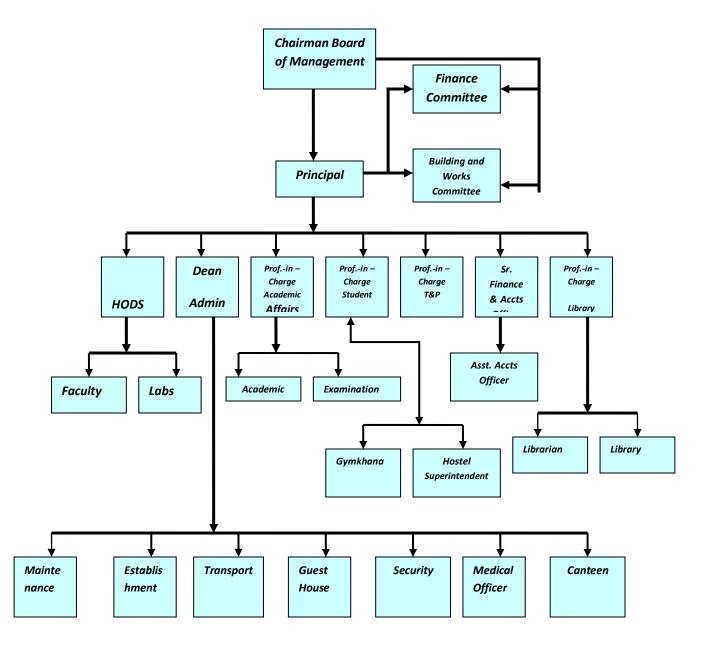
Mandatory Disclosure

1. Name of the Institution with address:	Aryan Institute of Engineering and Technology At-Barakuda, PO- Panchagaon, Bhubaneswar Dist- Khordha, PIN-752050 Email Id- principal@aryan.ac.in Mobile-9237394112 Website-www.aryan.ac.in
 Name and Address of the Trust and : Trustees Name and Address of Principal 	 Aryan Educational Trust Flat No-34, Block-5 Metrocity, Nayapally Bhubaneswar-751012 Name and address of the Trustees 1. Dr. Madhumita Parida, Chairman DDL/601, Dumuduma Housing Board Colony Dumuduma, Khandagiri, Bhubaneswar. aryan.cityoffice@gmail.com Mob-9437178430 2. Er. Antaryami Badu, Joint Managing Trustee Flat No-34, Block-5, Metrocity, Nayapally Bhubaneswar-751012 citicon_engineers@yahoo.co.in Mob-9937445259 3. Mr. Muktikanta Badu, Trustee Housing Board Colony, Radhagobindpur Athagarh, Cuttack citicon_engineers@yahoo.co.in Mob-9937165585 Prof. (Dr) Bimal Sarangi
3. Name and Address of Principal	Mob-9237394112/9437123892 Email-principal@aryan.ac.in
4. Name of the affiliating University	Biju Patnaik University of Technology Chhend Colony, Udit Nagar, Rourkela, Odisha

4. i) Organizational Chart



ii) Grievance Redressal mechanism for Faculty, staff and students:

Committee	Norse of the Constraittee meanshare	Deepensibility
Committee	Name of the Committee members	Responsibility
GRIEVANCE	Prof. (Dr) Bimal Sarangi, Chairman	• The grievance and redressal committee should
AND	Dr. Amiya Kumar Sahoo, member	look after all the complaints, appeals and
REDRESSAL	Dr. Pratap Chandra Nayak, Member	grievances apart from students/staff/faculty
COMMITTEE	Dr. Sanat Kumar Pattnaik, member	from time to time in order to solve their
	Prof. Priya Chandan Satpathy, Member	problems and provide them to legal justice.
	Prof. Sakti Prasad Das Member	• The committee should be impartial, neat,
	Prof. Murari Prasad Panda, member	clean and fair while exercising its power and
	Dr. Aparna Rajesh Atmakuri, Member	takes decision in order to provide impartial
	Prof. Sukumar Joshi, Member	judgments to the related victims.
	Prof. Umakanta Mohapatra, Member	• To present the irregularity in the admission process if complains/anomalies discriminatory practices against students and visible
		• To ensure and protect the denial quality of
		education as assured in the institute.
		• To ensure and check non-transparent or unfair
		means/ policies in the process of evaluation.
		• The Committee shall be convened at least a
		meeting once in a month for monitoring the
		related activities if any.

iii) Establishment of Anti ragging Committee

S.No	Name	Designation	Phone Number
1	Prof. (Dr) Bimal Sarangi	Principal/Chairman	9437134933
2	Dr. Amiya Kumar Sahoo	Vice Principal/Convener	9437571251
3	Prof. Sasmita Parida	Director (Finance), AIET	9776209535
4	Prof. Prakash Kumar Dehury	Asst. Prof, CSE	8763144934
5	Prof. Ajit Kumar Panda	Asst. Prof., EE	8093285744
6	Prof. Satyajit Dash	Asst. Prof., CSE	9437059070
7	Prof. Priya Chandan Satpathy	Asst. Prof., ECE	9437059295
8	Air Field Police Station	IIC, Local Police Station	0674-2590192
9	Prof. Smitashree Jena	Asst. Prof, EE	8763595888
10	Mr. Rohita Baral	Guardian Representative	9078157732
11	Sri Udit Narayan Sahoo	Student Representative	9937140766

iv. Establishment of Online Grievance Redressal Mechanism

Portal for online grievances : aryan.edugrievances.com

← → C 25 aryan.edugrievance.com



v. Establishment of Internal Committee (IC)

MEMBERS	NOMINATION	PHONE NUMBER
Chairman	Dr. Bimal Sarangi	9437134933
Convener	Dr.Amiya Kumar Sahoo	9437387064
One women employee from CSE Department	Dr. Minakshi Mohanty	7788825696
One women employee from ME Department	Mrs. Smitashree Jena	8270030183
One women employee from EE Department	Mrs. Babita Meher	7873560376
One women employee from CE Department	Mrs. Rajalaxmi Pati	7008072886
One women employee from BSH Department	Ms. Anasuya Nanda	9437326596
Additional Members	Ms. Subhadra Pani	9668515121
	Mrs. Punarbasu Mall	9438684694

vi. Establishment of Committee for SC/ST

Committee	Name of the Committee	Responsibility
	Member	
Committee for SC/ST	Prof. (Dr) Bimal Sarangi, Chairman Prof. Prakash Kumar Dehury, Convener Prof. Arun Krushna Padhiary Member Prof. Sukumar Joshi Member Mr. Pratap Kumar Swain Member	 To protect the rights of SC/ST students/staff faculty given by the constitution of India in various provisions. To safeguard the interest of SC and ST Faculty/staff/ students, the committee members should be alert and vigilant To avoid any type of atrocities towards SC/ST people, the committee should take up precautionary action immediately (if any) the and there. The Committee should take up issues regarding their timely promotion , betterment and welfare and put up to the higher authorities for necessary action. The committee should review the scholarship issues or any other financial assistance provided by the government from time to time. The Committee should submit the monthly report regarding the problems/issues of the concerned staff/students and faculty regarding any matters which may hamper the self-esteem of the SC and ST students and staffs.

vii. Internal Quality Assurance Cell

IQAC Committee

S No	Name and Designation	Designation in IQAC
1	Prof. (Dr) Bimal Sarangi, Principal	Chairman
2	Prof. Sasmita Parida, Director, AIET	Member
3	Prof. (Dr) R. Bhima Rao, Retd. Chief Scientist	Member
4	Dr. Subodh Kumar Routray, Industrialist	Member
5	Mr. Smruti Ranjan Badu, Industrialist	Member
6	Prof. (Dr) Aoarna Rajesh Atmakuri, HoD, CSE	Member
7	Prof. Murari Prasad Panda, Mentor, AIET	Member
8	Prof. Pratap Chandra Nayak, HoD, EE	Member
9	Prof. Sakti Prasad Daas, HoD, CE	Member
10	Prof. Prya Chandan Satpathy, HoD, ECE	Member
11	Prof. Ajit Kumar Panda, Asst. Prof, EE	Member
12	Mr. Pratap Kumar Swain, OS	Member
13	Mr. Dhanajaya Subudhi, Course Coordinator	Member
14	Mr. SK Javed, Alumni Representative	Member
15	Mr. Bikram Keshari Behera, Alumni Representative	Member
16	Mr. Sunil Kumar Champaty, Parent representative	Member
17	Mr. Hemanta Kumar Barik, Librarian, AIET	Member
18	Prof. (Dr) Amiya Kumar Sahoo, Vice Principal	Coordinator

viii. Equal Opportunity facilities Cell

There is an equal opportunity facility cell though it is a coed institution.

- 6. i) Name of Programmes approved by AICTE
 - ii) Accreditation
 - iii) Total Number of Courses

- : M.Tech, MBA, MCA, B.Tech, Diploma
- : Accredited by NAAC with A grade
- : M.Tech 04 courses B.Tech – 06 courses Diploma – 05 courses MBA - 01 course MCA – 01 course

IV. Course Details

Course Name	Number of seats	Duration (in Years)
B.Tech- Computer Science & Engineering	240	04
B.Tech – Mechanical Engineering	60	04
B.Tech- Electrical Engineering	60	04
B.Tech – Civil Engineering	60	04
B.Tech- Electrical and Electronics Engineering	30	04
B.Tech-Electronics & Communication Engineering	30	04
M.Tech – Structural Engineering	30	02
M.Tech – Thermal Engineering	30	02
M.Tech – Power System Engineering	30	02
M.Tech – Computer Science & Engineering	30	02
MBA	108	02
MCA	120	02
Diploma –Mechanical Engineering	60	03
Diploma – Electrical Engineering	60	03
Diploma - Computer Science & Engineering	60	03
Diploma – Civil Engineering	60	03
Diploma - Mining Engineering	60	03

7. Faculty

i) Branch wise faculty

Course	Branch	Departmental Faculty
	CSE	15
	EE	7
B.Tech	ME	12
D.TECH	EEE	4
	ECE	4
	CE	10
	CE	4
M.Tech	ME	2
w.rech	EE	2
	CSE	2
MBA	MBA	11
MCA	MCA	12
	ME	5
	EE	5
Dploma	CSE	5
	CE	5
	Mining	5
	BSH	34

8. Profile of Principal

i. Name	: Dr. Bimal Sarangi			
ii. Date of Birth	: 07/02/1965			
iii. Unique ID	: 1-44001421066			
iv. Education Qualifications	: PhD in Mechanical Engineering			
v. Work Experience	: Teaching – 33 years, Research – 12 years			
vi. Area of Specialization	: Process Technology and Composite Materials			
vii. Courses taught	: Mechanical Engineering			
viii. Research guidance (Students)): PhD-03, M.Tech-55, B.Tech-150				

ix. No. of papers published in National/International Journals/Conferences: 100

x. Master (Completed/Ongoing): Completed :

xi. Ph.D. (Completed/Ongoing): Completed

xii. Projects carried out : 03

xiii. Patents (Filed & Granted):02

xiv. Technology Transfer: 01

xv. No. of Books published with details: 02 (Engineering Mechanics and Environmental Studies)

9. Admission

	Student List of 5 years											
	Course wise admission for last 5 years											
SI No	Course	Branch	Intake in 2019- 20	Admitted in 2019- 20	Intake in 2020- 21	Admitted in 2020- 21	Intake in 2021- 22	Admitted in 2021- 22	Intake in 2022- 23	Admitted in 2022- 23	Intake in 2023- 24	Admitted in 2023- 24
					Un	der Gradua	ate level					
		CSE	60	51	60	54	60	60	120	118	180	180
		ECE	30	17	30	16	30	22	30	19	30	20
1	B Tech	EE	60	36	60	39	60	35	60	39	60	30
1	b rech	EEE	30	20	30	18	30	20	30	15	30	16
		ME	120	85	120	74	120	65	120	62	60	36
		CE	120	65	120	61	120	62	60	38	60	37
					Ро	st Graduat	e Level					
2	MCA	*MCA	0	0	0	0	0	0	120	71	120	78
3	MBA	MBA	120	69	120	63	120	68	120	64	120	75
	M.Tech	CE	30	18	30	21	30	22	30	20	30	17
						Diploma L	evel					
		Civil	60	31	60	33	60	50	60	30	60	33
		CSE	60	41	60	38	60	56	60	58	60	60
5	Diploma	EE	60	34	60	55	60	54	60	50	60	58
		Mech	60	42	60	56	60	60	60	55	60	59
		Mining	60	33	60	31	60	37	60	31	60	27

*MCA started in the year 2022

10. Admission Procedure:

All the admission procedures are made by Joint Entrance Examination Board, Government of Odisha. The detailed weightage, Reservation of seats, percentage required etc are uploaded in the counseling brochure of OJEE. The official website of OJEE is **www.ojee.nic.in** and **www.odishajee.com**. The admission for diploma students are as per the rules and regulations of DTE&T and SCTE&VT.

11. Information of Infrastructure and Other Resources Available

i. Number of Class Rooms and size of each

SI No	Classroom Details	Area in Sq Mtr
1	Classroom-1	66.65
2	Classroom-2	66.32
3	Classroom-3	66.57
4	Classroom-4	71.15
5	Classroom-5	72.74
6	Classroom-6	73.12
7	Classroom-7	76.56
8	Classroom-8	72.74
9	Classroom-9	76.15
10	Classroom-10	73.12
11	Classroom-11	76.56
12	Classroom-12	66.65
13	Classroom-13	68.32
14	Classroom-14	66.65
15	Classroom-15	72.74
16	Classroom-16	76.15
17	Classroom-17	73.12
18	Classroom-18	76.56
19	Classroom-19	66.65
20	Classroom-20	68.32
21	Classroom-21	66.65
22	Classroom-22	75.07
23	Classroom-23	76.15
24	Classroom-24	72.74
25	Classroom-25	73.12
26	Classroom-26	76.56
27	Classroom-27	71.22
28	Classroom-28	79.91
29	Classroom-29	81.05
30	Classroom-30	80.93
31	Classroom-31	81.73

32	Classroom-32	79.91
33	Classroom-33	81.05
34	Classroom-34	80.93
35	Classroom-35	81.73
36	Classroom-36	82.84
37	Classroom-37	79.91
38	Classroom-38	81.05
39	Classroom-39	80.93
40	Classroom-40	66
41	Classroom-41	66

ii. Number of Tutorial Rooms

SI No	Tutorial Room	Area in			
Onto					
	Details	Sq Mtr			
1	Tutorial Room	33.57			
2	Tutorial Room	49.3			
3	Tutorial Room	47.75			
4	Tutorial Room	53.23			
5	Tutorial Room	45.71			
6	Tutorial Room	36.28			
7	Tutorial Room	36.28			
8	Tutorial Room	53.09			
9	Tutorial Room	33.94			
10	Tutorial Room	40.02			
11	Tutorial Room	40.02			

iii. Number of Laboratories

SI No	Laboratory	Area in Sq Mtr			
1	Laboratory	156.26			
2	Laboratory	66.23			
3	Laboratory	74.03			
4	Laboratory	100.04			
5	Laboratory	101.59			
6	Laboratory	81.31			
7	Laboratory	84.21			
8	Laboratory	103.04			
9	Laboratory	182.34			
10	Laboratory	182.23			
11	Laboratory	201.07			

12	Laboratory	68.69			
13	Laboratory	102.04			
14	Laboratory	100.34			
15	Laboratory	101.59			
16	Laboratory	66.2			
17	Laboratory	157.55			
18	Laboratory	139.41			
19	Laboratory	66.1			
20	Laboratory	75.07			
21	Laboratory	100.04			
22	Laboratory	101.59			
23	Laboratory	66.68			
24	Laboratory	182.23			
25	Laboratory	66.1			
26	Laboratory	70.8			
27	Laboratory	100.04			
28	Laboratory	101.56			
29	Laboratory	103.04			
30	Laboratory	83.84			
31	Laboratory	116.19			
32	Laboratory	130.38			
33	Laboratory	151.15			
34	Laboratory	138.02			
35	Laboratory	68.23			
36	Laboratory	66.2			
37	Laboratory	66.23			
38	Laboratory	66.2			
39	Laboratory	103.04			
40	Laboratory	151.15			
41	Laboratory	111.01			
42	Laboratory	106.86			
43	Laboratory	107.42			
44	Laboratory	108.89			
45	Laboratory	108.67			
46	Laboratory	84.76			
47	Laboratory	84.76			
48	Laboratory	80.08			
49	Laboratory	80.08			

50	Laboratory	80.83
51	Laboratory	80.83
52	Laboratory	80.83

iv. Number of Computer Centres with capacity of each: 03 Nos, capacity - 60

v. Central Examination Facility, Number of rooms and capacity of each: 41 Rooms, Capacity – 60

vi. Online examination facility (Number of Nodes, Internet band width, etc.): 250 nodes

Internet bandwidth: 750 mbps

vii. Barrier Free Built Environment for disabled and elderly persons



viii. Fire and Safety Certificate : Fire and safety Certificate obtained from Fire DG Office, Cuttack.

- ix. Hostel Facilities: 01 Boys Hostel and 01 Girls Hostel The capacity of Boys Hostel and Girls Hostel is 1000 and 200 respectively.
- x. Number of Library books: Number of Titles : 5188 Number of Volumes: 32046 Number of journals: 129 Number of eBooks: 3000
- xi. NDL Registration : NDLI Club Membership

xii. Laboratory Equipments

No Name of the Laboratory Lab / Major Equipments 2Mhz Fun. Generator, Analog Digital Bread Board, Multimeter, CRO 20 MHz, 16 channel logic Analyzer etc 20hz Fun. Generator, CRO 20 MHz, 16 channel logic Analyzer etc 1 ANALOG & DIGITAL ELECT. LAB logic Analyzer etc 2 ANALOG COMMUNICATION LAB ModulationPAM time division 2 ANALOG COMMUNICATION LAB Motor, Tachometer, Watt Meter, Inductive & ModulationPAM time division 3 BASIC ELECTRICAL LAB Restifier, Generator, DC & AC Shunt Motor, Tachometer, Watt Meter, Inductive & Resistive Load, Energy metr 4 BASIC ELECTRICAL LAB Resistive Load, Energy metr 5 CHEMISTRY LAB Burrete, Beaker, Bunsen, Flask, Electronic balance, EDTA, iron tongue, measuri etc 6 CIVIL ENGINEERING DRAWING Drawing Tables, Chairs etc 7 COMMUNICATION ENGG. LAB IBM Server, Switch, Cisco Router, VXI thin client, printer 9 COMPUTER LAB-I IBM Server, Switch, Printers etc 10 CONRETE & STRUCTURAL ENGG. LAB HC37.60 Slump Test Apparatus, HC37.75 Compaction Factor, HC37.30 Flow Table, HC 10 CONCRETE & STRUCTURAL ENGG. LAB Hot Air Oven, BOD Incubator, Dry Thermostat Reactor, Double ditillation, Shaker cum vibrator, Incubator	SI		
1 ANALOG & DIGITAL ELECT. LAB Board,Multimeter,CRO 20 MHz, 16 channel 1 ANALOG & DIGITAL ELECT. LAB I gic Analyzer etc 2 1 GHZ. Handheld Spectrum Analyzer,20 MHz 2 ANALOG COMMUNICATION LAB ModulationPAM time division 2 ANALOG COMMUNICATION LAB ModulationPAM time division 3 BASIC ELECTRICAL LAB Rectifier,Generator,DC & AC Shunt 4 Motor,Tachometer,Watt Meter,Inductive & Resistive Load,Energy metr 5 CERO, 10 mHz frequencyGenerates, DC power supply, Digital Multimeters, Bread Board, Power Supply 4 BASIC ELECTRONICS LAB Power Supply 5 CHEMISTRY LAB balance, EDTA, iron tongue, measuri etc 6 CIVIL ENGINEERING DRAWING Drawing Tables, Chairs etc 7 COMMUNICATION ENGG. LAB colour TV 8 COMPUTER LAB-I IBM Server, Switch, Cisco Router, VXI thin client, printer 9 COMPUTER LAB-II Server, Computer, Switch, Printers etc 10 CONCRETE & STRUCTURAL ENGG, LAB 42.25 Cube Mould 11 CONTROL AND INSTRUMENATION LAB Vibrator, Incubator 11 CONTROL AND INSTRUMENATION LAB Compaction factor, Direct shear test, sieve shaker </th <th>No</th> <th>Name of the Laboratory</th> <th>Lab / Major Equipments</th>	No	Name of the Laboratory	Lab / Major Equipments
1 ANALOG & DIGITAL ELECT. LAB logic Analyzer etc 1 GHz. Handheld Spectrum Analyzer,20 MHz DDS,FDM Transmitter,Amplitude 2 ANALOG COMMUNICATION LAB ModulationPAM time division 2 ANALOG COMMUNICATION LAB ModulationPAM time division 3 BASIC ELECTRICAL LAB Restifier,Generator,DC & AC Shunt Motor,Tachometer,Watt Meter,Inductive & Resistive Load,Energy metr 4 BASIC ELECTRICAL LAB Resistive Load,Energy metr 5 CRO, 10 mHz frequencyGenerates, DC power supply, Digital Multimeters, Bread Board, Power Supply 4 BASIC ELECTRONICS LAB Power Supply 5 CHEMISTRY LAB Burrete, Beaker, Bunsen, Flask, Electronic balance, EDTA, iron tongue, measuri etc 6 CIVIL ENGINEERING DRAWING Drawing Tables, Chairs etc 7 COMMUNICATION ENGG. LAB IBM Server, Switch, Cisco Router, VXI thin client, printer 9 COMPUTER LAB-I IBM Server, Switch, Cisco Router, VXI thin client, printer 9 CONCRETE & STRUCTURAL ENGG. LAB 42.25 Cube Mould 10 CONCRETE & STRUCTURAL ENGG. LAB HC37.60 Slump Test Apparatus,HC37.75 Compaction Factor,HC37.30 Flow Table,HC 10 CONTROL AND INSTRUMENATION LAB vibrator,Incubator 11 <			2Mhz Fun. Generator, Analog Digital Bread
1 GHz. Handheld Spectrum Analyzer, 20 MHz DDS, FDM Transmitter, Amplitude ModulationPAM time division 2 ANALOG COMMUNICATION LAB ModulationPAM time division 3 BASIC ELECTRICAL LAB Rectifier, Generator, DC & AC Shunt Motor, Tachometer, Watt Meter, Inductive & Resistive Load, Energy metr 4 BASIC ELECTRICAL LAB Resistive Load, Energy metr 5 CRO, 10 mHz frequencyGenerates, DC power supply, Digital Multimeters, Bread Board, Power Supply 6 CIVIL ENGINEERING DRAWING Burrete, Beaker, Bunsen, Flask, Electronic balance, EDTA, iron tongue, measuri etc 6 CIVIL ENGINEERING DRAWING Drawing Tables, Chairs etc 7 COMMUNICATION ENGG. LAB Radiation pattern of Dipole, Yagi, Helical and Slot Antenna, Study of different blocks of colour TV 8 COMPUTER LAB-I IBM Server, Switch, Cisco Router, VXI thin client, printer 9 COMPUTER LAB-II Server, Computer, Switch, Printers etc 10 CONCRETE & STRUCTURAL ENGG. LAB Hot Air Oven, BOD Incubator, JCry Thermostat Reactor, Double ditillation, Shaker cum vibrator, Incubator 11 CONTROL AND INSTRUMENATION LAB Vibrator, Jincubator 12 DESIGN & DETALING OF STEEL STRUCTURE LAB Pulse code modulation, pulse code demodulation. PAM type division, Channel <td></td> <td></td> <td></td>			
2 ANALOG COMMUNICATION LAB DDS,FDM Transmitter,Amplitude 2 ANALOG COMMUNICATION LAB ModulationPAM time division 2 ANALOG COMMUNICATION LAB Rectifier,Generator,DC & AC Shunt 3 BASIC ELECTRICAL LAB Resistive Load,Energy metr 3 BASIC ELECTRICAL LAB Resistive Load,Energy metr 4 BASIC ELECTRONICS LAB Power Supply, Digital Multimeters, Bread Board, Power Supply 5 CHEMISTRY LAB Burrete, Beaker, Bunsen, Flask, Electronic balance, EDTA, iron tongue, measuri etc 6 CIVIL ENGINEERING DRAWING Drawing Tables, Chairs etc 7 COMMUNICATION ENGG. LAB Radiation pattern of Dipole, Yagi, Helical and Slot Antenna,Study of different blocks of colour TV 8 COMPUTER LAB-I IBM Server, Switch, Cisco Router, VXI thin client, printer 9 COMPUTER LAB-II Server, Computer, Switch, Printers etc 10 CONCRETE & STRUCTURAL ENGG. LAB 402.32 Cube Mould 11 CONTROL AND INSTRUMENATION LAB Vibrator,Incubator 12 DESIGN & DETALING OF STEEL STRUCTURE LAB Pulse code modulation, pulse code demodulation. PAM type division, Channel	1	ANALOG & DIGITAL ELECT. LAB	logic Analyzer etc
2 ANALOG COMMUNICATION LAB ModulationPAM time division 3 Rectifier,Generator,DC & AC Shunt Motor,Tachometer,Watt Meter,Inductive & Resistive Load,Energy metr 3 BASIC ELECTRICAL LAB Resistive Load,Energy metr 4 BASIC ELECTRONICS LAB CRO, 10 mHz frequencyGenerates, DC power supply, Digital Multimeters, Bread Board, Power Supply 4 BASIC ELECTRONICS LAB Burrete, Beaker, Bunsen, Flask, Electronic balance, EDTA, iron tongue, measuri etc 5 CHEMISTRY LAB Drawing Tables, Chairs etc 6 CIVIL ENGINEERING DRAWING Drawing Tables, Chairs etc 7 COMMUNICATION ENGG. LAB IBM Server, Switch, Cisco Router, VXI thin client, printer 9 COMPUTER LAB-I IBM Server, Switch, Cisco Router, VXI thin client, printer 9 COMPUTER LAB-II Server, Computer, Switch, Printers etc 10 CONCRETE & STRUCTURAL ENGG. LAB HC37.60 Slump Test Apparatus,HC37.75 Compaction Factor,HC37.30 Flow Table,HC 10 CONTROL AND INSTRUMENATION LAB vibrator,Incubator,Dry Thermostat Reactor,Double ditillation,Shaker cum 11 CONTROL AND INSTRUMENATION LAB Compaction factor, Direct shear test, sieve shaker 12 DESIGN & DETALING OF STEEL STRUCTURE LAB Pulse code modulation, pulse code demodulation. PAM type division, Cha			
3 BASIC ELECTRICAL LAB Rectifier,Generator,DC & AC Shunt 3 BASIC ELECTRICAL LAB Motor,Tachometer,Watt Meter,Inductive & Resistive Load,Energy metr 4 BASIC ELECTRONICS LAB CRO, 10 MJz frequencyGenerates, DC power supply, Digital Multimeters, Bread Board, Power Supply 5 CHEMISTRY LAB Burrete, Beaker, Bunsen, Flask, Electronic balance, EDTA, iron tongue, measuri etc 6 CIVIL ENGINEERING DRAWING Drawing Tables, Chairs etc 7 COMMUNICATION ENGG. LAB Radiation pattern of Dipole, Yagi, Helical and Slot Antenna,Study of different blocks of colour TV 8 COMPUTER LAB-II IBM Server, Switch, Cisco Router, VXI thin client, printer 9 COMPUTER LAB-II Server, Computer, Switch, Printers etc 10 CONCRETE & STRUCTURAL ENGG. LAB Hot Air Oven,BOD Incubator,Dry Thermostat Reactor,Double ditillation,Shaker cum vibrator,Incubator 11 CONTROL AND INSTRUMENATION LAB Vibrator,Incubator 12 DESIGN & DETALING OF STEEL STRUCTURE LAB Pulse code modulation, pulse code demodulation, PAM type division, Channel			
3 BASIC ELECTRICAL LAB Motor, Tachometer, Watt Meter, Inductive & Resistive Load, Energy metr 4 BASIC ELECTRONICS LAB CRO, 10 mHz frequencyGenerates, DC power supply, Digital Multimeters, Bread Board, Power Supply 5 CHEMISTRY LAB Burrete, Beaker, Bunsen, Flask, Electronic balance, EDTA, iron tongue, measuri etc 6 CIVIL ENGINEERING DRAWING Drawing Tables, Chairs etc 7 COMMUNICATION ENGG. LAB Radiation pattern of Dipole, Yagi, Helical and Slot Antenna, Study of different blocks of colour TV 8 COMPUTER LAB-I IBM Server, Switch, Cisco Router, VXI thin client, printer 9 COMPUTER LAB-II Server, Computer, Switch, Printers etc 10 CONCRETE & STRUCTURAL ENGG. LAB HC37.60 Slump Test Apparatus, HC37.75 Compaction Factor, HC37.30 Flow Table, HC 11 CONTROL AND INSTRUMENATION LAB vibrator, Incubator 11 CONTROL AND INSTRUMENATION LAB Vibrator, Direct shear test, sieve shaker 12 DESIGN & DETALING OF STEEL STRUCTURE LAB Pulse code modulation, pulse code demodulation, PAM type division, Channel	2	ANALOG COMMUNICATION LAB	
3 BASIC ELECTRICAL LAB Resistive Load,Energy metr 4 BASIC ELECTRONICS LAB CRO, 10 mHz frequencyGenerates, DC power supply, Digital Multimeters, Bread Board, Power Supply 5 CHEMISTRY LAB Burrete, Beaker, Bunsen, Flask, Electronic balance, EDTA, iron tongue, measuri etc 6 CIVIL ENGINEERING DRAWING Drawing Tables, Chairs etc 7 COMMUNICATION ENGG. LAB Radiation pattern of Dipole, Yagi, Helical and Slot Antenna,Study of different blocks of colour TV 8 COMPUTER LAB-I IBM Server, Switch, Cisco Router, VXI thin client, printer 9 COMPUTER LAB-II Server, Computer, Switch, Printers etc 10 CONCRETE & STRUCTURAL ENGG. LAB 42.25 Cube Mould 11 CONTROL AND INSTRUMENATION LAB Vorangetion Factor, Double ditillation,Shaker cum vibrator,Incubator 12 DESIGN & DETALING OF STEEL STRUCTURE LAB Compaction factor, Direct shear test, sieve shaker			
4 BASIC ELECTRONICS LAB CRO, 10 mHz frequencyGenerates, DC power supply, Digital Multimeters, Bread Board, Power Supply 5 CHEMISTRY LAB Burrete, Beaker, Bunsen, Flask, Electronic balance, EDTA, iron tongue, measuri etc 6 CIVIL ENGINEERING DRAWING Drawing Tables, Chairs etc 7 COMMUNICATION ENGG. LAB Radiation pattern of Dipole, Yagi, Helical and Slot Antenna,Study of different blocks of colour TV 8 COMPUTER LAB-I IBM Server, Switch, Cisco Router, VXI thin client, printer 9 COMPUTER LAB-II Server, Computer, Switch, Printers etc 10 CONCRETE & STRUCTURAL ENGG. LAB 42.25 Cube Mould 11 CONTROL AND INSTRUMENATION LAB Vibrator,Incubator 12 DESIGN & DETALING OF STEEL STRUCTURE LAB Compaction factor, Direct shear test, sieve shaker			
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demodulation. PAM type division, Channel	12	DESIGN & DETALING OF STEEL STRUCTURE LAB	
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DSP Kit,8085 Microprocessor,(a)Study of	13		
			traffic controller, Addition and subtraction of
14 DIGITAL SIGNAL PROCESSING 16 bit numb	14	DIGITAL SIGNAL PROCESSING	
Motor Generator Set AC to DC, Motor			
Generator Set DC to AC, Variacs, DC Shunt			
15 ELECT. MACHINE Motor	15	ELECT. MACHINE	
Induction Motor ,DC Shunt Motor,Speed			
Control,Speed Controller ,Determination of			
16 ELECTRICAL DRIVES LAB Three Phase Squirrel	16	ELECTRICAL DRIVES LAB	

		DC shunt motor, transformer, Rheostats,
17	ELECTRICAL MACHINE LAB	Variac, AC DC dist. panel, regulator, wattmeter etc
17		5 HP DC Shunt motor,3 Phase Variable
		inductive load,3 HP / 3f / Synchronous
18	ELECTRICAL MACHINE LAB-II	Motor, 3f Autotransformer
		Single phase energy Meter, Dynamometer
19	EMMI LAB	power factor meter, Kelvin's double Bridge
20	ENGINEERING DRAWING LAB	Drawing Table, Chairs etc
		Electronic Analytical lance, Electronics Table
		Top weighing Scale, COD, Nephelo, BDI-81,
21	ENVIORNMENTAL ENGINEERING LAB	Vayobadhan
		Sieve Shaker, Compaction Test Apt, Direct
		Shear Test Apt, Triaxial Outfit, Motorised with
22	GEOTECHNICAL ENGINEERING LAB	Electronic Me
		Study of fuel injection system of diesel a
23	HEAT POWER LAB	engine, Analysis of exhaust gas of automobile
		Thermal conductivity, Heat transfer through
24		Natural Convection, Performance analysis of
24	HEAT TRANSFER	Centrifugal / Matacontris Hoight Popoulis Appt Orifica
		Metacentric Height,Benoulis Appt,Orifice meter,Kaplan turbine, Bourdon meter,
25	HYDRAULIC LAB	Francis Turbine etc
23		DC Motor Variable Speed ,Multistage
		Centrifugal Pump Test Rig,Centrifugal Pumps
26	HYDRAULICS LAB	In Series & Parallel
		Load test on variable compression ratio S.I
		engine,Load test and heat balance on 2
27	IC ENGINE LAB	stroke S.I engin
		Model of TwoStroke Petrol Engine
		Cycle, Model of Four Stroke Diesel
28	IENGINE LAB	Cycle, Working Model of Four Strok
29	LANGUAGE LAB	IBM PC, Software, headphones
20		Computers, Software, Head Phone, Projector
30	LANUAGE LAB-II	etc Earcad V/bratians of awayiyalatSprog mass
		Forced Vbrations of ewquivaletSprng-mass system (Cantiliver) of single and twp rotor
		system, Torsinal vibrations of single and two
		rotor system, CAM Analysis apparaturs ,
		Whirling of shaft apparatus Moment of
31	MACHINE DESIGN & SIMULATION	Inertia apparatus
		Water absorpation, Tensile strength,
		compression testing, Appt soundness, appt.
32	MATERIAL TESTING LAB	gravity etc
		Ckt Trainer, LCR Q meter Caddo, Maxwell's
33	MEASUREMENT LAB	Inductance, Schereing bridge, Meas. B-H

		curve etc
34	MECHANICAL ENGG. LAB	Fly wheel, Coplanner force, 2 st.& 4 st. petrol Engiene,2 st.& 4 st.diesel Engiene, Hardness tester
54		
35	MECHANICAL MEASURMENT LAB	Rota meter test rig, Pneumatic trainer kit, Hydraulic trainer kit, vibration measuring
36	MICROPROCESSOR&MICROCONTROLLER LAB	8086 micro processor trainer,STUDY OF 8279,Channel ADC interface board,Stepper Motor Controller
37	NETWORK DEVICES LAB	Series & parallel Resonance, Thevnin's Theorem Study- Norton Theorem, Power measurment etc
38	OPERATING SYSTEM LAB	Softwares, System-30 nos.
39	PHYSICS LAB	Telescope, Barton's Appt, Microscope, Spectometer,Newton's ring, Hall effect,Photo immission etc
40	POWER ELECTRONICS LAB	UJT triggering circuit,controlled triggering circuit,rectifier circuit,controlled rectifier circuits
41	POWER SYSTEM LAB	IDMT over current relay, Model artificail transmission, insulation of iol testing set, digital multi
42	PRODUCTION & MACHINE DYNAMICS	Experiment on epicyclic gear train,gyroscopic test rig,Determination ,Determinof natural frequencies
43	REFRIGERATION AND AIR CONDITION LAB	Refrigeration test rig Vapor compression, Refrigerationtest rig vapor Absorption, air conditioning r
44	SURVEYING	Verenier, Dumpy level, Auto level, apid moisture, AIM levelling, prismatic compass etc
45	TRANSPORTATION ENGINEERING LAB	Deter of los Angeles Abrasion, Dete of Ductility Value, Proving ring, Penetrati Value, HA50.80
46	VLSI DESIGN LAB	Universal VLSI trainer, PIGGY bag, Xilinx spartan XC 3S50 FPGA module
47	WORKSHOP, MACHINE SHOP & FABRICATION	Lathe, Milling, shaping, grinding, welding, Bench vice, Co2 Cyllinder, 8 dia 3 jaw chuck, etc

SPORTS FACILITY

















Teaching Learning Process

The institution prepares and distributes an academic calendar well in advance of the commencement of the academic year. To ensure that academic tasks are completed ontime, the institute creates its own academic calendar that corresponds with the university calendar.

The institute academic calendar is planned in accordance with the institutes academic calendar. It gives specific information about the schedule of various co-curricular andextracurricular activities such as Guest lecture, FDP, seminar, workshop, NSS, NCC, Athletic meet, etc. The academic calendar is circulated among the students and faculty members by HOD. It is mandatory for students and faculty to adhere to the academic calendar for the successful completion of the academic activities.

Interactive teaching techniques have a greater impact than passive teaching techniques due to their higher rate of learning retention. Faculty members in the institute prepare subject handouts containing the list of formulae, a question bank comprising previous question papers and teaching with the aid of smart class rooms, LCD projectors i.e., ICT Facilities, live demonstration of the subject contents is shown in the laboratory. As a result, faculty members employ the activities in place of traditional classroom instruction to improve student learning.

Impact and Benefits of various Pedagogies

- Student gets motivated.
- Learning experiences is enhanced.
- Learning environment expanded.
- Promotes to develop team-work and communication skills.
- Promote student-faculty member interaction.
- Develop higher-level thinking, self-management and leadership skills.
- Understanding of the course with diverse prospective is increased.

Methodology to support academically weak and encourage bright Students

- Bright and Weak students are identified based on their performance in the class test, quiz test, assignment, end semester assessments, laboratory performance and lab tests.
- To improve performance of the weak students by conducting extra classes and periodical counselling sessions are carried out.

Quality of Classroom Teaching

- Each classroom is spacious and equipped with white board and LCD projector to create a better ambience for effective teaching learning environment.
- Faculty member uses various ICT-based learning methods. For examples NPTEL lectures, video lectures and PPT, etc.
- Each faculty member follows the lesson plan for classroom teaching.
- During the lecture, faculty take efforts to keep students engaged by reviewing and asking questions of previous class lecture and interactively deliver the lecture planned for the day.

- At the end of the lecture, students are encouraged to summarize the content and ask doubts if any.
- Regular assignments are given and evaluated by the faculty member.
- Faculty member maintain attendance of students in their attendance registers.
- Teaching methodologies are monitored continuously by HOD and Dean Academics.

Conduct of Experiments

- The institute has various laboratories which are equipped with equipments, Computers and Tools. This helps the students to perform their experiments in an effective way.
- Lab courses are handled by two faculty members for a group of 30-35 students, further, they are divided into small groups not more than four students.
- The total number of experiments in the laboratory course is divided into two cycles (Cycle 1 and Cycle 2). This process of dividing the experiments into two groups is practiced to make the teaching learning process more effective.
- Lab Manuals are designed based on the university curriculum and are available in respective laboratories.
- Knowledge of students is periodically checked by conducting viva voce/quiz and lab test in the laboratory class.
- In addition to the experiments mentioned in the curriculum, faculty members add a few experiments to meet the industry demand.
- Project Based Learning is introduced by the institute to encourage students to design mini projects in a group.

Assignment/ Quiz Test and Surprise Test

Daily assignment review taken place by teachers and concerned HoD with a systematic plan. The regular quiz and surprise tests are documented in a well planned method.

	Student List of 5 years											
	Course wise admission for last 5 years											
SI No	Course	Branch	Intake in 2019- 20	Admitted in 2019- 20	Intake in 2020- 21	Admitted in 2020- 21	Intake in 2021- 22	Admitted in 2021- 22	Intake in 2022- 23	Admitted in 2022- 23	Intake in 2023- 24	Admitted in 2023- 24
					Un	der Gradua	ate level					
	CSE 60 51 60 54 60 60 120 118 180 180											
		ECE	30	17	30	16	30	22	30	19	30	20
1	B Tech	EE	60	36	60	39	60	35	60	39	60	30
1	Blech	EEE	30	20	30	18	30	20	30	15	30	16
		ME	120	85	120	74	120	65	120	62	60	36
		CE	120	65	120	61	120	62	60	38	60	37
					Ро	st Graduat	e Level					
2	MCA	*MCA	0	0	0	0	0	0	120	71	120	78
3	MBA	MBA	120	69	120	63	120	68	120	64	120	75
	M.Tech	CE	30	18	30	21	30	22	30	20	30	17
Diploma Level												
5	Diploma	Civil	60	31	60	33	60	50	60	30	60	33
		CSE	60	41	60	38	60	56	60	58	60	60
		EE	60	34	60	55	60	54	60	50	60	58
		Mech	60	42	60	56	60	60	60	55	60	59
		Mining	60	33	60	31	60	37	60	31	60	27

*MCA started in the year 2022