

MANDATORY DISCLOUSER

**1. Name of the Institution: RAMARANI INSTITUTE OF TECHNOLOGY , BALASORE
AT- TAMULIA**

NEAR- TAMULIA OVER BRIGE

PO/DIST-BALASORE

City & Pin Code - BALASORE, 756

State - Odisha

Phone number with STD code- 06782-256633

Email- principalramarani@yahoo.in

Website: <https://www.ritbalasore.net/>

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

Name of the organization running the Institution: **RAMARANI EDUCATIONAL TRUST**

Type of the organization : Trust

Address of the organization : AT: TAMULIA

PO:KURUDA

DIST: BALASORE

PIN:756056

ORISSA

Phone number with STD code: 06782-256633

Website of the organization: <http://www.ritbalasore.net>

3. Name of the Principal/Director:

4. Exact Designation: Principal

Phone number with STD code: 06782-256633

Email : principalrit@yahoo.com

Highest Degree : M. Tech

Field of specialization : Engineering

5. Name of the affiliating University: State Council for Technical Education & Vocational Training

Address: Raj Bhavan Colony, Bhubaneswar, Odisha 751001

Website: <https://sctevtodisha.nic.in>

6. Governance

✓ Members of the Board and their brief background

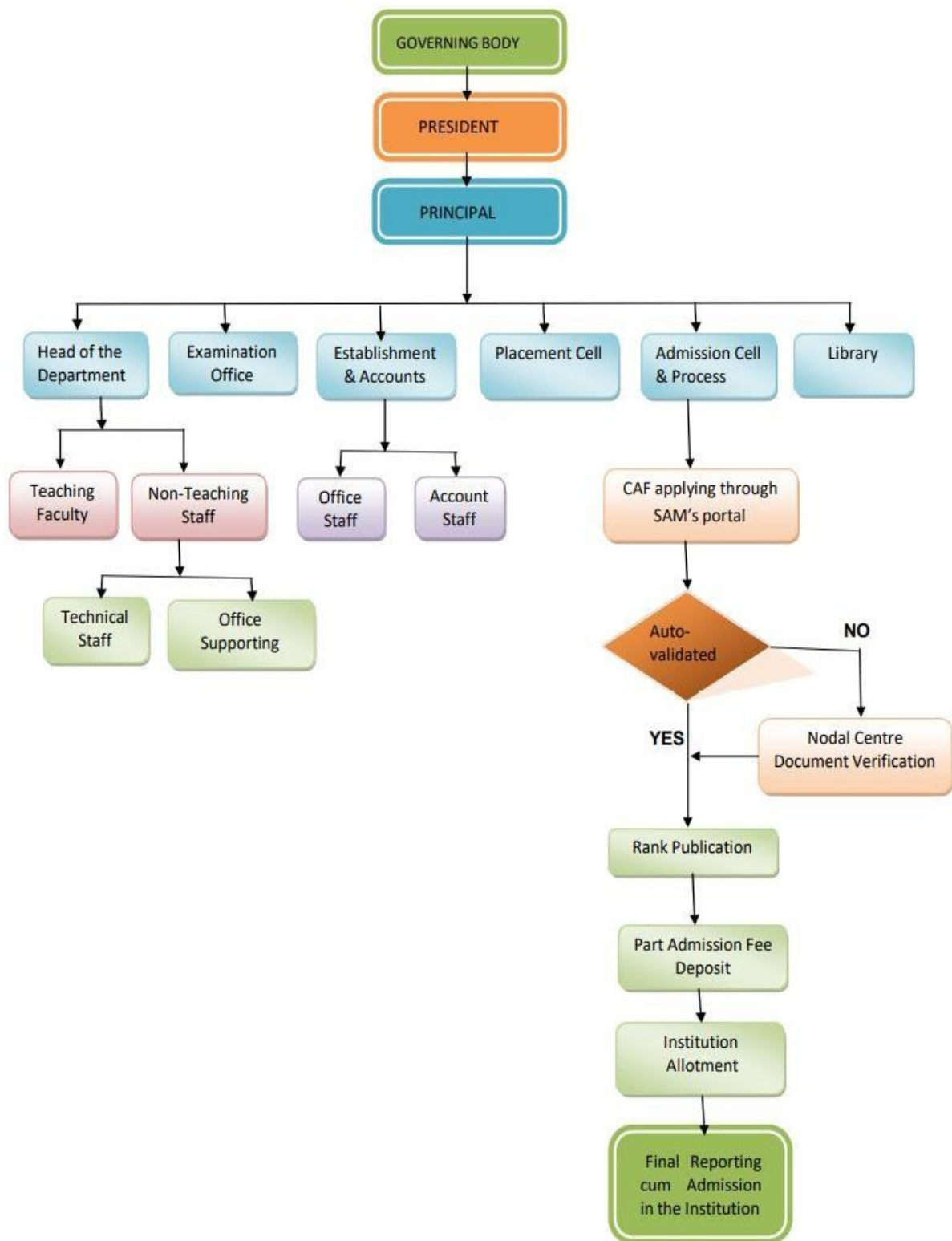
SL NO	NAME OF GOVERNING BODY MEMBERS	DESIGNATION	CONTACT NUMBERS
1	DHIRENDRA PRASAD DAS	Chairman	
2		President,	
3	SWARUP KUMAR DAS	Secretary,	
4	Er. ASHOK KUMAR PANDA	Principal,	
5	LINGARAJ DAS	Educationist, Member	
6	SUJATA DAS	Educationist, Member	

✓ Members of Academic Advisory Body

SL NO	NAME OF ACADEMIC ADVISORY MEMBERS	DESIGNATION	CONTACT NUMBERS
1	DHIRENDRA PRASAD DAS	President / Chairman , Member	
2	Er. ASHOK KUMAR PANDA	Principal, Member Secretary	
3	DR. SITA RAM PANI	VICE PRINCIPAL cum Academic co-ordinator	
4	Mr. DIPAK KUMAR SINGH	HOD, Basic Science	
5	Er. ANANTA NARAYAN BEHERA	HOD, Mechanical	
6	Er. DEEPAK KUMAR SAHU	HOD, Electrical	
7	Er. CHANDRAKANTA PANDA	HOD, Civil	
8	Er. RAJKISHORE DINDA	HOD, Automobile	
	Er. PRABIN BARADA SAHU	HOD, ETC	

✓ Frequency of the Board Meeting and Academic Advisory Body: - **Twice in a year**

✓ Organizational chart and processes



➤ **Nature and Extent of involvement of Faculty and students in academicaffairs/improvements –**

The Institute has been concentrating in Education, Training & Communication. The Institute is committed to develop excellence in education, training and Communication are being made to promote and foster excellence in developing knowledge skills and attitudes in all students and commitment to values in faculty and staff.

The faculty focuses on developing and strengthening systems thinking, problem solving, analysis, design, team work, communication skills and preparing students for life-long learning. The faculty uses innovative techniques, interactive lectures, guided case studies, literature survey, regular assignments, project work and critical and creative thinking. As a pedagogical practice starting from first semester itself, students are required to explore study, summarize, critique, validate and evaluate classical as well as current research literature published by eminent research publishers. The faculty stresses on learner centric, active and collaborative learning. Lab and Library are used for developing skills to use and apply various general professional competences. Our Institute lays down Mission, Vision and Objectives in shaping the profile of the students. These are discussed, validated and converted in curriculum and teaching practice to achieve the desired goals.

➤ **Mechanism/ Norms and Procedure for democratic/ good Governance**

In an attempt to provide a democratic form of governance of the president, Asst. Secretary, Principal, all HODs, Workshop, Section Heads, and Librarian on Policy matters and other significant issues, A weekly meeting (every Saturday) is convened to table decisions. Any activity being undertaken in the Polytechnic would require to be approved at the above meetings before being conducted / implemented / org

The institute has constituted the following committees for smooth Governance.

1. Anti-Ragging Committee
2. SC/ST Committee
3. Grievance redressal committee
4. Woman's harassment committee
5. Academic committee
6. Disciplinary committee
7. Examination committee
8. Proctorial system committee

- ❖ **Student Feedback on Institutional Governance/ Faculty performance – For feedback system click the link below**
<https://>
- ❖ **Grievance Redressal mechanism for Faculty, staff and students- For details click the link below**
<https://>
- ❖ **Establishment of Anti Ragging Committee – For details click the link below**
<https://>
- ❖ **Establishment of Online Grievance Redressal Mechanism – Available**
- ❖ **Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University: For details click the link below**
<https://>
- ❖ **Establishment of Internal Complaint Committee (ICC) – N/A**
- ❖ **Establishment of Committee for SC/ST – For details click the link below**
<https://>
- ❖ **Internal Quality Assurance Cell- N/A**

6. Programme

- ❖ **Name of Programme approved by AICTE**
 - Mechanical Engineering
 - Electrical Engineering
 - Civil Engineering
 - Automobile Engineering
 - Electronics And Telecommunication Engineering
 - Name of Programme Accredited by NBA- **NILL**
 - Status of Accreditation of the Courses **N/A**

NBA Accreditation Status		
1	Name / List of Programmes / Courses Accredited	Nil
2	Applied for Accreditation	Nil
	A. Applied but visit not happened	Nil
	B. Visit happened but result awaited	Nil
3	List of programme's/ courses Not Applied	All Course

NAAC Accreditation Status		
1	Accredited	No
2	Applied for Accreditation	No
	A. Applied but visit not happened	No
	B. Visit happened but result awaited	No
3	Not Applied	Yes

❖ For each Programme the following details are to be given (Preferably in Tabular form):

NAME	NUMBER OF SEATS	DURATION	CUT OFF MARKS	FEE	PLACEMENT FACILITIES	CAMPUS PLACEMENT
MECHANICAL ENGINEERING	120	3	35%	26000	YES	
ELECTRICAL ENGINEERING	120	3	35%	26000	YES	
CIVIL ENGINEERING	90	3	35%	26000	YES	
AUTOMOBILE ENGINEERING	60	3	35%	26000	YES	
ELECTRONICS AND TELECOMMUNICATION ENGINEERING	30	3	35%	26000	YES	

❖ Placement Facilities

The institute has a training and placement department which aims at providing pre placement training and subsequently placement in various company or firm. Some of the industries includes on campus.

1. TPNODL Odisha

2. TATA Steel

3. JINDAL

4. SIGMA

5. MANDO INDIA

6. MAHINDRA & MAHINDRA

7. POLYBOND LTD.

For details click the link below

<https://>

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

Sl No.	No. Of Companies ON/OFF Campus	Year	Minimum Salary / Annum	Maximum salary / Annum	Average Salary / Annum
1	12	2023-2024			
2	10	2022-2023	1.38 lakh	1.68 lakh	1.53 lakh
3	08	2021-2022	1.45 lakh	1.72 lakh	1.59 lakh
4	10	2020-2021	1.35 lakh	1.65lakh	1.5 lakhs

❖ Name and duration of Programme (s)having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval.

If there is Foreign Collaboration, give the following details: N/A

7. Faculty

The institute has devoted band of dedicated faculty member in the ratio of 1:20 (Teacher: Student).

For details click the link below.

<https://>

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

Name of the principal:

Date of birth:

Unique id (Aadhar no.) :

Education qualification: M. Tech

Area of specialization: ETC engineering

Course taught at: B.Tech & M.Tech

Master degree: completed

PhD:

Project carried out:

1. .

No. of paper published in international journals:

Experience: - Over 20 Years

❖ **Faculty Profile (Department wise)**

Click here for faculty profile

<https://>

		ETC		
		CIVIL		
2	2022-2023	MECHANICAL		
		ELECTRICAL		
		COMPUTER		
		CIVIL		
		ETC		
3	2021-2022	MECHANICAL		

	ELECTRICAL		
	CIVIL		
	ETC		
	COMPUTER		

- Number of scholarships offered by the Institution, duration and amount- **15**

- **Criteria for Fee waivers: -**

TFW category

For admission to 5% supernumerary seats whose parent annual income is less than 8 lakhs per annum and marks secured in H.S.E. The student must be S domicile candidate

EWS category

For admission to 10% supernumerary seats whose parent annual income is less than 8 lakhs per annum and marks secured in H.S.E.

- Estimated cost of Boarding and Lodging in Hostels: - For lodgings 7000/-per annum AND for boarding Rs 15000/-per annum.
- Any other fee please specify

10. Admission

SLNO	YEAR	NO. OF SEATS APPROVED	NO. OF ADMITTED STUDENTS			TOTAL
			GEN/SC/ST	TFW	EWS	
1	2023	420				
2	2022	420				
3	2021	420				

- ❖ Number of applications received during last two years for admission under Management Quota and number admitted- NA

11. Admission Procedure

- STUDENT ACADEMIC MANAGEMENT SYSTEM(SAMS), Directorate of Technical Education & Training (DTE&T), Odisha, Cuttack.

<https://skill.samsodisha.gov.in/Diploma.aspx>

- Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test etc.)- NA
- Calendar for admission against Management/vacant seats: NA

12. Criteria and Weightages for Admission

- Describe each criterion with its respective weightages i.e., Admission Test, marks in qualifying examination etc. As per DAC DTET, Odisha
- Mention the minimum Level of acceptance, - As per DAC, DTET, Odisha
- Mention the cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years: As per DAC DTET, Odisha
- Display marks scored in Test etc. and in aggregate for all candidates who were admitted

13. List of Applicants

- List of candidates whose applications have been received along with percentile/percentages score for each of the qualifying examination in separate categories for open seats. As per DAC DTET, Odisha.
- List of candidates who have applied along with percentage and percentile score for Management quota seats (merit wise)- N.A.

14. Results of Admission Under Management seats/Vacant seats: N.A.

15. Information of Infrastructure and Other Resources Available

- Number of Class Rooms and size of each – **21 nos. and 75 square meter each**
- Number of Tutorial rooms and size of each – **06 nos. and 40 square meter each**
- Number of Laboratories and size of each – **29 nos. and 700 square meter each**
- Number of Drawing Halls with capacity of each – **03 nos. and 160 square meter each**
- Number of Computer Centres with capacity of each: - **05 and 700 square meter each.**
- Central Examination Facility – Yes
- **04 Number of Halls and 80 no.s capacity of each**
- **17 Number of Rooms and 50 no.s capacity of each**
- Online examination facility (Number of Nodes, Internet bandwidth, etc.)- **NIL**
- Barrier Free Built Environment for disabled and elderly persons: **Available**
- Occupancy Certificate: **Click here to view occupancy certificate**
<https://>
- Fire and Safety Certificate: **Click here to view Fire and Safety Certificate**
<https://>
- Hostel Facilities: **Click here to view Hostel facilities**
<https://>

❖ Library

- Number of Library books/ Titles/ Journals available (Programme-wise) :- **12719**
- List of online National/ International Journals subscribed: - **NIL**
- E- Library facilities: - **NO**
- National Digital Library (NDL) subscription details: - **NO**

❖ **Laboratory and Workshop**

- List of Major Equipment/Facilities in each Laboratory/Workshop

To view the list of major equipment in each lab click the link below

<https://>

- List of Experimental Setup in each Laboratory/Workshop

To view the list of major equipment in each lab click the link below

<https://>

❖ **Computing Facilities**

• Internet Bandwidth	48 Mbps
• Number and configuration of System	216
• Total number of system connected by LAN	45
• Total number of system connected by WAN	30
• Major software packages available	NA
• Special purpose facilities available (Conduct of online Meetings/Webinars/Workshops, etc)	Available
• Facilities for conduct of classes/courses in online mode (Theory & Practical)	Available
• Innovation Cell	No
• Social Media Cell	Yes
• Compliance of the National Academic Depository (NAD)	Yes

❖ **List of facilities available**

- | | |
|--------------------------------------|------------------|
| • Games and Sports Facilities: | Available |
| • Extra-Curricular Activities: | Available |
| • Soft Skill Development Facilities: | Available |

❖ **Teaching Learning Process**

- **Curricula and syllabus for each of the Programmes as approved by the University**

For detailed syllabus click bellow:-

<https://sctevtodisha.nic.in/en/student-welfare/?cat=diploma&unid=6677>

STATE COUNCIL FOR TECHNICAL EDUCATION AND VOCATIONAL TRAINING, ODISHA									
TEACHING AND EVALUATION SCHEME FOR 2nd Semester (COMMON TO ALL ENGINEERING COURSES)(wef 2018-19)									
Subject Code	Subject	Periods/week			Evaluation Scheme				
		L	T	P	Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	Total	
Theory									
Th.1a Th.1b	Communicative English OR Computer Application	4	-	-	20	80	3	100	
Th.2a Th.2b	Engineering Physics OR Engineering Chemistry	4	-	-	20	80	3	100	
Th.3	Engineering Mathematics-II	5	1	-	20	80	3	100	
Th.4 Th.4a&b	Engg. Mechanics OR Basic Electrical & Electronics Engg.	4			20	80	3	100	
	Total	17	1		80	320	-	400	
Practical									
Pr.1a Pr.1b	Comm. English Lab OR Computer application Lab	-	-	4	50	-	-	50	
Pr.2a Pr.2b	Engg. Physics Lab OR Engg. Chemistry Lab	-	-	4	50	50	3	100	
Pr.3a Pr.3b	Engineering Drawing OR Workshop Practice	-	-	6	50	100	3 4	150	
Pr.4	Seminar			4	50			50	
	Student Centred Activities(SCA)		-	3	-	-	-	-	
	Total	-	-	21	200	150	-	350	
	Grand Total	17	1	21	280	470	-	750	

Abbreviations: L-Lecturer, T-Tutorial, P-Practical. Each class is of minimum 55 minutes duration

Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%

SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ cultural activities/Library studies etc. Seminar and SCA shall be conducted in a section.

There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester

In Th.4a&b Basic Electrical & Electronics Engg. paper there shall be examination in separate Answer books for Th.4a Basic Electrical Engg. and Th.4b Basic Electronics Engg. in the same sitting

STATE COUNCIL FOR TECHNICAL EDUCATION AND VOCATIONAL TRAINING, ODISHA										
TEACHING AND EVALUATION SCHEME FOR 3rd Semester Civil Engineering (wef 2019-20)										
Subject Number	Subject Code	Subject	Periods/week			Evaluation Scheme				
			L	T	P	Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	Total	
Theory										
Th.1		Structural Mechanics	5		-	20	80	3	100	
Th.2		Geotechnical Engineering	4		-	20	80	3	100	
Th.3		Building materials & Construction Technology	5		-	20	80	3	100	
Th.4		Estimation & Cost Evaluation- I	4			20	80	3	100	
Th.5		Environmental studies	4			20	80	3	100	
		Total	22			100	400	-	500	
Practical										
Pr.1		Civil Engg. Lab-I	-	-	6	50	100			
Pr.2		Civil Engg. Drawing-I	-	-	5	25	50			
Pr.3		Estimation Practice-I (Computer-Aided)	-	-	3	25				
		Student Centered Activities(SCA)		-	3	-	-	-	-	
		Total	-	-	17	100	150	-	250	
		Grand Total	22	-	17	200	550	-	750	

Abbreviations: L-Lecturer, T-Tutorial, P-Practical. Each class is of minimum 55 minutes duration

Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%

SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ Cultural activities/Library studies/Classes on MOOCs/SWAYAM etc., Seminar and SCA shall be conducted in a section.

There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester

STATE COUNCIL FOR TECHNICAL EDUCATION AND VOCATIONAL TRAINING, ODISHA

TEACHING AND EVALUATION SCHEME FOR 3rd Semester Electrical Engg.(wef 2019-20)

Subject Number	Subject Code	Subject	Periods/week			Evaluation Scheme			
			L	T	P	Internal Assessment/ Sessional:	End Sem Exams	Exams (Hours)	Total
Theory									
Th.1		Engineering Mathematics-III	4		-	20	80	3	100
Th.2		Circuit and Network Theory	4	1	-	20	80	3	100
Th.3		Element of Mechanical Engineering	4		-	20	80	3	100
Th.4		Electrical Engineering Material	4			20	80	3	100
Th.5		Environmental studies	4			20	80	3	100
		Total	20	01		100	400	-	500
Practical									
Pr.1		Mechanical Engineering Lab	-	-	3	25	50	3	75
Pr.2		Circuit and Simulation Lab	-	-	6	50	50	3	100
Pr.3		Mechanical Workshop	-	-	6	25	50	3	75
		Student Centred Activities(SCA)		-	3	-	-	-	-
		Total	-	-	18	100	150	-	250
		Grand Total	20	01	18	200	550	-	750

Abbreviations: L-Lecturer, T-Tutorial, P-Practical . Each class is of minimum 55 minutes duration

Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%

SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ cultural activities/Library studies/Classes on MOOCS/SWAYAM etc., Seminar and SCA shall be conducted in a section.

There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional: Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester

STATE COUNCIL FOR TECHNICAL EDUCATION AND VOCATIONAL TRAINING, ODISHA									
TEACHING AND EVALUATION SCHEME FOR 3rd Semester Electronics & Tele Communication Engg.(wef 2019-20)									
Subject Number	Subject Code	Subject	Periods/week			Evaluation Scheme			
			L	T	P	Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	Total
Theory									
Th.1		Engg Mathematics-III	4		-	20	80	3	100
Th.2		CIRCUIT THEORY	4		-	20	80	3	100
Th.3		DIGITAL ELECTRONICS	4		-	20	80	3	100
Th.4		ELECTRONICS MEASUREMENT & INSTRUMENTATION	4			20	80	3	100
Th.5		Environmental studies	4			20	80	3	100
		Total	20			100	400	-	500
Practical									
Pr.1		C programming & Web Page Design Lab	-	-	4	25	25	3	50
Pr.2		Circuit theory and Simulation Lab	-	-	4	25	50	3	75
Pr.3		DIGITAL ELECTRONICS LAB	-	-	4	25	50	3	75
Pr.4		ELECTRONICS MEASUREMENT & INSTRUMENTATION LAB			4	25	25	3	50
		Student Centered Activities(SCA)		-	3	-	-	-	-
		Total	-	-	19	100	150	-	250
		Grand Total	20	-	19	200	550	-	750
Abbreviations: L-Lecturer, T-Tutorial, P-Practical . Each class is of minimum 55 minutes duration									
Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%									
SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ cultural activities/Library studies/Classes on MOOCS/SWAYAM etc. ,Seminar and SCA shall be conducted in a section.									
There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester									

STATE COUNCIL FOR TECHNICAL EDUCATION AND VOCATIONAL TRAINING, ODISHA									
TEACHING AND EVALUATION SCHEME FOR 3rd Semester Mechanical Engg.(wef 2019-20)									
Subject Number	Subject Code	Subject	Periods/week			Evaluation Scheme			
			L	T	P	Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	Total
Theory									
Th.1		Production Technology	4		-	20	80	3	100
Th.2		Strength of Material	4		-	20	80	3	100
Th.3		Engineering. Material	4		-	20	80	3	100
Th.4		Thermal Engineering-I	4			20	80	3	100
Th.5		Environmental studies	4			20	80	3	100
		Total	20			100	400	-	500
Practical									
Pr.1		Mechanical Engg. Drawing	-	-	6	25	50	3	75
Pr.2		Mechanical Engg. Lab-I	-	-	4	25	50	3	75
Pr.3		Workshop-II	-	-	6	50	50	4	100
		Student Centred Activities(SCA)		-	3	-	-	-	-
		Total	-	-	19	100	150	-	250
		Grand Total	20	-	19	200	550	-	750
Abbreviations: L-Lecturer, T-Tutorial, P-Practical . Each class is of minimum 55 minutes duration									
Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%									
SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ cultural activities/Library studies/Classes on MOOCS/SWAYAM etc. ,Seminar and SCA shall be conducted in a section.									
There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester									

STATE COUNCIL FOR TECHNICAL EDUCATION AND VOCATIONAL TRAINING, ODISHA									
TEACHING AND EVALUATION SCHEME FOR 5th Semester (Civil Engineering)(wef 2020-21)									
Subject Number	Subject Code	Subject	Periods/week			Evaluation Scheme			
			L	T	P	Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	Total
Theory									
Th.1		Entrepreneurship and Management & Smart Technology	4		-	20	80	3	100
Th.2		Structural Design-II	4		-	20	80	3	100
Th.3		Railway & Bridge Engineering	4		-	20	80	3	100
Th.4		Water Supply & Waste Water Engineering	5			20	80	3	100
Th.5		Estimating & Cost Evaluation- II	4			20	80	3	100
		Total	21			100	400	-	500
Practical									
Pr.1		Civil Engineering Lab-II	-	-	6	50	100	3	150
Pr.2		Estimating Practice-II (Computer-Aided)	-	-	3	25	50	3	75
Pr.3		Project Phase-I	-	-	6	25	-	-	25
		Student Centred Activities(SCA)			3				
		Total	-	-	18	100	150	-	250
		Grand Total	21	-	18	200	550	-	750
Abbreviations: L-Lecturer, T-Tutorial, P-Practical . Each class is of minimum 55 minutes duration									
Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%									
SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ cultural activities/Library studies/Classes on MOOCs/SWAYAM etc. Seminar and SCA shall be conducted in a section.									
There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester									

STATE COUNCIL FOR TECHNICAL EDUCATION AND VOCATIONAL TRAINING, ODISHA									
TEACHING AND EVALUATION SCHEME FOR 5th Semester (Electrical)(wef 2020-21)									
Subject Number	Subject Code	Subject	Periods/week			Evaluation Scheme			
			L	T	P	Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	Total
Theory									
Th.1		Entrepreneurship and Management & Smart Technology	4		-	20	80	3	100
Th.2		Energy Conversion-II	4		-	20	80	3	100
Th.3		Digital Electronics & Microprocessor	5		-	20	80	3	100
Th.4		Utilization of Electrical Energy & Traction	4			20	80	3	100
Th.5		Power Electronics & PLC*	4			20	80	3	100
		Total	21			100	400	-	500
Practical									
Pr.1		Electrical Machine Lab-II	-	-	6	25	50	3	75
Pr.2		Power Electronics & PLC Lab	-	-	3	25	50	3	75
Pr.3		Digital Electronics & Microprocessor Lab	-	-	3	25	50	3	75
Pr.4		Project Phase- I			3	25	-	-	25
		Student Centered Activities(SCA)			3	-	-	-	-
		Total	-	-	18	100	150	-	250
		Grand Total	21	-	18	200	550	-	750
Abbreviations: L-Lecturer, T-Tutorial, P-Practical. Each class is of minimum 55 minutes duration									
Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%									
SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ cultural activities/Library studies/Classes on MOOCs/SWAYAM etc. Seminar and SCA shall be conducted in a section.									
There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester									

STATE COUNCIL FOR TECHNICAL EDUCATION AND VOCATIONAL TRAINING, ODISHA

TEACHING AND EVALUATION SCHEME FOR 5th Semester (Electronics & TeleCommunication) (ref. 2020-21)

Subject Number	Subject Code	Subject	Periods/week			Evaluation Scheme			
			L	T	P	Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	Total
Theory									
Th.1		Entrepreneurship and Management & Smart Technology	4		-	20	80	3	100
Th.2		VLSI & EMBEDDED SYSTEM	4		-	20	80	3	100
Th.3		ANALOG & DIGITAL COMMUNICATION	5		-	20	80	3	100
Th.4		WAVE PROPAGATION & BROADBAND COMMUNICATION ENGINEERING	4			20	80	3	100
Th.5		POWER ELECTRONICS & PLC*	4			20	80	3	100
		Total	21			100	400	-	500
Practical									
Pr.1		ANALOG & DIGITAL COMMUNICATION LAB	-	-	3	25	25	3	50
Pr.2		VLSI & EMBEDDED SYSTEM LAB	-	-	3	25	25	3	50
Pr.3		WAVE PROPAGATION & COMMUNICATION ENGINEERING LAB			3	25	25	3	50
Pr.4		POWER ELECTRONICS LAB	-	-	3	25	25	3	50
Pr.5		PROJECT Phase-I		-	4	50	-	-	50
		Student Centred Activities(SCA)			2				
		Total	-	-	18	150	100	-	250
		Grand Total	21		18	250	500	-	750

Abbreviations: L-Lecture, T-Tutorial, P-Practical. Each class is of minimum 55 minutes duration

Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%

SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ cultural activities/Library studies/Classes on MOOCS/ SWAYAM etc. Seminar and SCA shall be conducted in a section.

There shall be 1 Internal Assessment done for each of the Theory Subject.

Sessional Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester

STATE COUNCIL FOR TECHNICAL EDUCATION AND VOCATIONAL TRAINING, ODISHA									
TEACHING AND EVALUATION SCHEME FOR 5th Semester (Mechanical.) (wef 2020-21)									
Subject Number	Subject Code	Subject	Periods/week			Evaluation Scheme			Total
			L	T	P	Internal Assessment/ Sessional	End Sem Exams	Exams (Hours)	
Theory									
Th.1		Entrepreneurship and Management & Smart Technology	4		-	20	80	3	100
Th.2		Design of Machine elements	4		-	20	80	3	100
Th.3		Hydraulic Machines & Industrial Fluid Power	4		-	20	80	3	100
Th.4		Mechatronics	4			20	80	3	100
Th.5		Refrigeration and air-conditioning	4			20	80	3	100
		<i>Total</i>	20			100	400	-	500
Practical									
Pr.1		Refrigeration and Air conditioning lab	-	-	4	25	50	3	75
Pr.2		Hydraulic machines & Industrial Fluid power lab	-	-	4	25	50	3	75
Pr.3		CAD/CAM LAB	-	-	4	25	50	3	75
Pr.4		Project Work Phase -I			4	25	-	-	25
		Student Centered Activities (SCA)			3				
		<i>Total</i>	-	-	19	100	150	-	250
		Grand Total	20	-	19	200	550	-	750
Abbreviations: L-Lecturer, T-Tutorial, P-Practical. Each class is of minimum 55 minutes duration									
Minimum Pass Mark in each Theory subject is 35% and in each Practical subject is 50% and in Aggregate is 40%									
SCA shall comprise of Extension Lectures/ Personality Development/ Environmental issues /Quiz /Hobbies/ Field visits/ cultural activities/Library studies/Classes on MOOC/SWAYAM etc. Seminar and SCA shall be conducted in a section.									
There shall be 1 Internal Assessment done for each of the Theory Subject. Sessional Marks shall be total of the performance of individual different jobs/ experiments in a subject throughout the semester.									

❖ Academic Calendar of the University

For academic calendar click the link <https://>

❖ Academic Time Table with the name of the faculty members handling the Course

For details click the link below <https://>

❖ Teaching Load of each Faculty

<https://>

❖ Internal Continuous Evaluation System and place

Continuous evaluation of student and staff is done by the management.

❖ Student's assessment of Faculty, System in place

A well settled feedback mechanism of the institution is available for assessment of faculty by student

❖ For each Post Graduate Courses give the following: N.A.

❖ Special Purpose: N.A

16. Enrolment and placement details of students in the last 3years

For detailed Enrolment and placement click the link <https://>

17. List of Research Projects/ Consultancy Works

- Number of Projects carried out, funding agency, Grant received: -NIL
- Publications (if any) out of research in last three years out of mastersprojects: - NIL
- Industry Linkage:- YES
- ❖ **MoUs with Industries (minimum3(10))**

The institution has signed MoU with Five numbers of industries. For more details click the link below

<https://>

18. LoA and subsequent EoA till the current Academic Year

To view the EOA 2023-24 click the below<https://>

19. Accounted audited statement for the last three years

For details click the link <https://>

20. Best Practices adopted, if any

1. Additional Skill Training given to students beyond syllabus and working hours to enhance employability of students

I. Apart from class room teaching pre-placement training is given to the student in order to enable them employable in various industry and farm. This practice is a continuous process and three period per day is devoted for this activity.

II. Pre-placement training comprises of following activities

- a. Aptitude test
- b. Reasoning
- c. Mock interview
- d. Technical test
- e. Group discussion to enhance the communication skill

2. Community service rendered

Sl no.	Name of the Community Service	Venue
1	10 days training programme on repair and maintenance of electrical and electronic gadgets.	

3. Start-ups initiated in the Polytechnic

Slno	Startup initiated
1	Swachha Bharat mission at tamulia
2	A start-up programme at kuruda village to reduce electricity consumption
3	Start up programme to become an entrepreneur
4	Start up programme repair and maintenance of electrical and electronics gadget

4. Seminars/ Extension Lectures conducted

SLNo.	Seminar
1	Clean air for blue sky
2	Acquiring material peace
3	Traffic rule and regulation
4	Solar power station
5	Waste water treatment
6	Application of CAD and CAM in adv. Manufacturing system