

IDEAL SCHOOL OF ENGINEERING

Near Retang Railway Station, Retang, Bhubaneswar-752054

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

1) INSTITUTION DETAILS

IDEAL SCHOOL OF ENGINEERING

Near Retang Railway Station
At-Jhinkharada, P.O-Retang, Bhubaneswar
Dist – Khordha, Pin Code – 752054
Telephone No. : 9040010603, 7205011603
E-mail ID: engineering.ideal@gmail.com
Website: www.idealschool.edu.in

2) TRUST

S.B.P. Trust

38, Jagmohan Nagar, Bhubaneswar

Corporate Office:

Archid House,
Khandagiri, Bhubaneswar
Dist-Khordha, Pin code – 751030
Mobile: 9337355101, 9337744603

3) TRUSTEE MEMBERS

- Er. (Mrs.) Bishnupriya Sundaray
- Mr. Ranjan Kumar Sundaray
- Mrs. Sagarika Sundaray

4) PRINCIPAL DETAILS

Prof. Samir Kumar Mohanty

Mob. 6372486057

E-mail ID: principal.ideal@gmail.com

5) AFFILIATING UNIVERSITY

State Council for Technical Education & Vocational Training, Odisha (SCTE&VT, Odisha)

6) APPROVING BODY

All India Council for Technical Education, New Delhi (AICTE, New-Delhi)

7) MEMBERS OF GOVERNING BODY & ACADEMIC ADVISORY BOARD.

<u>NAME</u>	<u>PROFILE</u>
• Mr. Ranjan Kumar Sundaray	Graduate, Social Worker & Secretary, SBP Trust.
• Mr. Amiya Ranjan Badajena	MBA, Social Worker, Chairman OCWET.
• Mr. Rashmi Ranjan Samantaray	B. Sc, LLB, Asst. Auditor Office of A.G.
• Mrs. Sagarika Sundaray	Post Graduate, Social Worker & Trustee, SBP Trust.
• Mr. Nihar Ranjan Mohapatra	OAS-I, Commissioner, State Transport Authority, Odisha.
• Dr. Rabindra Kumar Mohapatra	MBBS, MD. Asst. Professor in Pediatric Dept. SCB, Cuttack.
• Prof. Samir Kumar Mohanty	Principal, Ideal School of Engineering.
• Er. Satish Ranjan Dhar	HOD, Dept. of Elect. Engg., & Academic Head, ISE, BBSR
• Er. Sangram Keshari Padhi	HOD – Mech. Engg. Dept, ISE, BBSR
• Regional Officer, AICTE	
• Nominee of D.T.E. & T, Govt. of Odisha.	
• Nominee of Govt. of Odisha	

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

8) OTHER FACILITIES AND INITIATIVES OF COLLEGE:

- ✓ **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 2021-22 of AICTE, New Delhi.

9) ANTI – RAGGING CELL

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	Prof. Samir Kumar Mohanty	PRINCIPAL	6372486057	principal.idealse@gmail.com
2	Er. Satish Ranjan Dhar	HOD, Elect. Engg.	7978541707	satishdhar1060@gmail.com
3	Er. (Mrs) Monalisha Mohapatra	HOD, Civil Engg.	8763391911	mohapatramonalisha008@gmail.com
4	Er. Utkal Keshari Rout	Lecturer, Elect. Engg.	8908122970	utkalkeshari.nb@gmail.com
5	Er. (Mrs) Supriya Sahoo	Lecturer, Civil Engg.	9658653667	supriyasahoocivil@gmail.com
6	Mrs. Sandhyarani Satrusalya	Office Executive	9778576337	satrusalya.sandhyarai@gmail.com
7	Mr. Pravakar Sahoo	Accountant	9778610370	pravakars02@gmail.com
8	Er. Sangram Keshari Padhi	HOD, Mech. Engg. Dept.	7978105650	kesharisangram37@gmail.com
9	Mr. Sudarshan Pradhan	Computer Operator	9556523453	sudarshanp02@gmail.com
10	Er. (Mrs.)Gitanjali Mohanty	Lecturer, Mech. Engg.	7008502890	seema070784@gmail.com
11	Mrs. Jasaswini Mohapatra	NGO Activist	9437160173	mohapatrajasaswini@gmail.com
13	Mr. Dharanidhar Nanda	W & CD, Govt. of Odisha	7008713093	dharanidnanda@gmail.com
12	Ms. Gayatri Samantaray	Deputy Collector, Khordha, Odisha	7008237739	gsamantaray1@gmail.com
13	Mr. Balaram Lenka	News Reporter, OTV	9853627815	balaram.lenka@gmail.com
14	Mr. Bibhu Patra	Student – 3 rd Yr.	9861874948	Patrabibhu948@gmail.com
15	Mr. Dillip Kumar Sahoo	Guardian	8249701670	Sahoo.dilipk@gmail.com
16	Miss. Nibedita Jena	Student – 2 nd Yr.	8260429645	Jena.nibedita645@gmail.com
17	Mr. Omkar Mishra	Student – 2 nd Yr.	7846850307	mishraommkar07@gmail.com
18	Mr. Dasaratha Behera	Guardian	9668462806	Behera.dasarathi06@gmail.com

10) ONLINE GRIEVANCE REDRESSAL CELL

- ✓ Online Grievance Redressal Mechanism has been implemented. Grievances can be submitted online to the **URL :www.idealschool.edugrievance.com**
- ✓ 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/ Lega112012, dated 25.05.2012) with the following members.

Sl. NO.	Name of Committee Member	Designation	Contact No.
1	Dr. Lakshman Das	Retd. Prof. SCB Medical College	9437206174
2	Dr. Sabyasachi Ratha	Retd. Prof. OUAT	9938707818
3	Dr. Ramesh Chandra Mishra	Retd. Prof. OUAT	9437883652
4	Prof. Samir Kumar Mohanty	Principal	6372486057
5	Er. Monalisha Mohapatra	HOD, Civil Engg. Dept.	8763391911
6	Er. Sangram Keshari Padhi	HOD, Mech. Engg. Dept.	7978105650
7	Er. Marshal Marandi	Lecturer, Mech. Engg. Dept.	9937942854

11) INTERNAL COMPLAINT COMMITTEE

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.**

The Members of the Committee are as mentioned:

Sl. NO.	Name of Committee Member	Designation
1	Er. (Mrs.)Gitanjali Mohanty	Presiding Officer
2	Er. Adarshi Manisha Biswal	Member
3	Mr. Utkal Keshari Rout	Member
4	Miss. Meera Behera	Member
5	Mrs. Jasaswini Mohapatra	Member
6	Bhagirathi Behera	Member
7	Mihir Bhatta	Member
8	Pravati Behera	Member
9	Abhijeet Biswal	Member

12) SC & ST CELL

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	Mrs. Sandhyarani Satrusalya	Office Executive
2	Er. Krushna P. Samantara	Lecturer in Elect. Engg.
3	Miss. Meera Behera	Lecturer – Civil Engg.
4	Mr. Laxmidhar Mallick	MTS
5	Mr. Sudarshan Mallick	MTS
6	Mr. Marshal Marandi	Lecturer – Mech. Engg.
7	Mandakini Behera	Student

13) INTERNAL QUALITY ASSURANCE CELL

Internal Quality Assurance Cell has been constituted and is functioning

Sl. NO.	Name of Committee Member	Designation
1	Prof. Samir Kumar Mohanty	Principal
2	Er. Nirmala Nanda Dhal	HOD, ETC. Engg.
3	Er. Satish Ranjan Dhar	HOD, Elect. Engg.
4	Er. Sangram Keshari Padhi	HOD, Mech. Engg.

14) STUDENT COUNSELLOR DETAILS

The members are:

Sl. NO.	Name of Member	Designation
1	Er. Krushna P. Samantara	Lecturer – Elect. Engg.
2	Mrs. Gitanjali Mohanty	Sr. Lecturer – Mech. Engg. Dept.

15) INSTITUTION-INDUSTRYCELL

The members are:

Sl. NO.	Name of Member	Designation
1	Er. Satish Ranjan Dhar	HOD, Elect. Engg.
2	Er. Sangram Keshari Padhi	HOD, Mech. Engg.
3	Mr. Pradipta Kumar Pradhan	HR

16) PROGRAMMES OFFERED

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

Sl. No.	Branch	Intake Capacity
1	Civil Engineering	60
2	Electrical Engineering	120
3	Electronics & Telecommunication	30
4	Mechanical Engineering	60

- ✓ **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).

17) NBA ACCREDITATION STATUS

Applied for Accreditation	NA
Applied but Visit not Happened	--
Visit happened but result awaited	--
List of Programmes/courses not applied	<ul style="list-style-type: none">• Civil Engg.• Electrical Engg.• Electronics & Tele. Comm. Engg.• Mechanical Engg.
List of programmes/courses may be shown	--
Name/List of Programmes/Courses Accredited	--

18) NAAC ACCREDITATION STATUS

Accredited	NA
Applied for Accreditation	NA
Applied but Visit not Happened	--
Visit happened but result awaited	--
Not Applied	YES

19) COURSE FEE

- ✓ *Course Fee approved by State Fee Committee, for the Institution: **Rs. 26500/- 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%** of total intake is allowed to get admission into different first year diploma courses in our institute. State candidates having family **Annual Income less than 8 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.*
- ✓ *Provision for **10%** supernumerary seats for **Economically Weaker section (EWS)** quota for admission in Technical Institutions for the current Academic Session.*

20) ADMISSION PROCEDURE

*Directorate of Technical Education & Training (DTE&T), Odisha will release the application form for diploma admission. The notification will be released for admission to Diploma Engineering / Diploma Engineering (Lateral Entry). Candidates desirous of admission to Diploma course will have to **APPLY THROUGH ONLINE MODE ONLY.***

Admissions to 1st-semester Diploma Engineering and 3rd-semester Diploma Engineering (Lateral Entry) will be made according to the merit rank drawn on the basis of the marks obtained by a candidate in the qualifying examination through web-based e-counseling.

ELIGIBILITY CRITERIA

2. 1st semester Diploma Courses

- *Pass in HSC Examination conducted by BSE, Odisha / 10th standard examination declared equivalent by BSE, Odisha and obtained at least 35 % marks in aggregate, securing 30% marks in each subject at the qualifying examination with English, Math & Science subjects.*

- *Lower age 14 years and Upper age – No bar*

2. Third semester diploma courses (Lateral admission for eligible branches only)

- *Pass in +2 Science Examination from CHSE, Odisha or its equivalent examination with PCM / +2 Vocational (2 years course) in any Engineering Trades /2 years ITI in Engineering Trade/COE Trade with pass in HSC examination conducted by BSE, Odisha/ 10th standard examination declared equivalent by BSE, Odisha securing 30% marks in each subject at the qualifying examination.*

- *Lower age 14 years and Upper age – No bar*

APPLICATION FORM

For admission to various Diploma Courses, the candidate has to apply through online mode only and make payment of application fee (Non-Refundable). The online

Application Form for all Diploma Courses is available on the website (dtetodisha.gov.in), which must be filled up correctly and should be submitted ONLINE on or before due date & time.

ADMISSION

ODISHA STATE CANDIDATES (S – DOMICILE)

- ✓ For admission to Engineering Schools/ Polytechnics under State Domicile, a candidate has to satisfy at least one of the following criteria.
- ✓ The Candidate must have passed H.S.C/ 10th examination declared equivalent by BSE, Odisha from any of the recognized institution in the State.
- ✓ Parents of the candidate must be permanent residents of Odisha. To claim benefit under this class, the candidate shall furnish a permanent resident certificate from a Revenue Officer not below the Rank of Addl. Tahasildar of the area where his/her parents have the permanent residence.
- ✓ Sons/ daughters/ spouse of the permanent employees of the Government of Odisha/ Government of India/Government of Odisha undertakings/ Government of India undertaking serving in the State of Odisha at the time of application are also included under the category. To claim this benefit under this S-Domicile, the candidate has to submit a certificate from the Employer of his/her parents/spouse in the prescribed form.
- ✓ The reservation facility will be made available to the children/wards of All India Civil Service Officers serving in the State at par with the natives of Odisha except the reservations being extended to ST, SC and SEBC categories so far as admission to Professional / Technical Institutions in the State is concerned.
- ✓ Parents of the candidate must be permanent residents of Odisha. To claim benefit under this class, the candidate shall furnish a permanent resident certificate from a Revenue Officer not below the Rank of Addl. Tahasildar of the area where his/her parents have the permanent residence.
- ✓ Sons/ daughters/ spouse of the permanent employees of the Government of Odisha/ Government of India/Government of Odisha undertakings/ Government of India undertaking serving in the State of Odisha at the time of application are also included under the category. To claim this benefit under this S-Domicile, the candidate has to submit a certificate from the Employer of his/her parents/spouse in the prescribed form.
- ✓ The reservation facility will be made available to the children/wards of All India Civil Service Officers serving in the State at par with the natives of Odisha except the reservations being extended to ST, SC and SEBC categories so far as admission to Professional / Technical Institutions in the State is concerned.

OUTSIDE STATE CANDIDATES (Z – DOMICILE)

- ✓ Any candidate who does not satisfy any of the criteria for the 'S' Domicile will be treated as outside State Candidate (Z). 15% seats are reserved for 'Z' candidates in 1st Semester of Private Polytechnics/Engineering Schools only.
- ✓ 'Z' domicile candidates are also eligible to take admission under Lateral entry provided they have prosecuted their study for the qualifying examination in an institute having approval from the competent authority after exhaustion of state merit list.
- ✓ 'Z' candidates have to submit Residential Certificate from the competent authority of their State.

RESULT

Odisha Polytechnic / Diploma Admission will be announced by the Directorate of Technical Education and Training on the official website i.e. dheodisha.gov.in. Separate merit list for all applicants will be drawn on the basis of marks secured by a candidate in the qualifying examination. The admission will be purely on the basis of the merit.

COUNSELING

After the publication of merit list candidates will be called for counseling on scheduled date and time. Original documents to be brought on the day of reporting at the Nodal Centre for Counselling (NCC). Applicants shall have to report personally with the downloaded application form and registration slip exactly at the time, date and venue as per the counseling programme to be notified. He/ She is also required to produce the following original documents as applicable at the time of reporting at the NCC.

ORIGINAL DOCUMENTS TO BE BROUGHT ON THE DAY OF REPORTING AT THE NODAL CENTER FOR COUNSELLING (NCC):

- Pass certificate of High School Certificate (HSC) examination awarded by BSE, Odisha /10th standard examination certificate declared equivalent by BSE, Odisha in support of qualifying examination.
- Mark sheet of HSC examination awarded by BSE, Odisha/10th standard examination declared equivalent by BSE, Odisha securing minimum marks as per the eligibility criteria.
- Caste Certificate (SC/ST) from a competent authority issued in the proforma in Form-I / the prescribed format of the competent authority.
- Sports Certificate issued/countersigned by the Director of Sports & Youth Services, Odisha or by the competent authority as declared by the Govt. from time to time (in case of candidates claiming reservation under Sports).
- NCC certificate (A, B or C) from appropriate authority (in case of candidates claiming reservation under NCC)
- Green Card of parent issued by concerned CDMO (in case of candidates claiming seats under Green Card category).
- Certificate in Form-II from the competent authority for reservation under Ex-Servicemen Quota.
- Z-Domicile candidates have to produce the following certificates: a) Residential Certificate from the competent authority of their State. B) Mark sheet of HSC examination /10th standard examination of the institute located in their State, declared equivalent by BSE, Odisha securing minimum marks as per the eligibility criteria.
- L candidates have to produce the following certificates: a) Residential Certificate from the Revenue Officer not below the Rank of Tahasildar that he/she belongs to outlying Oriya speaking tracts in Form-III (Part-I). b) Mark sheet of M.E. or H.S.C examination in support of having Oriya as a subject at M.E. or H.SC examination in Form-III (Part-II).
- Employers' certificate in Form-IV as applicable.
- Permanent Residence Certificate (in case of reservation category / Lateral Admission) in Form-V as applicable, failing which the claim for Reservation / Lateral Admission shall not be considered.
- ITI Pass/ +2 Science (PCM) / +2 Vocational pass certificate & mark sheet issued by SCTE&VT, Odisha/CHSE/ 12h standard examination declared equivalent by CHSE, Odisha respectively.

- Annual Income Certificate as appended in Form-VIII / in the format from the competent authority in case of candidate claiming seats under TFW category not earlier than April 2016.
- Medical fitness certificate from Government Doctor not below the rank of Asst. Surgeon in Form-VII. A candidate intending to take admission in HMCT will have to furnish a separate medical fitness certificate in Form-VI.

ORIGINAL DOCUMENTS TO BE SUBMITTED ON THE DAY OF REPORTING AT THE FINALLY ALLOTTED INSTITUTE.

- ✓ Final downloaded Seat Allotment Letter from the website.
- ✓ Fee deposit slip (institute copy) in respect of seat allotment.
- ✓ Conduct Certificate and SLC / CLC from the institution last studied.
- ✓ Recent passport size photographs duly attested.
- ✓ Migration Certificate in case of candidates passing the 10th standard examination from any Board other than Board of Secondary Education, Odisha

All original certificates are subject to verification by issuing authorities. The candidate should be very careful in submitting the certificates during counseling. The head of the Institutes is being instructed to get all documents verified within Six (06) months, failing which the candidates will not be allowed to continue in 3rd / 5th Semester / 2nd year.

21) PLACEMENT

In last three years, we have provided placement assistance to our students in many reputed firms with **Minimum Salary 1 lakhs CTC** and **Maximum Salary: 2 lakhs CTC**. Average Salary: Around 80K CTC. The College is also been tied up with some Placement Consultancy Agencies that help us in giving placement to our students throughout the year. Also students have been posted in some Govt. jobs by attempting competitive exams.

22) FACULTY MEMBERS

We have maintained Permanent Faculty: Student Ratio as **1:25** (as per the requirement of AICTE, New Delhi in APH 2019-20).

Branch-wise faculty list is mentioned below.

Prof. Nirmala Nanda Dhal	Principal	ETC. Engg. Dept.
DEPARTMENT OF CIVIL ENGINEERING		
Er. (Ms.) Monalisha Mohapatra		HOD
Er. (Ms.) Adarshi Manisha Biswal		Lecturer
Er. (Ms.) Supriya Sahoo		Lecturer
Er. (Ms.) Meera Behera		Lecturer
Er. (Ms.) Lipsa Behera		Lecturer
Er. Purak Sundaray		Lecturer
Er. Nihar Ranjan Nayak		Lecturer
Er. (Ms.) Arpita Rout		Lecturer
Er. (Ms.) Padmini Pragyasini Baral		Lecturer
Er. (Ms.) Itismita Swain		Lecturer

Mr. Chiku Senapati	Lab Assistant
DEPARTMENT OF ELECTRICAL ENGINEERING	
Er. Satish Ranjan Dhar	HOD
Er. Utkal Keshari Rout	Lecturer
Er. (Ms.) Archana Parida	Lecturer
Er. Satyakam Mohapatra	Lecturer
Er. Prabin Kumar Sahoo	Lecturer
Er. Kishor Kumar Sethi	Lecturer
Er. Deepak Kumar Swain	Lecturer
Er. Krushna P. Samantara	Lecturer
Er. (Ms.) Priyanka Priyadarshini Lenka	Lecturer
Mr. Sahil Mohanty	Lab Assistant
Mr. Padmanav Beura	Lab Assistant
Mr. Niranjan Behera	Lab Assistant
DEPARTMENT OF MECHANICAL ENGINEERING	
Er. Sangram Keshari Padhi	HOD
Er. Sabyasachi Padhi	Lecturer
Er. Ashutosh Raha	Lecturer
Er. (Mrs.) Gitanjali Mohanty	Lecturer
Er. Prabir Kumar Pradhan	Lecturer
Er. Marshal Marandi	Lecturer
Mr. Bhagirathi Behera	Lab Assistant
Mr. Rakesh Kumar Das	Lab Assistant
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING	
Er. (Mrs.) Sasmita Sahoo	Lecturer
Er. (Mrs.) Pratikshya Samantaray	Lecturer
Mr. Brusav Majhi	Lab Assistant
FACULTIES OF BASIC SCIENCE	
Miss. Nibedita Giri	HOD
Miss. Priyambika Sahoo	Lecturer
Mrs. Prajna Sundaray	Lecturer
Mr. Ratikant Rout	Lecturer
Miss. Subhangi Gumansingh	Lecturer
Mr. Narayan Parida	Lecturer
Miss. Padmini Dharua	Lecturer
Mr. Om Prakash Sethi	Lab Assistant

23) FACULTY PROFILE

Name of the Faculty	Prof. Samir Kumar Mohanty
Designation	PRINCIPAL
Department	Mech. Engg.
Educational Qualification	M-Tech
Unique ID	1-511646263
Date of Birth	12-04-1983
Teaching Experience	17yrs
Courses Taught	DIPLOMA & B-Tech
Projects carried out	07
Area of Specialization	Mechanical Engg.
Teaching Subjects	Machine Design, Mechanics, Thermal Engg., Power Plant Engg.




DEPARTMENT OF CIVIL ENGINEERING


Name of the Faculty	Er. Mondalisha Mohapatra
Designation	HOD
Department	Civil Engg.
Educational Qualification	M-Tech
Unique ID	1-2707575336
Date of Birth	15-07-1994
Teaching Experience	7yrs
Courses Taught	DIPLOMA
Projects carried out	06
Area of Specialization	Civil Engg.
Teaching Subjects	Railway & Bridge Engg., Structural Design, Construction Management




Name of the Faculty	Er. Adarshi Manisha Biswal
Designation	Lecturer
Department	Civil Engg.
Educational Qualification	B-Tech
Unique ID	1-2918153702
Date of Birth	24-02-1994
Teaching Experience	6yrs
Courses Taught	DIPLOMA
Projects carried out	04
Area of Specialization	Civil Engg.
Teaching Subjects	Concrete technology, Building Materials & Const. Tech., Water Supply





Name of the Faculty	Er. Supriya Sahoo	
Designation	Lecturer	
Department	Civil Engg.	
Educational Qualification	B-Tech	
Unique ID	1-3369524753	
Date of Birth	26-06-1994	
Teaching Experience	5yrs	
Courses Taught	DIPLOMA	
Projects carried out	04	
Area of Specialization	Civil Engg.	
Teaching Subjects	Land Survey, Estimating & Costing, Environmental Studies	


Name of the Faculty	Er. Purak Sundaray	
Designation	Lecturer	
Department	Civil Engg.	
Educational Qualification	B-Tech	
Unique ID	1-9523763738	
Date of Birth	02-10-1997	
Teaching Experience	2yrs	
Courses Taught	DIPLOMA	
Projects carried out	02	
Area of Specialization	Civil Engg.	
Teaching Subjects	Highway Engineering, Adv. Const. Techniques & Equipments	

Name of the Faculty	Er. Nihar Ranjan Nayak	
Designation	Lecturer	
Department	Civil Engg.	
Educational Qualification	B-Tech	
Unique ID		
Date of Birth	02-10-1997	
Teaching Experience	2yrs	
Courses Taught	DIPLOMA	
Projects carried out	02	
Area of Specialization	Civil Engg.	
Teaching Subjects	Geotechnical Engg., Irrigation Engineering	

DEPARTMENT OF ELECTRICAL ENGINEERING

Name of the Faculty	Er. Satish Ranjan Dhar	
Designation	HOD	
Department	Electrical Engg.	
Educational Qualification	M-Tech	
Unique ID	1-1577192193	
Date of Birth	23-05-1990	
Teaching Experience	9yrs	
Courses Taught	DIPLOMA	
Projects carried out	09	
Area of Specialization	Electrical Engg.	
Teaching Subjects	Energy Conversion-I & II, Basic Electrical Engineering, Generation Transmission & Distribution	

Name of the Faculty	Er. Utkal Keshari Rout	
Designation	Lecturer	
Department	Electrical Engg.	
Educational Qualification	B-Tech	
Unique ID	1-2736589643	
Date of Birth	17-06-1986	
Teaching Experience	7yrs	
Courses Taught	DIPLOMA	
Projects carried out	04	
Area of Specialization	Electrical Engg.	
Teaching Subjects	Electrical Installation & Estimating, Engineering Drawing, Electrical Engg. Materials	

Name of the Faculty	Er, Archana Parida	
Designation	Lecturer	
Department	Electrical Engg.	
Educational Qualification	B-Tech	
Unique ID	1-43383775395	
Date of Birth	23-05-1997	
Teaching Experience	03yrs	
Courses Taught	DIPLOMA	
Projects carried out	01	
Area of Specialization	Electrical Engg.	
Teaching Subjects	Power Electronics, Circuit & Network Theory, Electrical Machine	

Name of the Faculty	Er.Krushna P. Samantara
Designation	Lecturer
Department	Electrical Engg.
Educational Qualification	B-Tech
Unique ID	1-7478633498
Date of Birth	07-06-1996
Teaching Experience	2yrs
Courses Taught	DIPLOMA
Projects carried out	01
Area of Specialization	Electrical Engg.
Teaching Subjects	Switch Gear & Protection Device, Energy Conversion - I




Name of the Faculty	Er. Satyakam Mohapatra
Designation	Lecturer
Department	Electrical Engg.
Educational Qualification	B-Tech
Unique ID	1-511365449
Date of Birth	15-02-1998
Teaching Experience	8yrs
Courses Taught	DIPLOMA
Projects carried out	05
Area of Specialization	Electrical Engg.
Teaching Subjects	Utilization of Electric Energy & Traction, Power Electronics & Drive, Environmental Studies





Name of the Faculty	Er. Prabin Kumar Sahoo
Designation	Lecturer
Department	Electrical Engg.
Educational Qualification	B-Tech
Unique ID	1-3643874290
Date of Birth	15-07-1990
Teaching Experience	4yrs
Courses Taught	DIPLOMA
Projects carried out	02
Area of Specialization	Electrical Engg.
Teaching Subjects	Basic Electrical, Utilization of Electric Energy & Traction, Switch Gear & Protection Device




Name of the Faculty	Er. Kishore Kumar Sethi	
Designation	Lecturer	
Department	Electrical Engg.	
Educational Qualification	B-Tech	
Unique ID	1-3647809770	
Date of Birth	05-10-1985	
Teaching Experience	4yrs	
Courses Taught	DIPLOMA	
Projects carried out	02	
Area of Specialization	Electrical Engg.	
Teaching Subjects	Circuit Theory, Digital Electronics & Microprocessor, Analog Electronics & OPAMP	


DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING


Name of the Faculty	Prof. Nirmala Nanda Dhal	
Designation	HOD	
Department	E.T.C Engg.	
Educational Qualification	B-Tech	
Unique ID	1-43387530109	
Date of Birth	07-06-1983	
Teaching Experience	15yrs	
Courses Taught	DIPLOMA	
Projects carried out	07	
Area of Specialization	E.T.C Engg.	
Teaching Subjects	Basic Electronics, VLSI, Microprocessor & Micro Controller, Electronics Measurement	

Name of the Faculty	Er. Pratikshya Samantaray	
Designation	Lecturer	
Department	E.T.C Engg.	
Educational Qualification	B-Tech	
Unique ID	1-3644908772	
Date of Birth	22-10-1994	
Teaching Experience	4yrs	
Courses Taught	DIPLOMA	
Projects carried out	01	
Area of Specialization	E.T.C Engg.	
Teaching Subjects	Analog Electronics, Circuit & Network Theory, Data Comm.	

DEPARTMENT OF MECHANICAL ENGINEERING

Name of the Faculty	Er. Sangram Keshari Padhi	
Designation	HOD	
Department	Mechanical Engg.	
Educational Qualification	B-Tech	
Unique ID	1-3643874281	
Date of Birth	03-05-1992	
Teaching Experience	6yrs	
Courses Taught	DIPLOMA	
Projects carried out	03	
Area of Specialization	Mechanical Engg.	
Teaching Subjects	FMHM, Thermodynamics, Industrial Engg. & Quality Control	

Name of the Faculty	Er. Sabyasachi Padhi	
Designation	Lecturer	
Department	Mechanical Engg.	
Educational Qualification	B-Tech	
Unique ID	1-7478632850	
Date of Birth	08-09-1994	
Teaching Experience	3yrs	
Courses Taught	DIPLOMA	
Projects carried out	01	
Area of Specialization	Mechanical Engg.	
Teaching Subjects	Automobile Engg, Theory of Machine, Mechatronics	

Name of the Faculty	Er. Prabir Kumar Pradhan	
Designation	Lecturer	
Department	Mechanical Engg.	
Educational Qualification	B-Tech	
Unique ID	1-3857904736	
Date of Birth	09-07-1992	
Teaching Experience	6yrs	
Courses Taught	DIPLOMA	
Projects carried out	03	
Area of Specialization	Mechanical Engg.	
Teaching Subjects	Mechanics, Adv. Manufacturing Process, CAD/CAM	

Name of the Faculty	Er. Gitanjali Mohanty
Designation	Lecturer
Department	Mechanical Engg.
Educational Qualification	B-Tech
Unique ID	1-7478632844
Date of Birth	07-07-1984
Teaching Experience	6yrs
Courses Taught	DIPLOMA
Projects carried out	02
Area of Specialization	Mechanical Engg.
Teaching Subjects	Adv. Manufacturing Process, Strength of Materials, Production Technology




Name of the Faculty	Er. Marshal Marandi
Designation	Lecturer
Department	Mechanical Engg.
Educational Qualification	B-Tech
Unique ID	
Date of Birth	05-05-1993
Teaching Experience	1yrs
Courses Taught	DIPLOMA
Projects carried out	02
Area of Specialization	Mechanical Engg.
Teaching Subjects	Workshop Technology, Design of Machine Elements, RAC





DEPARTMENT OF BASIC SCIENCE


Name of the Faculty	Miss. Nibedita Giri
Designation	HOD
Department	Basic Sc. Dept.
Educational Qualification	M.A (English)
Unique ID	1-7478495170
Date of Birth	21-03-1995
Teaching Experience	4yrs
Courses Taught	DIPLOMA
Projects carried out	
Area of Specialization	Basic Sc.
Teaching Subjects	Comm. English, English language lab



Name of the Faculty	Mr. Ratikant Rout	
Designation	Lecturer	
Department	Basic Sc. Dept.	
Educational Qualification	M.Sc	
Unique ID	1-43379465381	
Date of Birth		
Teaching Experience	2yrs	
Courses Taught	DIPLOMA	
Projects carried out	01	
Area of Specialization	Basic Sc.	
Teaching Subjects	Chemistry	

Name of the Faculty	Miss. Priyambika Sahoo	
Designation	Lecturer	
Department	Basic Sc. Dept.	
Educational Qualification	B-Tech	
Unique ID	1-2707575336	
Date of Birth	11-05-1994	
Teaching Experience	4yrs	
Courses Taught	DIPLOMA	
Projects carried out	01	
Area of Specialization	Basic Sc.	
Teaching Subjects	Computer Application	

Name of the Faculty	Mrs. Prajna Sundaray	
Designation	Lecturer	
Department	Basic Sc. Dept.	
Educational Qualification	B-Tech	
Unique ID	1-4831827006	
Date of Birth	01-06-1990	
Teaching Experience	4yrs	
Courses Taught	DIPLOMA	
Projects carried out	01	
Area of Specialization	Basic Sc.	
Teaching Subjects	Computer Application	

Name of the Faculty	Miss. Padmini Dharua	
Designation	Lecturer	
Department	Basic Sc. Dept.	
Educational Qualification	M. Sc.	
Unique ID	1-9523194701	
Date of Birth	24-03-1997	
Teaching Experience	01yrs	
Courses Taught	DIPLOMA	
Projects carried out		
Area of Specialization	Basic Sc.	
Teaching Subjects	Physics.	

BRANCH	ADMISSION YEAR 2020-21									
	NO. OF STUDENTS ENROLLED									
	GENERAL		SC		ST		OBC		TOTAL	
	TOTAL	GIRLS	TOTAL	GIRLS	TOTAL	GIRLS	TOTAL	GIRLS	TOTAL	GIRLS
CIVIL	10	02	34	09	09	03	0	0	53	15
ELECTRICAL	28	04	20	02	06	00	00	00	57	04
ETC	00	00	12	06	16	04	00	00	28	04
MECHANICAL	26	00	23	00	07	00	00	00	56	00

ADMISSION YEAR 2021-22										
BRANCH	NO. OF STUDENTS ENROLLED									
	GENERAL		SC		ST		OBC		TOTAL	
	TOTAL	GIRLS	TOTAL	GIRLS	TOTAL	GIRLS	TOTAL	GIRLS	TOTAL	GIRLS
CIVIL	15	03	26	15	20	13	00	00	61	31
ELECTRICAL	31	02	43	04	51	02	00	00	125	08
ETC	01	00	13	06	16	09	00	00	30	15
MECHANICAL	30	00	20	00	09	00	00	00	59	00

25) INFRASTRUCTURE & OTHER RESOURCES AVAILABLE

Number of Class Rooms	10	Size of each	66 Sq. mt.
Number of Tutorial Rooms	3	Size of each	33 Sq. mt.
No. of Laboratories	21		
No. of Drawing Halls	1	Size	132 Sq. mt.
No. of Computer Centre	1	Size	153.3 Sq. mt.
Language Lab	1	Size	66 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	1120	No. of Library Books Volumes	7169
No. of Journals available	12		
E-Library facilities			
No. of Library e-Books Titles	138	No. of Library e-Books Volumes	154

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	125	Configurations of each system	32-bit OS, Core i3, 3 GB RAM, 1TB HD
Total no. of Systems connected by LAN	125		
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, CAD/CAM		
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 Skills Development Facilities	Language Laboratory available, Seminars conducted in regular intervals		

26) 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.*
- ✓ *Internal Examinations for each Semester is conducted frequently as per the Guidelines of SCTE&VT, Odisha.*

27) EQUIPMENT DETAILS

DEPARTMENT OF ELECTRICAL ENGINEERING

- **EQUIPMENT LIST OF ELECTRICAL WORKS PRACTICE**

SINGLE CORE, TWIN CORE, THREE CORE, FOUR CORE COPPER AND ALUMINUM PVC, VIR, AND WEATHERPROOF WIRE	SINGLE CORE, TWIN CORE, THREE CORE, FOUR CORE COPPER AND ALUMINUM PVC, VIR, AND WEATHERPROOF WIRE
COPPER AND ALUMINIUM CABLE ,CRIMPING LUG	DC MOTOR WITH STARTER
FLUORESCENT TUBE LIGHT	AC MOTOR WITH STARTER
HIGH PRESSURE M.V LAMP 5. SODIUM VAPOUR LAMP	L.T AND H.T ALUMINUM CABLE
M.H LAMP	CRIMPING TOOLS AND LUG
CFL	SINGLE PHASE INDUCTION MOTOR
BATTERY CHARGER AND LEAD ACID BATTERY	THREE PHASE SQUIRREL CAGE INDUCTION MOTOR
SINGLE PHASE MOTOR(FAN)	PHASE WOUND MOTOR
DC GENERATOR	SINGLE PHASE/ THREE PHASE VARIAC

- **Equipment List ANALOG ELECTRONICS LAB**

BREADBOARD	CRO WITH PROBES 1 1 STEP DOWN TRANSFORMER
REGULATED POWER SUPPLY	ZENER DIODE
DIGITAL MULTIMETER	FUNCTION GENERATOR
JFET CHARACTERISTICS TRAINER KIT	CLASS A,CLASS B,CLASS C TUNED AMPLIFIER TRAINER
RECTIFIER TRAINER WITH FILTER	OSCILLATOR TRAINER KIT(HEARTLY OSICALLTOR, COLL-PITS OSCILLATOR. WEIN BRIDGE OSCILLATOR, RC PHASE SHIFT OSCILLATOR)
VOLTAGE REGULATOR TRAINER KIT USING ZENER DIODE	TRANSISTOR CONFIGURATION TRAINER KIT
BJT BIASING TRAINER (FIXED BIAS, EMITTER BIAS, VOLTAGE DIVIDER BIAS, COLLECTOR FEEDBACK BIAS)	PUSH PULL AMPLIFIER TRAINER
CE AMPLIFIER TRAINER	OPAMP TRAINER KIT FOR DIFFERENTIATION AND INTEGRATION
RC COUPLE AMPLIFIER TRAINER	CRO WITH PROBES 1 1 STEP DOWN TRANSFORMER
MERGGER	MULTIVIBRATOR TRAINER KIT(ASTABLE,BISTABLE,MONOSTABLE)

• **ELECTRICAL MACHINE LAB-I**

DC SHUNT MOTOR COUPLED WITH A DC SHUNT GENERATOR (MG SET)	LAMP LOAD BOX
DC SERIES MOTOR	3 POINT STARTER
DC SHUNT MOTOR	4 POINT STARTER
DC COMPOUND MOTOR	1PH VARIAC
1- PHASE TRANSFORMER	SPRING WEIGHT
MULTIMETER	STAR DELTA STARTER
MEGGER 8 VOLTMETER	3PHASE INDUCTION MOTOR -SHUNT GENERATOR SET
AMMETER	DRUM CONTROL
WATTMETER	INDUCTIVE LOAD(VARIABLE)
TACHOMETER	CAPACITIVE LOAD
P.F METER	2 POINT STARTER
VARIABLE RESISTANCE	OHM METRE
RESISTIVE LOAD BOX	CLAMP METER

• **Equipment List**

• 1. 3-phase Squirrel Cage Induction Motor	• AC Voltmeter
• 2. 3-phase Slip Ring Induction Motor	• 18. AC Ammeter
• 3. DC Shunt Motor coupled with Alternator set with Synchronization panel of Two Alternators	• 19. 3-Phase Resistive Load Box
• 4. 1-phase Capacitor Start Capacitor Run Motor	• 20. 3-Phase Energy meter
• 5. 3-phase Transformer 6. 3-phase wattmeter	• 21. Demonstrational model of Oil Circuit Breaker
• 7. 1-phase wattmeter 8. 3-Phase Variac	• 22. Reverse Current Relay kit
• 9. DOL starter	• 23. Demonstrational model of Buchholz's Relay Trainer Kit
• 10. Star-Delta Starter	• 24. Earth fault relay test kit
• 11. Rotor Resistance starter	• 25. Power Electronics trainer kit to perform (a) switching characteristics of a power transistor (b) V-I characteristics of SCR, TRIAC, DIAC (c) Drive circuit for SCR & TRIAC using DIAC & UJT (d) phase controlled bridge rectifier using resistive load (e) series Inverter (f) voltage source Inverter (g) speed control of DC motor using Chopper (h) single-phase Cyclo-converter
• 12. Auto Transformer Starter	• 26. 8085 microprocessor trainer kit

<ul style="list-style-type: none"> • 13. 3-Point Starter 	<ul style="list-style-type: none"> • 27. Traffic Light controller interfacing module • 28. Digital electronics trainer kit
<ul style="list-style-type: none"> • 14. Field Regulator 	<ul style="list-style-type: none"> • 29. PLC trainer kit
<ul style="list-style-type: none"> • 15. DC Voltmeter 	<ul style="list-style-type: none"> • 30. 1 ph CSIR Motor
<ul style="list-style-type: none"> • 16. DC Ammeter 	<ul style="list-style-type: none"> • 31. 1 ph Universal Motor
<ul style="list-style-type: none"> • 3 ph Rectifier Unit 	<ul style="list-style-type: none"> • 32. 1 ph Repulsion Motor
<ul style="list-style-type: none"> • DC SHUNT MOTOR coupled with a DC SHUNT GENERATOR (MG SET) 	<ul style="list-style-type: none"> • AC Voltmeter
<ul style="list-style-type: none"> • DC SERIES MOTOR 	<ul style="list-style-type: none"> • 18. AC Ammeter
<ul style="list-style-type: none"> • DC SHUNT MOTOR 	<ul style="list-style-type: none"> • MEGGER
<ul style="list-style-type: none"> • DC COMPOUND MOTOR 	<ul style="list-style-type: none"> • VOLTMETER [MI type 0-30, 0-300, 0-150-300-600 V], [MC type 0-50, 0-100, 0-150, 0-300, 0-600, 0-75-150 V]
<ul style="list-style-type: none"> • 1- PHASE TRANSFORMER 	<ul style="list-style-type: none"> • AMMETER [MI type 0-100mA, 0-2.5, 0-5, 0-5-10A] [MC type 0-100ma, 0-500 ma,0-1, 0-2.5, 0-3, 0-5A]
<ul style="list-style-type: none"> • MULTIMETER 	<ul style="list-style-type: none"> • WATTMETER [LPF-150W, 300W, 600W], [UPF 700W, 1400W]
<ul style="list-style-type: none"> • VARIABLE RESISTANCE (100Ω,5Amp) 	<ul style="list-style-type: none"> • TACHOMETER [ANALOG & DIGITAL 0-10,000 rpm]
<ul style="list-style-type: none"> • VARIABLE RESISTANCE (150Ω,5Amp) 	<ul style="list-style-type: none"> • P.F METER [5A
<ul style="list-style-type: none"> • VARIABLE RESISTANCE (600Ω,1.2 Amp) 	<ul style="list-style-type: none"> • VARIABLE RESISTANCE (50Ω
<ul style="list-style-type: none"> • VARIABLE RESISTANCE (20Ω,5Amp) 	<ul style="list-style-type: none"> • NOSE PLIER
<ul style="list-style-type: none"> • RESISTIVE LOAD BOX (1.2KW) 	<ul style="list-style-type: none"> • WIRE GAUGE
<ul style="list-style-type: none"> • LAMP LOAD BOX (1.2 KW) 	<ul style="list-style-type: none"> • WIRE STRIPPER
<ul style="list-style-type: none"> • STARTER (3 point) 	<ul style="list-style-type: none"> • NEON TESTER(240V)
<ul style="list-style-type: none"> • STARTER (4 point) 	<ul style="list-style-type: none"> • MEASURINGTAPE(30M)
<ul style="list-style-type: none"> • BALL PIN HAMMER 	<ul style="list-style-type: none"> • SCREW DRIVER(10 INCH)
<ul style="list-style-type: none"> • MALLET HAMMER 	<ul style="list-style-type: none"> • SCREW DRIVER(5 INCH)
<ul style="list-style-type: none"> • COMBINATION PLIER 	<ul style="list-style-type: none"> • Combination plier
<ul style="list-style-type: none"> • ELECTRICIAN KNIFE 	<ul style="list-style-type: none"> • Nose plier
<ul style="list-style-type: none"> • WIRE CUTTER 	<ul style="list-style-type: none"> • Wire gauge
<ul style="list-style-type: none"> • PVC TAPE 	<ul style="list-style-type: none"> • Wire stripper
<ul style="list-style-type: none"> • Fuse(240v,5 amp) 	<ul style="list-style-type: none"> • Incandsecent lamp(180w,230v)
<ul style="list-style-type: none"> • Fuse(240v,15 amp) 	<ul style="list-style-type: none"> • Flourescent tube(40w,230v)
<ul style="list-style-type: none"> • One way switch(240v,5Amp) 	<ul style="list-style-type: none"> • Choke(230v)
<ul style="list-style-type: none"> • One way switch(240v,15Amp) 	<ul style="list-style-type: none"> • Pcv board(2×4)
<ul style="list-style-type: none"> • Starter 	<ul style="list-style-type: none"> • Pcv board(4×6)

• Tubelight stand	• Pcv board(6×6)
• Lamp holder	• Pcv board(4×10)
• Sodium vapour lamp set	• Pcv board(6×8)
• Mercury vapour lamp	• Junction box
• lcdp switch(230v,5 amp)	• PVC CONDUIT PIPE(20m)
• lctp switch(400v,15 amp)	• BATTENT(1.5 inch,10 m)
• Pcv board(2×2)	• CAPACITOR(3μf,230V)
• CASING CAPPING(20m)	• CEILING FAN
• 5Pin Socket(230v,5Amp)	• PEDESTAL FAN
• 5Pin Socket(230v,15Amp)	• BATTERY CHARGER [0-12-24 V]
• Extention Chord(30m)	• BANDPASS FILTER
• FAN REGULATOR	• LOW PASS FILTER
• BEARING PULLER	• HIGH PASS FILTER
• CAPACITOR(2.5μf,230V)	• BAND ELIMINATION FILTER
• CONSTANT K TYPE BANDPASS FILTER	• SPANNER SET
• CRO	• SOLDERING IRON WITH FLUX & SOLDER
• FUNCTION GENERATOR	• 14 SWG G.I. WIRE
• NETWORK THEOREM KIT	• 7- STRANDED COPPER WIRE
• PARALLEL RESONANCE TRAINER KIT	• BENCH VICE
• RC CIRCUIT AND TIME CONSTANT KIT	• SERIES TESTING BOARD
• SERIES RESONANCE TRAINER KIT	• SCREW DRIVER SET

DEPARTMENT OF MECHANICAL ENGINEERING

• EQUIPMENT LIST OF AUTOMOBILE ENGG. LAB

- ✓ CHASSIS OF A CAR
- ✓ DIFFERENTIAL OF A TRACTOR
- ✓ HYDRAULIC BRAKE SYSTEM OF A CAR WORKING MODEL
- ✓ SOLEX CARBURETOR
- ✓ MARUTI CAR TYPE CARBURETOR
- ✓ CUT SECTION OF A FUEL PUMP
- ✓ NEW CAR ENGINE
- ✓ GEAR BOX

• EQUIPMENT LIST OF POWER STATION ENGINEERING LAB

- ✓ STAINLESS STEEL STEAM TURBINE TEST RIG 01KW 3000RPM
- ✓ COOLING TOWER APPARATUS OR MODEL
- ✓ JET CONDENSER APPARATUS OR MODEL

- ✓ DE L'AVEL TURBINE
- ✓ SPRING LOADED SAFETY VALVE
- ✓ LANCASHIRE BOILER MODEL
- ✓ BABCOCK AND WILCOX BOILER MODEL
- ✓ CORNISH BOILER MODEL
- ✓ VERTICAL WATER STEAM BOILER MODEL

- **EQUIPMENT LIST OF REFRIGERATION & AIR CONDITIONING LAB**

- ✓ DOMESTIC REFRIGERATOR TEST RIG
- ✓ WATER COOLER TEST RIG
- ✓ WINDOW AIR CONDITIONER TEST RIG
- ✓ SPLIT AIR CONDITIONER TEST RIG
- ✓ VACUUM PUMP SET WITH ACCESSORIES
- ✓ CHARGING CYLINDER WITH ACCESSORIES
- ✓ HALIDE TORCH OR ANY LEAK TESTER
- ✓ VAPOUR ABSORPTION TEST RIG

- **EQUIPMENT LIST OF HYDRAULIC MACHINE & INDUSTRIAL LAB**

- ✓ IMPULSE TURBINE (PELTON WHEEL) TEST RIG WITH ARRANGEMENTS TO FIND EFFICIENCY
- ✓ KAPLAN TURBINE TEST RIG WITH ARRANGEMENTS TO FIND EFFICIENCY
- ✓ FRANCIS TURBINE TEST RIG WITH ARRANGEMENTS TO FIND EFFICIENCY
- ✓ CENTRIFUGAL PUMP TEST RIG WITH ARRANGEMENTS TO FIND EFFICIENCY
- ✓ PNEUMATIC TRAINER KIT WITH ACCESSORIES
- ✓ HYDRAULIC TRAINER KIT WITH ACCESSORIES
- ✓ MANUAL OR DIGITAL TACHOMETER

- **EQUIPMENT LIST OF CAD/CAM LAB**

- ✓ DESKTOP COMPUTER with UPS
- ✓ AUTOCAD SOFTWARE 2D/3D
- ✓ CNC TURNING MACHINE
- ✓ CNC MILLING MACHINE
- ✓ PRINTER

- **EQUIPMENT LIST OF THEORY OF MACHINE & MEASUREMENT LAB**

- ✓ GOVERNOR APPARATUS
- ✓ STATIC AND DYNAMIC APPARATUS
- ✓ JOURNAL BEARING APPARATUS
- ✓ CAM ANALYSIS APPARATUS
- ✓ EPICYCLIC GEAR TRAIN
- ✓ VERNIER CALLIPER
- ✓ MICROMETER
- ✓ VERNIER HEIGHT GAUGE
- ✓ SLIP GAUGE
- ✓ SINE BAR

- **EQUIPMENT LIST OF THEORY OF MECHANICAL ENGG. LAB**

- ✓ MODEL OF 2 STROKE PETROL ENGINE
- ✓ MODEL OF 4 STROKE PETROL ENGINE
- ✓ MODEL OF 2 STROKE DIESEL ENGINES
- ✓ MODEL OF 4 STROKE DIESEL ENGINES
- ✓ SINGLE CYLINDER PETROL ENGINE TEST RIG
- ✓ SINGLE CYLINDER DIESEL ENGINE TEST RIG
- ✓ MORSE TEST APPARATUS
- ✓ 2 STAGE AIR COMPRESSOR TEST RIG
- ✓ PRESSURE MEASURING DEVICES (BOURDON TUBE PRESSURE GAUGE, MANOMETER)
- ✓ BERNOULLI'S APPARATUS
- ✓ VENTURIMETER APPARATUS
- ✓ ORIFICEMETER APPARATUS
- ✓ FLOW THROUGH PIPE APPARATUS
- ✓ PARALLEL FORCE APPARATUS
- ✓ SEARLE'S APPARATUS
- ✓ TORSION TESTING MACHINE
- ✓ DIGITAL UNIVERSAL TESTING MACHINE
- ✓ HARDNESS TESTING MACHINE
- ✓ IMPACT TESTING MACHINE
- ✓ FLASH POINT AND FIRE POINT APPARATUS
- ✓ JOULES APPARATUS

- **EQUIPMENT LIST OF THEORY OF MECHANICAL ENGG. WORKSHOP**

1. RADIAL DRILL MACHINE	2. VERNIER HEIGHT GAUGE
3. ALL GEAR LATHE	4. HACKSAW (FIXED FRAME)
5. CAPSTAN LATHE	6. ROUND FILE
7. CNC LATHE TRAINER	8. SINGLE CUT FILE
9. BENCH VICE	10. DOUBLE CUT FILE
11. PIPE VICE	12. BALL PEAN HAMMER
13. TRY SQUIRE	14. TAP WRENCH
15. SCRIBER & SURFACE GAUGE	16. HAND DRILLING M/C
17. DOT PUNCH	18. PORTABLE GRINDER
19. CENTRE PUNCH	20. STEEL RULE (SCALE) 1 Meter
21. SURFACE PLATE	22. SCRIBER
23. ANGLE PLATE	24. MARKING GAUGE
25. STEEL RULE	26. MORTISE GAUGE
27. VERNIER CALLIPERS	28. TRY SQUIRE
29. MICROMETRE	30. DIVIDERS

31. DIVIDERS	32. RIP SAW
33. OUTSIDE CALLIPERS	34. COPING SAW
35. INSIDE CALLIPERS	36. FIRMAR CHIESEL
37. FEELER GAUGE	38. GAUGE CHIESEL
39. RADIAL DRILL MACHINE	40. IRON JACK PLANE
41. TRYING PLANE	42. POKER
43. RASP	44. ANVIL
45. HAND DRILL	46. SCEDGE HAMMER
47. GIMLET DRILL	48. PICK UP TONG
49. CLAMPING VICE	50. CHIESEL TONG
51. C-CLAMP	52. CLOSE FLAT TONG
53. CROSS PEAN HAMMER	54. PINUR TONG
55. CLAW HAMMER	56. HOT CHIESEL
57. MALLET	58. COLD CHIESEL
59. WOOD WORKING LATHE	60. DRIFT
61. CIRCULAR SAW	62. SWAGE BLOCK
63. FURNACE OF HEARTH (WITH CENTRE BLOWER)	64. BALL PEAN HAMMER
65. SHOWEL	66. CROSS PEAN HAMMER
67. TRYING PLANE	68. POKER
69. RASP	70. ANVIL
71. AC WELDING TRANSFORMER SET	72. PRESSURE GAUSES
73. CHIPPING BRUSH	74. PRESSURE REGULATOR
75. WIRE BRUSH	76. WELDING TORCH
77. ARC SHIELD (EYE PROTECTOR)	78. GOGGLES
79. MIG / TIG WELDING MACHINE	80. HOSE PIPES
81. OXYGEN CYLINDER	82. ACETYLENE CYLINDER

DEPARTMENT OF CIVIL ENGINEERING

• **EQUIPMENT LIST OF SURVEY PRACTICE**

- ✓ Metallic Tape(15m,30m) in leather/fiber case and winding device as per BIS1492:1970
- ✓ Steel Tape(3m,5m,15m & 30m) made of steel ribbon in leather/fiber case and winding device as per BIS1492:1970
- ✓ Invar Tape(15m,30m) made of invar steel in leather/ fiber case and winding device as per BIS1492:1970

- ✓ Cross Staff(Open type metallic)100X100X150 mm iron leg painted at bottom,1.5m length
- ✓ Ranging Rods(Iron) 2 & 3m length made of conduits of 30mm dia painted with white and black/red with iron shoes as per BIS2283:1983
- ✓ Hammer
- ✓ Prismatic Compass(150mm dia.) made of brass or gun metal Circles: Aluminum graduated every 30 minutes, Reading Agate stone bearing with help of prism glasses & reflecting mirror packed in fiber case with sighting vane and rigid stand and ball socket arrangement
- ✓ 9 Plane Table Surveying Plane Table consisting of Drawing Board 75cmX60cmX2cm made of seasoned pine wood/fire wood and braced with teak wood battens fitted with brass screws and washers in slots complete with metallic disc of 160 mm dia at base and confirming to BIS2539:1963;accessories comprising of magnetic trough compass confirming to BIS1764:1961,spirit level 15 cm long, plumb bob , 28cm long brass Ufork, alidade 45 cm long made of brass, one sided beveled edged wooden stand with metallic head and shoes.
- ✓ Telescopic Alidade size 175mm Internal focusing vertical circle graduated to read 30min with vernier, extendable base plate to 375mm and half degree divided giving angle of elevation and depression spirit level mounted on top telescope, telescope fitted with stadia diaphragm, vertical circle, to be supplied in teak wood box fully protected from dust
- ✓ 11 Automatic Level (as per BIS:4590) Telescope: Apperture of objective 45mm Field view1020' Magnification 32X Stadia Ratio 1:100 Addition Constant 0(zero) Minimum Focusing Distance1.5mm Range250meters Circular level with sensitivity per 2mm run10' mounted on sides of the telescope Accessories: Maintenance tools Leveling : Speedy Leveling by ball and socket arrangement. Tilting screw for final leveling Teak wood box, Tripod stand made of seasoned timber rigid with metal shoes
- ✓ Leveling Staff: Aluminium-4 meter long in telescopic accurately painted in red and black on white background as per BIS 1779 and push type automatic locking system in canvas cover. Least Count- 0.005m /.001m

• **EQUIPMENT LIST OF CAD LAB**

- ✓ STAAD-Pro -V8i software
- ✓ AutoCAD-2016
- ✓ Desk Top Computer with following latest version configuration : Processor: Intel Core i7 or higher version, CPU@2.3GHz or higher, Ram: 4GB or higher, MS Windows 64 bit operating system with 64 based processor etc.
- ✓ Laser Printer- Resolution in dpi: Mono 600x600, Paper size:A4, Print speed in ppm(A4 size):14, port:1 or higher configuration
- ✓ Scanner A4/Legal size
- ✓ Plotter(44") with accessories in complete set

• **EQUIPMENT LIST OF CIVIL ENGG. LAB**

1) Universal Tensile Testing Machine	2) Shovels or Scoops or Both
3) Hot Air Oven	4) Sampling Container
5) Is silve (90 um) With Lid	6) Specific Gravity Flask For Fine Aggregate
7) Weighing Balance	8) Specific gravity Flask For Larger Aggregate

9) Spatula	10) Pycnometer
11) Vicat Apparatus	12) Well-Ventilated Oven
13) Weighing Balance	14) Tamping Rod
15) Measuring Cylinder	16) Filter Papers
17) Gauging Trowel	18) Funnels
19) Glass Plate	20) Steel Rule
21) Stop Watch	22) Measuring Cylinder
23) Le- chatelier Apparatus	24) Container
25) Water Bath	26) A Wire Basket of not more than 6-3 mm mesh
27) Caliper	28) A Water Light Container
29) Measuring Cylinder	30) Well Ventilated Oven
31) Weighing Balance	32) Tamping Rod
33) Glass Sheet	34) An Air Tight Container
35) Enamel Tray	36) Sives Of 80mm, 40mm, 20mm, 10mm, 4.75mm
37) Trowel	38) Balance
39) Vibration Machine	40) Gauging Trowel
41) Poking Rod	42) Stop Watch
43) Cube Mould Of 70.6 mm Size	44) Metal Gauge
45) Weighing Trowel	46) Weighing Balance
47) Stop Watch	48) Gauging Trowel
49) Graduated Glass Cylinder	50) Stop Watch
51) Compression Testing machine	52) A 15cm Diameter Open-ended Steel Cylinder
53) Compression Testing Machine	54) Tamping Rod
55) Compression Plate	56) Weighing Balance
57) Measuring Scale	58) Is Sives of sizes 12.5, 10 and 2.36mm
59) Sieves Of Different Sizes (80 mm, 63, 50 mm, 40mm etc.)	60) Cylinder Metal Measure
61) Los- Angeles Abrasion test Machine	62) Tamping Rod
63) Oven	64) Weighing Balance
65) Weighing Balance	66) Oven
67) Is Sives (1.7-80 mm)	68) Is sieve of 80mm, 50mm, 31.5mm,25mm, 20mm, 16mm, 10mm, 8mm
69) Metallic Tray	70) Drying Oven
71) Impact Testing Machine	72) Container

73) A Cylinder Testing Machine	74) Weighing Balance
75) A Cylindrical Steel cup	76) Gauging Trowel
77) A Metal Hammer Weighing 13.5 kg to 14.0kg	78) Stop Watch
79) Is Sieves (12.5, 10 and 2.36 mm)	80) 150 mm Cube Moulds
81) Electronic Weighing Balance	82) Measuring Scale
83) G.I. Sheet	84) Tamping Rod
85) Compression testing Machine	86) Trowel
87) Vibrating Needle	88) Hand scoop (15.2 cm long)
89) Mould (For Slump Cone Test)	90) Steel Rod
91) Non-Porous Base plate	92) Weighing Balance Schmidl- Rebound Hammer
93) Rock Samples	94) Abrasion Stone
95) Calibration Anvil	96) Concrete Ultrasonic Testing Equipment
97) Steel Base	

- **EQUIPMENT LIST OF PUBLIC HEALTH LAB**

- ✓ W.H.O. Nephelometric Turbidity Meter
- ✓ Test Tubes
- ✓ Thermometer
- ✓ Glass Stirring Rod
- ✓ Sacade
- ✓ Burette
- ✓ Pipette
- ✓ PH Meter
- ✓ Nephelometer
- ✓ Jartest Apparatus
- ✓ Glass Breaker
- ✓ Pipette
- ✓ PH Meter
- ✓ Nephelometer
- ✓ Bottle
- ✓ Burette
- ✓ Pipette
- ✓ B.O.D Bottle 300ml Capacity
- ✓ B.O.D. Incubator
- ✓ Air Compressor
- ✓ Measuring Cylinder
- ✓ Burette
- ✓ Pipette

- **EQUIPMENT FOR Transportation Laboratory**

- ✓ Container
- ✓ Needle
- ✓ Penetration Apparates
- ✓ Thermometer
- ✓ Time Measuring Device
- ✓ B Niquethe Mould
- ✓ Ductility Machine With Water both a Pulling Device (35,000)
- ✓ Thermometer
- ✓ A Putty Knife
- ✓ Viscosity Testing Equipment
- ✓ Centrifuge
- ✓ Balance of Capac
- ✓ Oven

• **EQUIPMENT LIST OF HYDAULICS LAB**

1) F1-F10 Hydraulics Bench	2) Stop Watch
3) F1-F15 Bernoullis Apparatus Equipment	4) Thermometer
5) Stop Watch	6) Expansion Measuring Apparatus
7) Rectangular Notch	8) Tri- axial Test cell
9) Collecting tank Constant Head Tank	10) Loading Frame
11) Stop Watch	12) Trimming Knife
13) Ventrurimeter	14) Scale & Vernier Callipers
15) Orisicemeter	16) Dial Gauge
17) F1-F10 Hydraulics Bench	18) Piano Wire Saw
19) F1-F18 Pipe Friction Apparatus	20) Metal Straight Edge
21) Volume Change Baretter	22) Tamper
23) Air Compressor	24) Balance
25) Seamless Rubber Membrance	26) Scoop
27) Membrane Stretcher	28) Graduated cylinders
29) Rubber Rings	30) Stop Watch
31) Permeameter	32) Thermometer

DEPARTMENT OF ETC ENGINEERING

BASIC ELECTRONICS LAB

ANALOG METER	R-C COUPLED AMP
DIGITAL MULTIMETER	TRANSISTERISED POWER SUPPLY
VARIABLE POWER SUPPLY 0-32V	DIGITAL PANEL METERS (AMMETER)
COMPONENT DEVELOPMENT SYSTEM	HARTLEY OSCILLATOR
DUAL -TRACE CRO	COLOUR TV RECEIVER
REGULATED POWER SUPPLY	PUBLIC ADDRESS SYSTEM
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
SUBTRACTOR	ASTABLE MULTIVIBRATOR
DIFFERENTIAL AMP.	MONOSTABLE MUTIVIBRATOR
CHARACTERISTICS OF TRANSISTOR	IC REGULATED POWER SUPPLY
VARIABLE REGULATED POWER SUPPLY	DIGITAL PANEL AMMETER DECADE RESISTANCE METER
TRANSISTOR BLASSING METHOD	CLIPPING & CLAMPING CIRCUIT
DIGITAL PANEL VOLTMETER	ASTABLE MV
BISTABLE MV	MONOSTABLE 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
<u>DIGITAL ELECTRONICS LAB.</u>	
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
<u>RADIO & TV LAB</u>	
SUPER HETERODYNE RECEIVER	MULTICHANNEL SWEEP GENERATOR
TV TRAINER KIT (B&W AND COLOR)	110MHZ AM/FM SIGNAL GENERATOR
ANTENNA TRAINER KIT WITH SATELLITE RECEIVER	TV TRAINER KIT
10HZ-150MHZ FREQ. GENERATOR	DIGITAL MULTI-METER
<u>COMMUNICATION ENGG. LAB/ADVANCE COMMUNICATION LAB.</u>	
AMPLITUDE MODULATION KIT	200KHZ SIGNAL GENERATOR
AMPLITUDE DEMODULATION	STEPWISE FUNCTION GENERATOR
FREQUENCY MODULATION	AF- SIGNAL GENERATOR
FOOSTER SEELEY DISCRIMINATOR	20MHZ PULSE GENERATOR
RATIO DIRECTOR	AUDIO SIGNAL GENERATOR TELEPHONE DEMONSTRATOR
MICROWAVE TRAINING KIT	ANALOG SIGNAL SAMPLING AND RE-CONS. TRAINER
300KHZ AM/FM SIGNAL GENERATOR	FIBRE OPTICS COMMUNICATION TRAINER
1MMZ FUNCTION GENERATOR	
20MHZ FUNCTION GENERATOR	
<u>MICRO PROCESSOR LAB</u>	
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 CONTROLLER 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	WINE'S BRIDGE
200 KHZ SIGNAL GENERATOR	SCHEARING BRIDGE WHEATSTONE'S BRIDGE
HARMONIC DISTORTION METER	HAY'S BRIDGE
25 MHZ 2-CH CRO	MAXWELL'S BRIDGE

DEPARTMENT OF BASIC SCIENCE

• **EQUIPMENT LIST OF Physics LAB**

1. SLIDE CALIPERS	2. DRAWING BOARD
3. HOLLOW CYLINDER/ SOLID CYLINDER	4. FOUR HAIR PINS
5. INSTRUMENT BOX	6. GLASS PRISM
7. SCREW GAUGE	8. FIXING PINS
9. A PIECE OF WIRE	10. WHITE PAPER SHEET
11. GEOMETRY BOX	12. METER SCALE
13. MICROMETER SCREW	14. PROTRACTOR
15. WIRE (DC WIRE & BONDLER WIRE)	16. PENCIL
17. GLASS PIECE	18. BAR MAGNET
19. SPHEROMETER	20. DRAWING BOARD
21. GIVEN CURVED SURFACE (WATCH GLASS)	22. A SHEET OF WHITE PAPER
23. INSTRUMENT BOX	24. A COMPASS NEEDLE
25. PLAIN GLASS (BASE PLATE)	26. FIXING PINS
27. CONCAVE LENS	28. CELLO TAPE
29. CONVEX LENS	30. A METER SCALE
31. A SOLID METALIC BOB WITH HOOK	32. INSTRUMENT BOX
33. A SPLIT STAND	34. DC AMMETER
35. A PIECE OF THREAD OF ABOUT 2 METER	36. RESISTANCE BOX
37. SLIDE CALLIPERS	38. RHEOSTAT
39. INSTRUMENT BOX	40. DC VOLTMETER
41. METER SCALE	42. CONNECTING WIRE
43. STOP WATCH	44. BATTERY OR ELIMINATOR

• **EQUIPMENT LIST OF Chemistry LAB**

SL. No.	Name of the Chemicals	Quantity As Per the Stock	SL. No.	Name of the Chemicals	Quantity As Per the Stock
1.	Hydrochloric Acid	10×500 ml	20.	Red Litmus Paper	3 Packets
2.	Sulphuric Acid	10×500 ml	21.	Filter Paper	2 Packets
3.	Nitric Acid	5×500 ml	22.	Spirit Lamp	2×500 ml
4.	Ammonium Hydroxide	5×500 ml	23.	Aluminum Chloride	1×500 gm
5.	Sodium Chloride	2×500 ml	24.	Lead Acetate	1×500 gm
6.	Marble Chips	5×1 kg	25.	Zinc Sulphate	1×500 gm
7.	Ammonium Chloride	2×500 gm	26.	Sodium Carbonate	1×500 gm
8.	Calcium Oxide	2×500 gm	27.	E.D.T.A	1×50 gm
9.	Blue Litmus Paper	3 Packets	28.	Calcium Sulphate	1×500 gm
10.	Sodium Sulphide	1×500 gm	29.	Methyl Orange Solution	1×125 ml
11.	Sodium Nitrate	1×500 gm	30.	Cobalt Nitrate	1×100 gm
12.	Sodium Sulphate	1×500 gm	31.	Fusion Mixture	1×500 gm
13.	Copper Sulphate	2×500 gm	32.	Ammonium Carbonate	1×500 gm
14.	Ferrous Sulphate	1×500 gm	33.	Acetic Acid	1×500 ml
15.	Potassium Dichromate	1×500 gm	34.	Sodium Hydroxide	1×500 gm
16.	Magnesium Sulphate	1×500 gm	35.	Sodium Nitrite	1×500 gm
17.	Potassium Permanganate	1×500 gm	36.	Silver Nitrate	1×25 gm
18.	Barium Chloride	1×500 gm	37.	Lead Acetate	1×500 gm
19.	P.H Paper	2 Packets	38.	Ammonium Ferrous Sulphate	1×500 gm
39.	Aluminum Sulphate	1×500 gm	56	Conical Flax(250 ml)	40
40.	Barium Chloride	1×500 gm	57	Test Tube	2 Packets
41.	Ferrous Silphate	1 kg	58	Gas Jar	20 nos
42.	Potassium Pyroantimonate	1×100 gm	59	Blow Pipe	19 nos
43.	Borax	1×500 gm	60	Graduated Pipate	3 nos

44.	Soda Lime	1×500 gm	61	Measuring Flask	10 nos
45.	Zinc Metal Powder	1×500 gm	62	Measuring Cylinder	12 nos
46.	Copper Metal	1×100 gm	63	Wire Gauge	11 nos
47.	Buffer Capsule P.H-4.Q	10 Capsule	64	China Basin	11 nos
48.	Buffer Capsule P.H-9.2	10 Capsule	65	Test Tube Holder	10 nos
49.	Erichrome Black-T	25 gm	66	Test Tube Brush	34 nos
50.	Double Blue Glass	8 nos	67	Charcoal Box	2 Packets
51.	Platinum Loop	15 nos	68	Tripode Stand	10 nos
52.	Nochrome Wire	1 coil	69	Test-tube Stand	10 nos
53.	Calcium Carbonate	1×500 gm	70	Bunsen Burner	6 nos
54.	Cupric Nitrite	500 ml	71	Hard Glass Test Tube	1 Packet
55.	Calcium Chloride	500 ml	72	Sprit Lamp	2nos
56.	Sodium Sulphate	500 gm	73	Thistle Funnel	10 nos
48.	Buffer Capsule P.H-9.2	10 Capsule	74	Woufes Bottle	10 nos
49.	Erichrome Black-T	25 gm	75	Reagent Bottle(100 ml)	62 nos
50.	Double Blue Glass	8 nos	76	Regent Bottle(250 ml)	50 nos
51.	Platinum Loop	15 nos	77	Regent Bottle(500 ml)	30 nos
52	Delivery Tube	1kg	78	Clamp Stand	10 nos
53	Burette	20 nos	79	Filter Stand	10 nos
54	Pipette	7 nos	80	Conical Flax(250 ml)	40
55	Beakers(250 ml)	32	81	Test Tube	2 Packets
82	Titration Stand	10 nos	87	Tong	10 nos
83	Glass Rod	5 kg	88	P.H Meter	1 no
84	Glass Pipe	1 kg	89	Graduated Pipette	3 nos
85	Mortar	2 nos	90	Spatula	2 nos
86	Dropper	2	91	Pyrex Test Tube	5 Packets

EQUIPMENT LIST OF COMPUTER CENTER & COMPUTER LAB

SL. NO.	LIST OF ITEMS	QUANTITY (In Nos.)
1	BRAND- ZENITH Intel@CPU@PENTIUM-IV e2140@1.60GHz. 1GB RAM,160GB HDD,DVD Writer,17" Color MONITER(ZENITH & INTEX),Optical Mouse(ZENITH & INTEX),Key Board(ZENITH & INTEX),0.6 KVA UPS(Supercomp.)	30
2	Brand-INTEX Dual Core Processor,160GB HDD,1GB DDR2 RAM,17" TFT Moniter, Optical Mouse,Key Board	30
3	Laser Printer (Xerox Model-Jet 1018)	03
4	Ink –Jet Printer (Canon mf4320-4356)	03
5	Richo Aficio MP 1600L(D-link)	01
6	Ethernet cards	10
7	Cachce Cables	100 Meters
8	RJ45 Connectors	100
9	RJ45 clipper tool	05
10	8-port hub	01
11	External DVD R/W (Transcend)	01
12	System Software: Windows XP, Windows 7, Linux 5	3
13	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 Page maker 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	21

DETAILS LIST OF EQUIPMENTS, COMPUTERS, SOFTWARE'S

1.	Number of Computers	105 Nos.
2.	Number of Legal System Software	03 Nos.
3.	Number of Legal Application Software	21 Nos.
4.	Internet Bandwidth in Mbps	32 mbps
5.	Internet Connection Ratio	1:4
6.	Number of Printers	07 Nos.

PANCHUPALLI GRAMAPANCHAYAT

(Sadar Mahakuma - Jhinkharada, Satrusuan)

AT :- JHINKHARADA SATRUSUAN, P.O. - RETANG - 752054, DIST. KHURDA (ORISSA)

Ref. No. : PG/GAL/270

Date : 12-2-2011

Occupancy-cum-completion certificate

This is to certify that building as per description given below over **Plot Nos. 97 & 96 Khata No. 53 & 59** respectively of revenue **Mouza-jhinkharada satrusuan** under **Tahasil-Jatni, District- Khordha** situated in the locality known as **Panchapalli Gramapanchayat** has been completed in accordance with the approval plan of **Panchapalli Gramapanchyat** dated **25.02.2010** .

The above said building is declared fit for occupation for functioning of the institution **IDEAL SCHOOL OF ENGINEERING** At-Jhinkharada Satrusuan, Po-Retang, Dist-Khordha, Odisha under SBP TRUST.

Description of Building

1-Instructional Area (Including common facilities)	- 4269.3 sq.mts.
2-Administrative Area	- 551.7 sq.mts.
3-Ammenities Area	- 475.5 sq.mts.
4-Circulation Area	- 1765.5 sq.mts.
Total Area	7062 sq.mts.

[Signature]
12/2/2011
Béber Behari Pradhan
SARAPANCHA
Panchapalli Gramapanchayat
Panchapalli