer	Nil	
Research Publications	Nil	
No. of Books Published with details	Nil	

DEPARTMENT OF MECHANICAL ENGINEERING FACULTY PROFILE

Name of Faculty	Rosaline Pollei	
Date of Birth	10/01/1992	
Unique ID	I-2087186967	
Educational Qualification	B-tech.	
Work Experience		
Teaching	8yrs	
Research	Nil	
Industry	NII	
Others	NII	
Area of Specialization	Mechanical Engineering	
Courses Taught	Diploma Level	
Research Guidance		
No. of papers published in National/ International Journals/ Conferences	Nil	
Masters	Nil	
Ph.D.	NII	
Projects Carried Out	I	

Patents	Nil
Technology Transfer	Nil
Research Publications	Nil
No. of Books Published with details	Nil

Name of Faculty	Jagadish Prasad Khora	
Date of Birth	21/05/1992	
Unique ID	I-2086212123	
Educational Qualification	B-tech.	
Work Experience		
Teaching	5yrs	
Research	Nil	
Industry	02	
Others	Nil	
Area of Specialization	Mechanical Engineering	
Courses Taught	Diploma Level	
Research Guidance		
No. of papers published in National/ International Journals/ Conferences	Nil	
Masters	Nil	
Ph.D.	Nil	
Projects Carried Out	Nil	
Patents	Nil	
Technology Transfer	Nil	
Research Publications	Nil	
No. of Books Published with details	Nil	

DEPARTMENT OF BASIC SCIENCE & HUMMANITIES ENGINEERING
FACULTY PROFILE

Name of Faculty	Sushanta Dash	
Date of Birth	04/06/1980	
Unique ID	I-507981739	
Educational Qualification	MBA	
Work Experience		
Teaching	10	
Research	Nil	
Industry	Nil	
Others	Nil	
Area of Specialization	Basic Science	
Courses Taught	Diploma Level	
Research Guidance		
No. of papers published in National/ International Journals/ Conferences	Nil	
Masters	Nil	
Ph.D.	Nil	

Projects Carried Out	Nil
Patents	Nil
Technology Transfer	Nil
Research Publications	Nil
No. of Books Published with details	Nil

Name of Faculty	Girishabala Gamanga	
Date of Birth	30/5/1990	
Unique ID	I-9539392538	
Educational Qualification	B.Sc in computer Science	
Work Experience		
Teaching	2yrs.	
Research	Nil	
Industry	Nil	
Others	Nil	
Area of Specialization	Computer Application	
Courses Taught	Diploma Level	
Research Guidance		
No. of papers published in National/ International Journals/ Conferences	Nil	
Masters	Nil	
Ph.D.	Nil	
Projects Carried Out	I	
Patents	Nil	
Technology Transfer	Nil	
Research Publications	Nil	
No. of Books Published with details	Nil	

DEPARTMENT OF BASIC SCIENCE & HUMMANITIES ENGINEERING
FACULTY PROFILE

Name of Faculty	Gayatri Subudhi	
Date of Birth	22/08/1998	
Unique ID	I-9539506222	
Educational Qualification	B.Sc.	
Work Experience		
Teaching	2yrs	
Research	Nil	
Industry	Nil	
Others	Nil	
Area of Specialization	Chemistry	
Courses Taught	Diploma Level	
Research Guidance		
No. of papers published in National/ International Journals/ Conferences	Nil	
Masters	Nil	
Ph.D.	Nil	
Projects Carried Out	Nil	

Patents	Nil
Technology Transfer	Nil
Research Publications	Nil
No. of Books Published with details	Nil

Name of Faculty	Suresh Banka	
Date of Birth	11/03/1992	
Unique ID	I-9539138199	
Educational Qualification	M.sc	
Work Experience		
Teaching	3yrs	
Research	Nil	
Industry	Nil	
Others	Nil	
Area of Specialization	Math	
Courses Taught	Diploma Level	
Research Guidance		
No. of papers published in National/ International Journals/ Conferences	Nil	
Masters	Nil	
Ph.D.	Nil	
Projects Carried Out	Nil	
Patents	Nil	
Technology Transfer	Nil	
Research Publications	Nil	
No. of Books Published with details	Nil	

- **FEE :**

Course Fee approved by State Fee Committee, for the Institution: **Rs. 26600/- per year.**

This fee is to be paid at the time of Admission/ Readmission in each year.

Seats under **Tuition Fee Waiver (TFW)** scheme for admission into the above courses are supernumerary in nature. Each year **5 nos.** of students are allowed to get admission into different first year diploma courses in our institute. State candidates having family **Annual Income less than 2.5 lakhs**, are eligible for admission under TFW category.

Estimated Cost of Boarding & Fooding in Hostels is approximately **Rs. 2500/- per month.** However, it can vary for Reserved Category Students.

ADMISSION

Name of Course	Sanctioned/ Approved Intake in 2018-19	Sanctioned/ Approved Intake in 2019-20	Sanctioned/ Approved Intake in 2020-21	Sanctioned/ Approved Intake in 2021-22	
Diploma in Civil	30	30	30	30	

Engineering					
Diploma in Electrical Engineering	30	30	30	30	
Diploma in Mechanical Engineering	45	45	45	45	

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

ADMISSION YEAR 2019-2020										
BRANCH	NO. OF STUDENTS ENROLLED									
	GENERAL		SC		ST		OBC		TOTAL	
	TOTAL	GIRLS	TOTAL	GIRLS	TOTAL	GIRLS	TOTAL	GIRLS	TOTAL	GIRLS
CIVIL	9	3	9	2	8	2	2	1	29	8
ELECTRICAL	5	0	2	0	2	0	0	0	9	0
MECHANICAL	12	0	11	0	6	0	4	0	33	0

ADMISSION YEAR 2020-2021										
BRANCH	NO. OF STUDENTS ENROLLED									
	GENERAL		SC		ST		OBC		TOTAL	
	TOTAL	GIRLS	TOTAL	GIRLS	TOTAL	GIRLS	TOTAL	GIRLS	TOTAL	GIRLS
CIVIL	6	1	8	2	8	1	2	0	24	4
ELECTRICAL	3	1	2	0	2	0	2	0	9	1
MECHANICAL	6	1	6	0	3	0	0	0	15	1

ADMISSION YEAR 2021-2022										
BRANCH	NO. OF STUDENTS ENROLLED									
	GENERAL		SC		ST		OBC		TOTAL	
	TOTAL	GIRLS	TOTAL	GIRLS	TOTAL	GIRLS	TOTAL	GIRLS	TOTAL	GIRLS
CIVIL	8	2	10	2	12	3	0	0	30	7
ELECTRICAL	3	0	6	0	4	0	0	0	13	0
MECHANICAL	7	0	13	1	8	0	0	0	28	1

Infrastructure & other Resources available

Number of Class Rooms	12	Size of each	66 Sq. mt.
Number of Tutorial Rooms	3	Size of each	33 Sq. mt.
No. of Laboratories	17		
No. of Drawing Halls	1	Size	132 Sq. mt.
No. of Computer Centre	1	Size	150 Sq. mt.
Barrier Free Built Environment for disabled and elderly persons	Available		
Fire & Safety Certificate	Available	Occupancy Certificate	View
Hostel facilities	Available for both Boys & Girls		
Library			
No. of Library Books Titles	972	No. of Library Books Volumes	7248
No. of Journals available	15		
E-Library facilities			
No. of Library e-Books Titles		No. of Library e-Books Volumes	
Facility for watching of MOOCS through SWAYAM & NPTEL is available inside Library.			
Laboratory and Workshop			
Computing Facilities			

Internet Bandwidth	32 Mbps		
No. of Computer Systems	108	Configurations of each system	32-bit OS, Dual Core CPU, 2 GB RAM
Total no. of Systems connected by LAN	108		
Total no. of Systems connected by WAN	Nil		
Major software Packages Available	Windows 10, Windows 7, Java, MS Office, Adobe Acrobat Reader, IE 8.1, Chrome, Firefox, WINZIP, Adobe Flash Player		
Special purpose facilities available	AUTOCAD, TURBO C,C++, MATLAB, STAAD PRO, P-SPICE		
List of Facilities Available			
Games and Sports Facilities Available	Football, Cricket, Kabaddi, Volley Ball, Throw Ball, Javelin, Shut-put, Music Chair, Chess, Carrom, 100mt,200mt&400mt Running Competitions		
Extra-Curricular Activities	Song, Dance, Debate, Quiz competitions, Involvement in Swachh Bharat Pogrammes		
Soft Skill Development facilities	Language Laboratory available, Seminars conducted in regular intervals		

TEACHING LEARNING PROCESS

- Curriculum & Syllabus for the programme is as approved by the State Council for Technical Education & Vocational Training, Odisha
- Academic Calendar is as approved by the State Council for Technical Education & Vocational Training, Odisha
- Academic Time Table published with the name of the faculty members handling the Course in each session
- Teaching Load of each faculty is strictly followed as per the rules and regulations of SCTE & VT, Odisha and AICTE, New Delhi.

SIDDHARTHA INSTITUTE OF ENGINEERING AND TECHNOLOGY, KORAPUT

At-SURYA VIHAR, EKTAGUDA, Po-MOHADAIPUT,
Dist – KORAPUT, Pin Code – 764021

Approved by AICTE, New-Delhi & Affiliated to SCTE&VT, Odisha

List of the Equipments of Electrical Engg.

Basic Electronics Lab	
Analog Meter	R-C Coupled Amp
Digital Multimeter	Transistorized Power Supply
Variable Power Supply 0-32V	Digital Panel Meters (Ammeter)
Component Development System	Hartley Oscillator
Dual -Trace CRO	
Regulated Power Supply	
Bread Boards	
Analog Electronics Lab	
Component Dev. system	Digital Panel Meters(Ammeters)
Digital Panel Meter (μ Ammeter)	Digital Panel Meter (Volt Meters)
Analog Multi meter	Function Generator (1 Mhz)

Digital Multimeter	Step Wise Function Generator
25 MHz 2-CH	4-Trace CRO
Zero Crossing Dector	Op-amp as Amp.
Single Stage CE Amp.	Op-amp as Voltage Follower
Op-amp as Adder	Op-amp as Differentiator & Integrator Astable Multivibrator
Subtractor	Digital Oscilloscope
Differential Amp.	IC Regulated Power Supply
Characteristics of Transistor	Digital Panel Ammeter Decade Resistance Meter
Variable Regulated Power Supply	Clipping & Clamping Circuit
Transistor Blassing Method	Astable Multivibrator
Digital Panel Voltmeter	Monostable Multivibrator
Bistable MV	OP-amp as Inverter
Op-amp Characteristics	Op-amp As Non Inverter
Characteristics of FET	OP-amp as a Comparator
V-F Converter	OP-amp as Integrator
F-v Converter R-c Integrator	Op-amp as Differentiator
CE Characteristics	CB Characteristics
Push –Pull Amp Two Stage RC Coupled Amp	Hartley Oscillator
FET Characteristics	Wein Bridge Oscillator R-C Phase Shift Oscillator
Colpitt's Oscillator	P-N Diode Characteristics
Basic Theorem Demonstrator	Project Board
Digital Electronics Lab.	
Digital Trainer Kit	Counting Logic & Counter 8-Bit D/A Converter
Digital IC Trainer	Flip-Flop Trainer
Digital IC Trainer	Adder & Subtractor
Digital IC Trainer	Digital MUX & De-MUX
8-bit A/D Converter	Flip-Flop Trainer
Micro Processor Lab	
8085 Trainer Kit (LED)	Traffic Light Controller Using 8255
8085 Trainer Kit (LCD)	Square Wave Generator Using 8255
8086 Trainer Kit (LED)	8 Channel 8 Bit A/D using DAC-0809
8086 Trainer Kit (LCD)	Monitor Display Using 8279
Dual 8-Bit D/A Using 0808	Memory Interfacing for 8085
8255 Study Card	Elevator Simulator Kit
8051 Micro Controllor Trainer Kit (LCD)	LCD Interface (Alpha Numeric)
Stepper Motor Interfacing Card Using 8255	Keyboard Display (7 Segment Interface Moving Light Using 8255)
Electronic Measurement Lab	
LCR-Q Meter	4-Trace CRO Harmonic Distortion
300 Khz AM/FM Signal Generator	LCRQ Bridge
1 Mhz Function Generator	Wheatstone's Bridge
20Mhz Function Generator	Wines Bridge
200 Khz Signal Generator	Schearing Bridge Wheatstone's Bridge
Harmonic Distortion Meter	Hay's Bridge
25 Mhz 2-CH	Maxwell's Bridge
Power Factor Meter	

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FIRST YEAR & OTHER STUDENT EQUIPMENT LIST OF COMPUTER LAB

SL.NO.	SOFTWARES	QUANTITY
1	System Software: Windows XP, Windows 7, Linux 5	3
2	Legal Application Software: Microsoft office XP, Microsoft office 2007, AutoCAD 2007, AutoCAD 2009, Tally 7.2, Oracle 9i, Fox Pro 6.0, Turbo C/C++, Adobe Photoshop 7.0, Adobe Reader 7.0, Adobe Pagemaker 7.0, Visual Studio, Nero 7.0, Coreldraw 10.0, Winzip, WinRAR, JDK 1.5, Akurti 7.0, Leap Office, Mat Lab, Math Type 5.0	20

DETAILS LIST OF EQUIPMENTS, COMPUTERS, SOFTWARE'S ETC

1.	Number of Computers	108 Nos.
2.	Number of Legal System Software	03 Nos.
3.	Number of Legal Application Software	20Nos.
4.	Internet Bandwidth in Mbps	32mbps
5.	Internet Connection Ratio	1:4
6.	Number of Printers	12 Nos.

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TRANSPORTATION MATERIAL TESTING

LAB.

SEMESTER: - 4TH

LIST OF EQUIPMENTS

Sl. No.	EXPERIMENT NAME	ITEM
01.	Determination of workability of concrete	1. Slump Test Apparatus 2. Veebee consistometer. (D) 3. Compactive factor apparatus. (D2)
02.	Abrasion test	1. Lossangles abrasion testing machine with abrasive changes. (D3)
03.	Toughness of aggregates	1. Impact testing machine with tamping rod. (D4)
04.	Bitumen test a) Softening point of bitumen b) B) Hardness of bitumen	1. Penetrometer . (D5) 2. Ductility testing machine. (D6)

CE LAB – II

SEMESTER: - 4TH

LIST OF EQUIPMENTS

Sl. No.	EXPERIMENT NAME	ITEM
01.	Water content of soil by oven drying method.	1. Oven. (C – I) 2. Container 3. Weighing balance. (i) Up to 600 gm. (ii) Up to 6 Kg. (iii) Up to 30 kg.
02.	Determination of sp. Gravity of soil	1. Pyenometer. 2. Density bottle. 3. Glass rod. 4. Brush.
03.	Field density of soil	1. Core cutter. 2. Rammer.

04.	Sieve analysis	I. Sieve size - 75 μ , 90 μ , 150 μ , 300 μ , 600 μ , 1.18mm, 2.36mm, 2mm, 1.70mm, 4.75mm, 6.30mm, 8mm, 10mm, 12.5mm, 16mm, 20mm, 22.4mm, 25mm, 40mm, 50mm, 60mm, 80mm. Sieve Meter
05.	Liquid Limit	I. Cassagrande apparatus. 2. Cassagrande tool. 3. ASTM tool.
06.	Plastic Limit	I. Glass plate. (7.5*7.5) cm 2. Porcelain cup.
07.	Shrinkage limit	I. Shrinkage limit apparatus.
08.	Determination of co-efficient of permeability (9k)	I. Constant head permeability apparatus 2. Jodhpur permeability apparatus
09.	Determination of maximum dry density & o.m.c.	I. Proctor mould 2. Rammer (2.6 kg & 4.89kg)
10.	Determination of triaxial parameter by using triaxial apparatus	I. Triaxial testing machine with accessories (C10)
11.	CBR testing machine with all accessories	I. CBR mould. 2. Proving ring of 10 KN Capacity 2 KN Capacity 2.5 KN Capacity 2.0 KN Capacity 3. Dial gauge range – 0.01 to 25 mm.
12.	Consolidation testing machine	Consolidation testing machine with accessories. (C12)
13.	Direct shear test.	Direct shear test with all accessories. (C13)
14.	Swelling pressure apparatus.	Swelling pressure apparatus with all accessories. (C14)

CE LAB – III

SEMESTER: - 6TH

LIST OF EQUIPMENTS

Sl. No.	EXPERIMENT NAME	ITEM
01.	Determination of turbidity of water.	I. Nephelometer. 2. Jackson turbidometer.
02.	Determination of PH value of water.	I. PH meter 2. Colour comparator
03.	Conductivity of water	I. Conductivity meter
04.	Determination of iron content	I. Nessler's tube
05.	Determination of coagulant dose.	I. Jar test apparatus (E5)
06.	B.O.D. test	I. B.O.D. incubator (E6)
07.	C.O.D. test	I. C.O.D. apparatus with all accessories (E7) 2. Ammonia printing machine
08.	(a) Chloride content (b) Alkaline test (c) Acidity test	I. Titration apparatus with stand -do- I. Breakers- 5800 ml. 2. Breakers- 1000 ml.

		3. Measuring flask-250ml. 4. Burettes-50ml. 5. Burettes-50ml.-100ml. 6. Pipette (graduated) - 10ml. - 25ml. - 50ml. Weighing bottle with plastic dropper system - 500ml.
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C.E. LAB – I

SEMESTER:- 3RD

LIST OF EQUIPMENTS

Sl. No.	EXPERIMENT NAME	ITEM
01.	Determination of young's modulation of a material in a tensile testing machine	I. U.T.M. (Universal testing machine) with (B-1) Vernier caliper
02.	Normal consistency of cement	I. Vicat's apparatus with all accessories
03.	Initial & final setting time of cement	-Do-
04.	Soundness of cement	I. Lechateliers apparatus.
05.	Compressive strength of cement	1. Compression testing machine 2. Mould (15*15*15) cm. 3. Size of mould (7.06*7.06*7.06) cm 4. Cylindrical mould. (15*30) cm. 5. Tamping rod 6. Measuring jar 500 ml. 7. Trowel. 8. Rice plate
06.	Verification of Bernoulli's theorem	1. Bernoulli's apparatus. (B-6) 2. Steel scale.
07.	Determination of Cd, Cc, & Cv by an orifice	I. Orifice & mouthpiece. (B-7)
08.	Determination of Cd by a rectangular notch fitted in an open channel	I. Rectangular notch, (B-8)
09.	Determination of Cd by V-notch	I. V-notch. (B-9)
10.	Coefficient of discharge by venturimeter & orificemeter fitted in a pipe	1. Venturimeter . (B-10) 2. Orificemeter. (B-11)
11.	Head loss due to friction & coefficient of friction for flow through pipes	I. Friction loss apparatus. (B-12)
12.	Study of centrifugal pump	I. Centrifugal pump
13.	Study of reciprocating pump	I. Reciprocating pump.
14.	P.C. with scanner	I. P.C.
15.	Sieve Analysis of cement	I. 150 Micron, 90 Micron, 70 Micron

SURVEY - I

SEMESTER:- 3RD

LIST OF EQUIPMENTS

Sl. No.	EXPERIMENT NAME	ITEM
01.	Study of the essential features of diff. type of chains & tapes.	1. Metric chain-30m, 20m (with 10 arrows) 2. Metallic tape. (30 mt.) 3. Steel tape (30 mt.) 4. Small tape. (3 mt.)
02.	Chaining	1. Ranging rod (4mt.) 2. Woodwn peg. 3. Hammer. (Small) 4. Clinometers.
03.	Chain Surveying	1. Optical square 2. Cross Staff
04.	Angular measurement	1. Prismatic Compass with stand fiber.
05.	Leveling	1. Dumpy level. 2. Auto level. 3. Leveling staff. (5ft.)

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HYDRAULICS LAB

Sl. No.	EQUIPMENTS	QUANTITY
01.	CIRCULAR ORIFICE	1
02.	BERNOULLI'S APPARATUS	1
03.	MANOMETER	1
04.	MECHANICAL PRESSURE GAUGE	1
05.	FRANCIS TURBINE	1
06.	KAPLAN TURBINE	1
07.	PELTON TURBINE	1

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MECHANICAL LAB-I

Sl. No.	EQUIPMENTS	QUANTITY
01.	WORM AND WORM WHEEL	1
02.	WINCH CRAB SINGLE PURCHASE	1
03.	WINCH CRAB DOUBLE PURCHASE (WITHOUT WEIGHT)	1
04.	CAM AND FOLLOWERS SET OF 5	1
05.	MODEL OF COCHRAN BOILER	1
06.	SECTIONAL WORKING MODEL OF 2STROKE PETROL ENGINE	1
07.	SECTIONAL WORKING MODEL OF 4STROKE PETROL ENGINE	1
08.	SECTIONAL WORKING MODEL OF 2STROKE DIESEL ENGINE	1
09.	SECTIONAL WORKING MODEL OF 2STROKE DIESEL ENGINE	1
10.	GRAB BOX WITH CLUTCH	1
11.	GOVERNOR MODELS WITH ROTATOR	1
12.	SCREW JACK (SMALL SIZE)	1
13.	COMPOUND SCREW JACK (WITHOUT WEIGHT)	1
14.	WORKING MODEL OF MOTOR CAR STEERING	1
15.	HYDRAULIC BREAK UNIT (SINGLE BREAK DRUM)	1
16.	WHEEL TRAIN	1
17.	STEAM ENGINE	1
18.	DOMESTIC REFRIGERATOR	1

MECHANICAL LAB-II

Sl. No.	EQUIPMENTS	QUANTITY
01.	SEARL'S APPARATUS	1
02.	COMPRESSION TESTING M\C	1
03.	ROCKWELL/BRINELL HARDNESS TESTING M\C	1
04.	TORSION TESTING M\C	1
05.	ICE PLANT	1
06.	AIR COMPRESSOR	1
07.	STATIC BALANCING APPARATUS	1
08.	CAM ANALYSIS M\C	1
09.	JOURNAL BREAKING APPARATUS	1
10.	GYROSCOPE APPARATUS	1

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WORK SHOP- 2

Sl. No.	EQUIPMENTS (TOOLS)	QUANTITY
01.	LATHE CUTTING TOOL	1 packet
02.	KNUSLING TOOL	2 nos
03.	BORING TOOL	3 nos
04.	REAMERS	2 nos
05.	GROVING TOOLS (ALL TYPES)	Each 1 pieces
06.	GREESE	1 kg
07.	MOBOLI	2 lit
08	KEROSINE	2 lit
09.	SINE BAR	1 nos
10.	SLIP GAUSE	1 nos
11.	DIAL TEST INDICATER	1 nos
12.	SNIP	2 pic
13.	HAND BLOWER	2 nos
14.	RIVET	2 pac
15.	IRON BUCKET	2 nos

WORK SHOP- 1

Sl. No.	NAME OF THE EQUIPMENTS (TOOLS)	QUANTITY
01.	FILE (FLAT)	10
02.	BENCH VICE	30
03.	BENCH	6
04.	VERNIER HEIGHT GAUGE	1
05.	ANGLE PLATE	1
06.	HAND VICE	2
07.	SHANK/DRILL BIT SOCKET	3
08.	NUMBERS PUNCH	1
09.	ALPHABET PUNCH	1
10.	GLASS (WELDING)	1
11.	WELDING ROD	4
12.	SQUARE FILE	10
13.	TRANGULAR FILE	10
14.	ROUND FILE	10
15.	KNIFEEDGE FILE	5
16.	HALF ROUND FILE	10
17.	RASP FILE	15
18.	WELDING CLAMP	1
19.	FIRMER CHISEL	5
20.	BEVEL EDGE FIRMES CHISEL	5
21.	PARING CHISEL	5
22.	MORTISE CHISEL	5

23.	CARPENTRY VICE	10
24.	CARPENTRY VICE TABLE	3

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LIST OF THE MECHANICAL LAB. EQUIPMENTS

MECHANICAL LAB – I

1. Determine the MA, VR efficiency of screw jack.
2. Determine the end reaction of beam.
3. Determine the young's modulus by searl's apparatus.
4. Determine the personal rigidity of the shaft by using torsion testing machine.
5. Model study of 2 stroke / 4 stroke petrol engine.
6. Model study of 2 stroke / 4 stroke diesel engine.
7. Determine the flash point, fire point of any fuel.
8. Study and demonstration of static balancing apparatus.

MECHANICAL LAB – II

1. Determine the young's modulus by UTM.
2. Determine compressive test of wooden block/concrete block by compression testing machine.
3. Determine the hardness number by Rock well/ Vickers hardness testing machine.
4. Determine the resistance of material to the impact load by izad/ charpy test.
5. Model studies of boiler (Accessories, Mounting)
6. Performances testing of diesel engine.
7. Determine the BHP, IHP, BSFC of multicylinder engine by morse test.
8. Determine the overall efficiency mechanical efficiency at air compressor.
9. Study and demonstration of governors.
10. Study and demonstration of journal bearing apparatus.
11. Study of CAM analysis m/c.
12. Study and demonstration of gyroscope apparatus.

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LIST OF THE MECHANICAL LAB. EQUIPMENTS

MECHNAICAL ENGG.LAB-III

AUTOMOBILE & HEAT POWER LAB

1. Determine the COP of ICE PLANT
2. Study about the COP of refrigeration
3. Determine BHP,BSFC,thermal efficiency of single cylinder diesel engine
4. Determine the BHP,BSFE,thermal efficiency of single cylinder diesel engine
5. Determine the IHP of multicylinder petrol engine
6. Checking the spark plug & setting the point and check the ignition of spark plug
7. Study the electrical system of an automobile
8. Study the gear box & determine the gear ratio
9. Study the differential mechanism and determine differential ratio
10. Study the steering mechanism
11. Study the hydraulic brake ,Bleeding & adjustment of hydraulic brake
12. Study of hydraulic control
13. Determine the flash point and fire of any fuel

LIST OF THE MECHANICAL LAB. EQUIPMENTS

HYDRAULIC's -LAB

1. Study of Mechanical Pressure Gauge
2. Study of Manometer
3. Determine C_c , C_d ,& C_v for circular orifice
4. Verify Bernoulli's Theorem
5. Perform Experiment on Hydraulic Turbine's
 - Francis turbine
 - Kaplan turbine
 - Pelton turbine
6. Performance Test of Centrifugal Pump.
7. Performance Test of Reciprocating Pump

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EQUIPMENTS FOR ELECTRICAL WORKSHOP PRACTICE

SL NO.	LIST OF EQUIPMENTS
1	Earth pipe (r=38mm,4meter)
2	G.I pipe(r=12.7mm)
3	G.I wire(6sq.mm)
4	Charcoal/coke
5	Salt
6	7 strand copper wire (pvc)22swg
7	Hand vice
8	Fluorescentlamp(both ac&dc)
9	High pressure mercury vapour lamp
10	Sodium vapour lamp(with choke)
11	Choke(manual&electronics)
12	Tube starter(glow type)
13	Tube frame with holder
14	Multimeter
15	P.v.c connecting wire(1 sq. Mm ,4sq. Mm)
16	Step down transformer(tapped type,230v/0-12v-30v)
17	Selector switch
18	Rectifier diode(in 4007 mic)
19	Resistor
20	Battery(lead acid)old
21	Catridge fuse(6a small size)
22	Capacitor (ceramic type)
23	Power switch
24	Old ceiling fan & table fan(ac & dc)
25	Dc generator(series wound,shunt wound & compound wound) with starter
26	Battery
27	Hydrometer
28	Voltmeter (ac & dc)
29	Ammeter(ac & dc)
30	Electrolyte
31	Dc motor starter(2 point)
32	3 point
33	4 point
34	Drum controller
35	Ac motor starter(single phase dol starter)
36	Three phase dol starter

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EQUIPMENTS FOR POWER ELECTRONICS LAB

SL NO	LIST OF EQUIPMENTS
1	$I\Phi$ series inverter
2	SCR characteristics
3	DIAC characteristics
4	TRIAC characteristics
5	Phase control method
6	UJT triggering method
7	Cosine controlling triggering method
8	Ups trainer
9	Ac servo voltage stabilizer as servomechanism
10	Battery monitoring system
11	Voltage regulator using IC 78xx series
12	Parallel series inverter
13	Voltage regulator using zener diode & transistor
14	PLC Trainer Kit

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SL NO.	LIST OF EQUIPMENTS
1	Ohm's law trainer
2	R-L-C series & R-L-C parallel resonance circuit
3	Superposition theorem trainer kit Norton's theorem trainer kit Thevenin's theorem trainer kit Milliman's theorem trainer kit Maximum Power Transfer theorem kit
4	Transient response of an r-l-c circuit
5	Study of filters trainer kit(l.p.f, h.p.f ,b.p.f. b.s.f)
6	B-h curve & Hysteresis loop
7	T & Π section attenuators
8	C.R.O
9	Function generator
10	Bread board
11	Power supply
12	Power chord
13	PATCH CHORD

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EQUIPMENTS FOR BASIC ELECTRICAL LAB

SL NO	LIST OF EQUIPMENTS
1	1 Φ transformer(220/110v)
2	Universal motor
3	Series motor
4	Capacitor motor
5	Repulsion motor
6	3 Φ squirrel cage Induction motor
7	3 Φ slip ring Induction motor
8	Dc compound motor
9	Dc shunt motor
10	Dc series motor
11	Digital tachometer (Contact Type)
12	Wheatstone's bridge
13	Ac energy meter
14	Ac volt meter(M.I type)
15	Dc volt meter(M.I type)
16	Manual choke
17	Electronic choke
18	Tube starter
19	Straight holder
20	Angle holder
21	5-pin socket
22	I- way switch
23	Woods board
24	Heavy duty screw driver
25	Electrician knife
26	Insulation plier
27	Connecting screw driver
28	Tester
29	Extension chord
30	1 Φ transformer(110/220v)
31	1 Φ variac
32	1 Φ watt meter
33	Power factor meter
34	Drum controller
35	Wire cutter
36	Wire stripper
37	Rheostat(100 Ω 200 Ω 500 Ω)
38	Insulation tester(analog/digital)
39	Florescent tube
40	Sodium vapour lamp
41	Tube frame with holder
42	Dpst switch
43	Capacitor
44	Switch & plug key
45	Variable inductive load
46	Variable capacitive load
47	Resistive load
48	Field regulator
49	13mm. Dia.50cm length g.i earth probe
50	Connecting leads 7/20 swg
51	Hammer(5kg)
52	30 meter measuring tape
53	Hand drill machine with bits
54	Fixed hack saw
55	Pocker
56	Fuse holder(5 a/230v)
57	Incandescent bulb(100w)
58	Pvc connecting wire(r.v.b.black)
59	Pvc tapes(r.v.b.black)
60	Digital multimeter

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EQUIPMENT FOR MACHINE LAB-I & II

SL NO	LIST OF EQUIPMENT
1	AC motor /DC generator
2	Motor alternator set
3	3 Φ squirrel cage motor
4	3 Φ slip ring motor
5	Ac series motor
6	Universal motor
7	Dc shunt motor
8	Milli ammeter
9	Volt meter(m.i type)
10	Ammeter(0-2.5a)
11	Ammeter(0-5a)
12	Insulation tester(analog)
13	Analog tachometer
14	Digital tachometer
15	Digital multimeter
16	Tong ester
17	1 Φ transformer
18	3 Φ transformer
19	1 Φ loading rheostat
20	3 Φ loading rheostat
21	Dc series motor
22	Dc compound motor
23	Drum controller
24	Dc series generator
25	Dc shunt generator
26	Dc compound generator
27	Alternator
28	Shaded pole motor
29	Synchronous motor
30	Repulsion motor
31	Capacitor start motor
32	1 Φ d.o.l. stator
33	3 Φ d.o.l. stator
34	Auto-transformer stator
35	3 Φ silicon controlled rectifier
36	Oil circuit breaker
37	Buchholz relay
38	Earth fault relay
39	Induction type over current /reverse power relay
40	Manual star delta starter
41	3 Φ energy meter
42	3 Φ wattmeter
43	1 Φ wattmeter
44	Power factor meter
45	Insulation plier
46	Neon tester
47	Connecting screw driver
48	Electrician knife
49	Incandescent bulb(200w)
50	Incandescent bulb(100w)

51	Straight holder
52	Wire cutter
53	P.v.c connecting wire(r.v.b. black)
54	P.v.c tubes(r.v.b. black)
55	Rheostat(1000 2000 5000)
56	Auto transformer
57	Current transformer
58	Potential transformer

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CHEMICALS FOR CHEMISTRY LAB.

SL. No.	Name of the Chemicals	Quantity As Per the Stock
1.	Hydrochloric Acid	10×500 ml
2.	Sulphuric Acid	10×500 ml
3.	Nitric Acid	5×500 ml
4.	Ammonium Hydroxide	5×500 ml
5.	Sodium Chloride	2×500 ml
6.	Marble Chips	5×1 kg
7.	Ammonium Chloride	2×500 gm
8.	Calcium Oxide	2×500 gm
9.	Blue Litmus Paper	3 Packets
10.	Sodium Sulphide	1×500 gm
11.	Sodium Nitrate	1×500 gm
12.	Sodium Sulphate	1×500 gm
13.	Copper Sulphate	2×500 gm
14.	Ferrous Sulphate	1×500 gm
15.	Potassium Dichromate	1×500 gm
16.	Magnesium Sulphate	1×500 gm
17.	Potassium Permanganate	1×500 gm
18.	Barium Chloride	1×500 gm
19.	P.H Paper	2 Packets
20.	Red Litmus Paper	3 Packets
21.	Filter Paper	2 Packets
22.	Spirit Lamp	2×500 ml
23.	Aluminum Chloride	1×500 gm
24.	Lead Acetate	1×500 gm
25.	Zinc Sulphate	1×500 gm
26.	Sodium Carbonate	1×500 gm
27.	E.D.T.A	1×50 gm
28.	Calcium Sulphate	1×500 gm
29.	Methyl Orange Solution	1×125 ml
30.	Cobalt Nitrate	1×100 gm
31.	Fusion Mixture	1×500 gm
32.	Ammonium Carbonate	1×500 gm
33.	Acetic Acid	1×500 ml
34.	Sodium Hydroxide	1×500 gm
35.	Sodium Nitrite	1×500 gm
36.	Silver Nitrate	1×25 gm
37.	Lead Acetate	1×500 gm
38.	Ammonium Ferrous Sulphate	1×500 gm
39.	Aluminum Sulphate	1×500 gm
40.	Barium Chloride	1×500 gm
41.	Ferrous Sulphate	1 kg
42.	Potassium Pyroantimonate	1×100 gm

43.	Borax	1×500 gm
44.	Soda Lime	1×500 gm
45.	Zinc Metal Powder	1×500 gm
46.	Copper Metal	1×100 gm
47.	Buffer Capsule P.H-4.0	10 Capsule
48.	Buffer Capsule P.H-9.2	10 Capsule
49.	Erichrome Black-T	25 gm
50.	Double Blue Glass	8 nos
51.	Platinum Loop	15 nos
52.	Nochrome Wire	1 coil
53.	Calcium Carbonate	1×500 gm
54.	Cupric Nitrite	500 ml
55.	Calcium Chloride	500 ml
56.	Sodium Sulphate	500 gm

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EQUIPMENTS OF CHEMISTRY LAB

SL. No.	Name of the Equipments	Quantity As Per the Stock
01.	Delivery Tube	1kg
02.	Burette	20 nos
03.	Pipette	7 nos
04.	Beakers(250 ml)	32
05.	Conical Flax(250 ml)	40
06.	Test Tube	2 Packets
07.	Gas Jar	20 nos
08.	Blow Pipe	19 nos
09.	Graduated Pipate	3 nos
10.	Measuring Flask	10 nos
11.	Measuring Cylinder	12 nos
12.	Wire Gauge	11 nos
13.	China Basin	11 nos
14.	Test Tube Holder	10 nos
15.	Test Tube Brush	34 nos
16.	Charcoal Box	2 Packets
17.	Tripode Stand	10 nos
18.	Test-tube Stand	10 nos
19.	Bunsen Burner	6 nos
20.	Hard Glass Test Tube	1 Packet
21.	Sprit Lamp	2nos
22.	Thistle Funnel	10 nos
23.	Woufes Bottle	10 nos
24.	Reagent Bottle(100 ml)	62 nos
25.	Regent Bottle(250 ml)	50 nos
26.	Regent Bottle(500 ml)	30 nos
27.	Clamp Stand	10 nos
28.	Filter Stand	10 nos
29.	Titration Stand	10 nos
30.	Glass Rod	5 kg
31.	Glass Pipe	1 kg
32.	Mortar	2 nos
33.	Dropper	2
34.	Tong	10 nos
35.	P.H Meter	1 no
36.	Graduated Pipette	3 nos
37.	Spatula	2 nos
38.	Pyrex Test Tube	5 Packets
39.	Kipp's Apparatus	1 no

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PHYSICS LAB INSTRUMENT LIST

SL. No.	Name of the Instrument	Quantity As Per the Stock
1.	Ammeter	10
2.	Bar Magnet	10
3.	Battery	5
4.	Curved Lens	10
5.	Copper Wire	200 gm
6.	Drawing Board	20
7.	Friction Table	10
8.	Galvano Meter	10
9.	Hair Pin	50
10.	Hollow Cylinder	15
11.	Key (Tap)	5
12.	Lens	10
13.	Lens Stand	10
14.	Meter Bridge	5
15.	Metallic Bob	5
16.	Magnetic Needle	21
17.	Meter Scale	10
18.	Physical Balance	3
19.	Post Office Box	5
20.	Prism	18
21.	Pluck Key	6
22.	Resistance Box	25
23.	Resistance Wire	100 gm
24.	Rheostat	5
25.	Slide Calipers	20
26.	Screw Gauge	20
27.	Spherometer	20
28.	Heavy Stand	15
29.	Stop Watch	5
30.	Voltmeter	5
31.	Weight Box	10
32.	Resistance Wire	20
33.	Plain Glass	20
34.	Big Size Drawing Board	10



COURT OF THE TAHASILDAR KORAPUT

R.M.C.No. 1772/2008

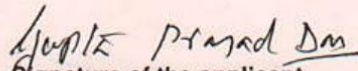
LAND USE CERTIFICATE


This is to certify that the following schedule of the land acquired in the name of Tarani Improvement Trust, Pujariput, Koraput, PO/PS/SR/Tah/Dist. Koraput represented by its Chairman, Sri Gupta Prasad Dash of Pujariput, Koraput is duly concerted as Gharbari And purported to be used exclusively for education purpose.

Schedule of the land

Mouza	Khata No.	Plot No.	Kissam	Extent	Boundaries.
Ektaguda	6/11	28	Gharbari	Ac 4.48	N. Lalchand Patnaik S: Lalchand Patnaik
Ektaguda	6/11	33	-do-	0.65	N: Own S. Sh7amasundar Patra

As such we have no manner of objection for undertaking constructions by the said organisation namely Tarani Improvement Trust.


Signature of the applicant


Tahasildar, Koraput
TAHSILDAR
KORAPUT

