

## MANDATORY DISCLOSURE

1. **Name and address of the Institute:** **HI TECH INSTITUTE OF TECHNOLOGY**  
**Industrial Estate Khurda, Near NH-16, Behind Reliance**  
**Petrol Pump, Khurda, Odisha-752057**
2. **Name and address of the trust:** **Kunja Binodini Charitable Trust**  
**A/173, Saheednagar, Bhubaneswar,**  
**Khurda, Odisha, 751007**
3. **Name and Address of the Principal:** **Dr. Jaykrushna Moharana**  
**Deulasahi, Baripada, Mayurbhanj, Odisha, 757001**  
**Ph: 9437926021**  
**Mail: [principal@hit.ac.in](mailto:principal@hit.ac.in)**
4. **Name and Address of the affiliating University:** **Biju Patnaik University of Technology**  
**Chhend Colony, Rourkela, Odisha-76900**
5. **Name of Address of approval Authority:** **All India Council for Technical Education (AICTE)**  
**Nelson Mandela Marg, Vasant Kunj, New Delhi-110070**

### **6 Vision and Mission of the Institute:**

#### **Vision**

To be a premier institution that fosters innovation, excellence, and industry-aligned education in science and technology. We strive to empower students with knowledge, skills, and ethical values to contribute meaningfully to society and global advancements.

#### **Mission**

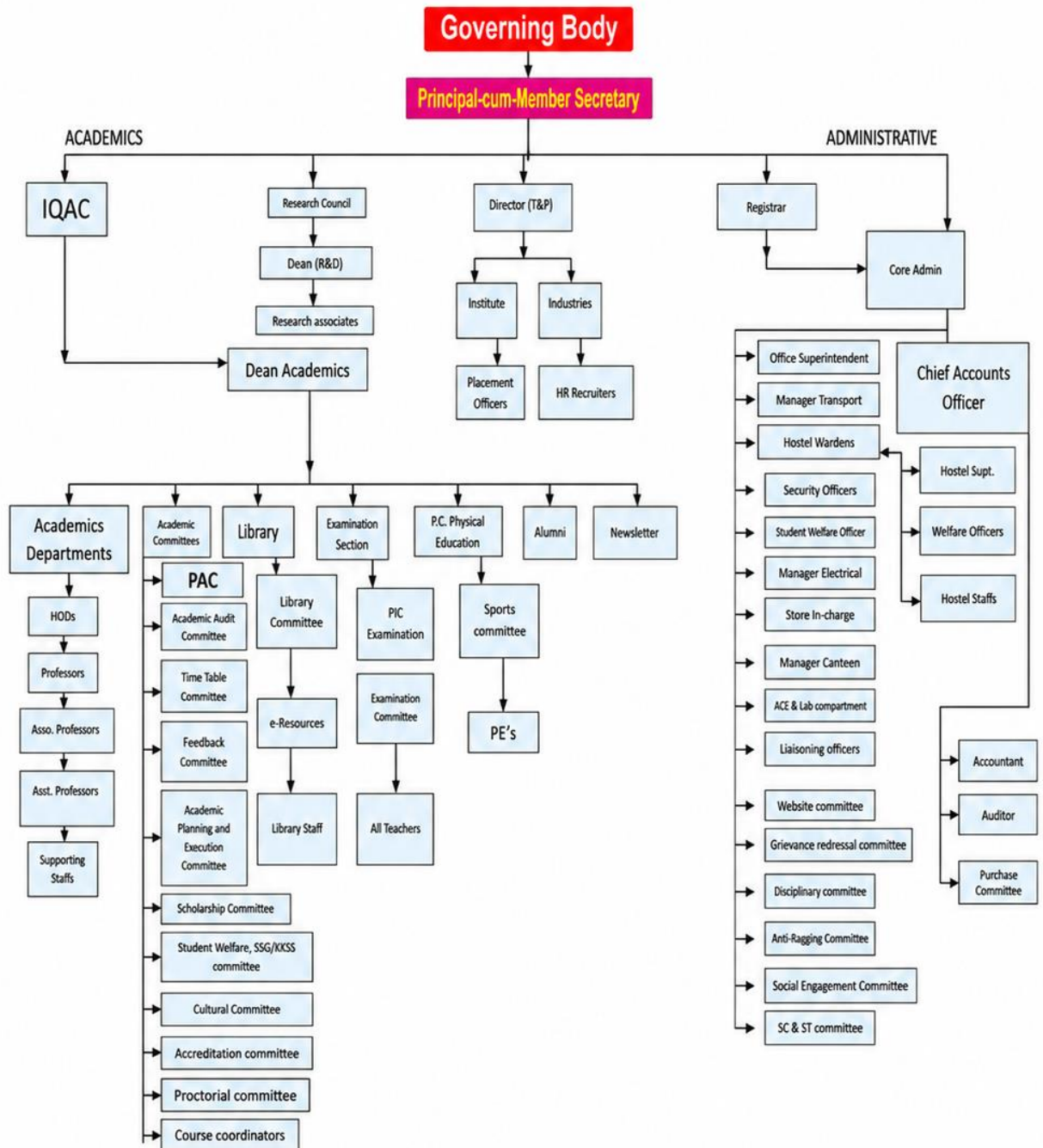
- To provide high-quality, affordable technical education through cutting-edge curriculum and innovative teaching methodologies.
- To cultivate a research-driven academic environment that encourages creativity, problem-solving, and technological breakthroughs.
- To establish strong collaborations with industries and research organizations to bridge the gap between academia and real-world applications.
- To nurture students with leadership skills, professional ethics, and social responsibility, preparing them to excel in a dynamic global landscape.
- To continuously upgrade infrastructure, teaching methodologies, and faculty development programs to stay ahead in the field of education.

**ORGANISATION CHART**



# HI-TECH INSTITUTE OF TECHNOLOGY KHURDA

## ORGANISATIONAL STRUCTURE



## 7 Governance

### ❖ Governing Body

Sl.No	Name of the Member	Position in the GB
1	Sri Tirupati Chowdary	Chairman
2	Sri Madhusudan Panigrahi	Member
3	Er.Santosh Kumar Chowdary	Member
5	Nominee from BPUT, Affiliating University	Member(To be nominated)
6	Nominee from Govt. of Odisha, SDTE Dept.	Member(To be nominated)
7	Nominee from AICTE	Member(To be nominated)
8	Mr. Rashmi Ranjan Jena	Industrialist member
9	Prof. Abhijeet Gupta	Staff Representative
10	Prof.(Dr.) Jayakrushna Moharana	Principal

### ❖ Academic Council

S.N O	CATEGORY	DESIGNATION	NAME
1	Chairperson	Principal	Dr. Jayakrushna Moharana
2	Member Secretary	Dean Academics	Dr. Amarendra Harichandan
3	HOD of All Department	HOD-CE	Dr. Amarendra Harichandan
4		HOD-CSE	Prof. Subash Chandra Khilar
5		HOD-EE	Prof. Sarat Kumar Das
6		HOD-ME	Prof. Debashis Mishra
7		HOD-BSH	Prof. Sonali S.Parida
8		HOD-MBA	Prof. Avinash Mohanty

❖ **Constitution of Anti- Ragging Committee**

SL NO	Name	Designation	Mobile Number	Mail ID
1	Prof. (Dr.) Jayakrushna Moharana	Chairman	9437926021	principal@hit.ac.in
2	Dr.Amarendra Harichandan	Dean of Academic	7978902775	harichandan.amarendra@gmail.com
3	Prof.(Dr) S.R Mohapatra	Representative BPUT	9437926021	mohapatra.sr@gmail.com
4	Mr. D.P. Mohanty	Spl Secretary, Dept. Of Industries-Representative Govt of Odisha	9348001765	mohanty.dp@gmail.com
5	Representative of Inspector local Police Station (Ganesh Chandra Swain)	Inspector	9437308301	Ganeshchandra2000@gmail.com
6	Mr. Kodanda Pani	Biswajeevanseva Sangha, NGO	9437286593	Vjsa_khordha@yahoo.co.in
8	Prof. Sarat Kumar Das	HOD	8280127849	hodee@hit.ac.in
9	Er. Dablu Bauri	Prof.incharge Hostel	6299937816	dablu.bauri@gmail.com
10	Mr.Anil Mohapatra	Hostel Superintendent (B.H)	8144856219	anilmohapatra79@gmail.com
11	Prof.Sonali Subhrajyoti Parida	Hostel Superintendent (G.H)	8249481243	hodbsc@hit.ac.in
12	Mr. Gurudev Nayak	Student 2 <sup>nd</sup> year B.Tech Computer Science & Engg.	7846882484	n.gurudev1477@gmail.com
13	Prof. Avinash Mohanty	HOD	8917514145	sourav.mishra69@gmail.com

❖ **Grievance Redressal Committee**

SL No	Name	Designation	Mobile Number	Mail ID
1	Prof. (Dr.) Jayakrushna Moharana	Chair Person	9437926021	principal@hit.ac.in
2	Dr. Amarendra Harichandan	Member	7978902775	harichandan.amarendra@gmail.com
3	Prof. Sarat Kumar Das	Member	8280127849	hodee@hit.ac.in
4	Prof.Saroj Kumar Mallick	Member	7978404535	sarojkumarmallick2025@gmail.com
5	Prof. Nirakar Das	Member	9437324029	nirakardas2344@gmail.com
6	Prof. Debasish Mishra	Member	8260773310	milan.deba@gmail.com
7	Prof. Susanta Sethi	Member	7377913130	susantas958@gmail.com
8	Prof.(Ms.) Sonali Mohapatra	Member	9692358435	sonalimohapatra8888@gmail.com
9	Prof. Sagarika Padhiary	Member	7978742667	<a href="mailto:sagarika.padhiary96@gmail.com">sagarika.padhiary96@gmail.com</a>
10	Mr. Anil Kumar Mohapatra	Member	8144856219	anilmohapatra79@gmail.com
11	Mr. Gurudev Nayak	Student member	7846882484	n.gurudev1477@gmail.com

❖ **Establishment of Committee for SC/ST**

Sl No	Name	Designation	Mobile Number	Mail ID
1	Prof.(Dr.)Jayakrushna Moharana	Chairman	9437926021	principal@hit.ac.in
2	Prof. Sarat Kumar Das	Member	8280127849	hodee@hit.ac.in
3	Prof. Sagarika Padhiary	Member	7978742667	<a href="mailto:sagarika.padhiary96@gmail.com">sagarika.padhiary96@gmail.com</a>
4	Prof. (Mr)Susanta Sethy	Member	7377913130	susantas958@gmail.com
5	Prof. (Ms.) Jayashree Sau	Member	8144085283	saujayshree777@gmail.com
6	Prof. Prabhas Kumar Mishra	Member	9556504995	<a href="mailto:prabhas.mishra92@hit.ac.in">prabhas.mishra92@hit.ac.in</a>
7	Prof.Sonali S Parida	Member	8249481243	hodbsc@hit.ac.in
8	Prof. Mousumi Behera	Member	7735459649	mousumibehera282@gmail.com

❖ **Internal Quality Assurance Cell**

SL No	Name	Designation	Mobile Number	Mail ID
1	Prof. (Dr.) Jayakrushna Moharana	Chairman	9178109856	principal@hit.ac.in
2	Prof. Satish Ranjan Dhar	Co-ordinator	7978541707	satishdhar1060@gmail.com
3	Prof. Sagarika Padhiary	Member	7978742667	<a href="mailto:sagarika.padhiary96@gmail.com">sagarika.padhiary96@gmail.com</a>
4	Prof. Saroj Kumar Mallick	Member	7978404535	sarojkumarmallick2025@gmail.com
5	Prof. Mousumi Behera	Member	7735459649	mousumibehera282@gmail.com
6	Prof. Sourav Kumar Mishra	Member	8917514145	sourav.mishra69@gmail.com
7	Prof. Sonali Mohapatra	Member	9692358435	sonalimohapatra8888@gmail.com
8	Dr.Amarandra Harichandan	Member	7978902775	harichandan.amarendra@gmail.com
9	Mrs. Sangeeta Mahapatra	Member	6370879351	sangeetamahapatra0000@gmail.com

❖ **Internal Complaint Committee**

Sl No.	Name	Committee Position	Contact No.
1	Prof. Preeti Parna Panda	Presiding officer	7008527878
2	Prof. Sagarika Padhiary	Member(Teaching)	7978742667
3	Prof. Sonali S Parida	Member(Teaching)	8249481243
4	Prof. Prabhas Mishra	Member(Teaching)	7978742667
5	Prof. Nirakar Das	Member(Teaching)	9437324029
6	Ms.Monalisha Nayak	Member(Non-Teaching)	9692831856
7	Mr.Prakash Ch. Muduli	Member(Non-Teaching)	9178097394
8	Mrs. Niharika Panda	External Member	9868906435
9	Ms.Harapriya Mishra	Student Member	6370586776
10	Ms.Priyadarshini Paikray	Student Member	9040546643
11	Ms. Aparajita Bhoi	Student Member	70779075942

## 8. Programme Details:

### ❖ Course Details:

Sl.No	Program me Name	Branch Name	Duratio n (Years)	Number of Seats	Cut off marksfor admission
1	B-Tech	CSE	4	60	As Per AICTE Guidelines
2	B-Tech	CE	4	160	
3	B-Tech	EE	4	60	
4	B-Tech	ME	4	120	
5	MBA	MBA	2	60	
6	IMBA	MBA	5	60	
7	M.TECH	STRUCTURAL ENGINEERING	2	18	
8	M.TECH	COMPUTER SCIENCE &ENGINEERING	2	09	
9	M.TECH	POWER ELECTRONICS & DRIVES	2	09	
10	M.TECH	VLSI & EMBEDDED SYSTEMS DESIGN	2	09	

### ❖ Course fee:

Sl No	Program me	Branch	Tuition Fees/Year	Time schedul e for payment of Fee
1	B.TECH	CSE	64000.00	At the starting of Academic year
2	B.TECH	CE	64000.00	
3	B.TECH	EE	64000.00	
4	B.TECH	ME	64000.00	
5	M.TECH	STRUCTURAL ENGINEERING	50000.00	
6	M.TECH	COMPUTER SCIENCE & ENGINGEERING	50000.00	
7	M.TECH	POWER ELECTRONICS & DRIVES	50000.00	
8	M.TECH	VLSI & EMBEDDED SYSTEMS DESIGN	50000.00	
9	MBA	MBA	63000.00	
10	IMBA	MBA	45000.00	

### ❖ Placement details of students in the last 3years

AcademicYear	No of students Enrolled	No of students placed
2025-26	250	47
2024-25	264	63
2023-24	188	40

## 9.Accreditation Status:

### ❖ NBA Accreditation Status:

1	Name/List of Programmes / Courses Accredited	No
2	Applied for Accreditation	No
	A. Applied but Visit not happened	NA
	B. Visit happened but result awaited	NA
3	List of programmes/courses Not Applied	NA

❖ **NAAC Accreditation Status:**

1	Name/List of Programme/Courses Accredited	No
2	Applied for Accreditation	No
	A. Applied but Visit not happened	NA
	B. Visit happened but result awaited	NA
3	List of programmes/courses Not Applied	NA

**10. Faculty**

Sl No	Name of the Faculty	Designation	Qualification	Department	Date of Joining
1	Dr. Amarendra Harichandan	Asso. Prof.	Ph.D.	CE	02-08-2016
2	Er. Jogendra Kumar Biswal	Adjunct Prof.	Adv Diploma in Environment	CE	10-03-2025
3	Prof. Sagarika Padhiary	Asst.Prof.	M.Tech	CE	08-09-2019
4	Prof. Jubaraj Sahu	Asst.Prof.	M.Tech	CE	19-01-2022
5	Prof. Kamakshya Prasad Sahoo	Asst.Prof.	M.Tech	CE	17-07-2017
6	Prof. Jitendra Kumar Sahu	Asst.Prof.	M.Tech	CE	10-09-2025
7	Prof. Ranjan Nag	Asst.Prof.	M.Tech	CE	10-03-2025
8	Prof. Subhashree Priyadarsini Mantry	Asst.Prof.	M.Tech	CE	30-04-2025
9	Prof. Sarbasri Sahoo	Asst.Prof.	M.Tech	CSE	02-01-2023
10	Prof. Sonali Mohapatra	Asst.Prof.	M.C.A.	CSE	03-10-2025
11	Prof. Bipinbihari Paikaray	Asst.Prof.	M.Tech	CSE	04-08-2024
12	Prof. Sandip Kumar Biswal	Asst.Prof.	M.Tech	CSE	04-08-2024
13	Prof. Ashok Khandai	Asst.Prof.	M.Tech	CSE	04-08-2024
14	Prof. Mousumi Behera	Asst.Prof.	M.C.A.	CSE	10-09-2025
15	Prof. Khukesh Sahoo	Asst.Prof.	M.C.A.	CSE	23-07-2025
16	Prof. Subash Chandra Khillar	Asst.Prof.	M.C.A.	CSE	23-03-2025
17	Prof. Hemananda Biswal	Asst.Prof.	M.C.A.	CSE	03-04-2024
18	Dr. Preeti Parna Panda	Professor	Ph.D.	CSE	10-12-2008
19	Dr. Sudhansu Sekhar Sahoo	Asso.Prof.	Ph.D.	EE	09-03-2024
20	Dr. Jayakrushna Moharana	Professor	Ph.D.	EE	02-03-2024
21	Dr. Santosh Kumar Chowdary	Professor	Ph.D.	EE	01-02-2017
22	Er. Prabodh Kumar Kurmi	Professor of Practice	B.Tech	EE	10-03-2025
23	Er. Sanjay Kumar Kabi	Adjunct Professor	B.Tech	EE	10-03-2025
24	Prof. Mohan Kumar Behera	Asst.Prof.	M.Tech	EE	09-07-2020
25	Prof. Supriya Dash	Asst.Prof.	M.Tech	EE	08-01-2024
26	Prof. Rashmi Rekha Pal	Asst.Prof.	M.Tech	EE	01-03-2022
27	Prof. Sarat Kumar Das	Asst.Prof.	M.Tech	EE	14-08-2012
28	Prof. Satish Ranjan Dhar	Asst.Prof.	M.Tech	EE	01-09-2025
29	Prof. Sushree S. Mohapatra	Asst.Prof.	M.Tech	EE	07-09-2024
30	Prof. Abhijeet Gupta	Asst.Prof.	M.Tech	ME	01-06-2016
31	Dr. Abhijit Mohanty	Professor	Ph.D.	ME	19-09-2024
32	Dr. Abhinab Das	Asso. Prof.	Ph.D.	ME	09-02-2024
33	Prof. Prabhas Kumar Mishra	Asst.Prof.	M.Tech	ME	07-07-2017
34	Prof. Chandan Hembram	Asst.Prof.	M.Tech	ME	21-08-2024
35	Prof. Khagapati Harijan	Asst.Prof.	M.Tech	ME	26-08-2024
36	Prof. Kalinga Kumar Behera	Asst.Prof.	M.Tech	ME	26-08-2024
37	Prof. Debasish Mishra	Asst.Prof.	M.Tech	ME	02-01-2024
38	Prof. Subhasisha Behera	Asst.Prof.	M.Tech	ME	07-07-2017
39	Prof. Gyanaranjan Khatua	Asst.Prof.	M.Tech	ME	09-09-2011
40	Prof. Sitakanta Pradhan	Asst.Prof.	M.Tech	ME	02-05-2018

41	Dr. Ranjit Kumar Nayak	Professor	Ph.D.	BSH	09-10-2024
42	Dr. Pramod Kumar Samal	Professor	Ph.D.	BSH	09-10-2024
43	Prof. Chinmaya Sekhar Das	Asst.Prof.	M.Sc	BSH	10-06-2023
44	Prof. Nirakar Das	Asst.Prof.	M.Sc	BSH	08-04-2015
45	Prof. Parthasarathi Kund	Asst.Prof.	M.Sc	BSH	16-05-2024
46	Prof. Arajit Kanungo	Asst.Prof.	M.Sc	BSH	04-08-2024
47	Prof. Sonali Subhajyoti Parida	Asst.Prof.	M.Sc	BSH	20-07-2023
48	Prof. Barsha Pattanaik	Asst.Prof.	M.Sc	BSH	22-07-2025
49	Dr. Sailendra Lenka	Asso. Prof.	Ph.D.	MBA	20-09-2024
50	Dr. Sunil Pradhan	Asst.Prof.	Ph.D.	MBA	11-01-2024
51	Prof. Sourav Kumar Mishra	Asst.Prof.	MBA	MBA	16-12-2021
52	Prof. Avinash Mohanty	Asst.Prof.	MBA	MBA	09-01-2018
53	Prof. Nikita Mangaraj	Asst.Prof.	MBA	MBA	18-03-2022
54	Prof. Avisek Lenka	Asst.Prof.	MBA	MBA	27-04-2025

## 11. Profile of Principal

Principal name	:	Jayakrushna Moharana
Father name	:	Late Nath Moharana
Mother name	:	Late Radhika Moharana
Email id	:	principal@hit.ac.in
Alternate email	:	
City/village	:	Baripada
District	:	Mayurbhanj
Address line1	:	Deulasahi
Address line2	:	Baripada
Pine code	:	757001
Std code	:	
Gender	:	Male
Date of birth	:	17/06/1964
Exact designation	:	Principal
Date of appointment	:	02/03/2026
Appointment type	:	Regular
Master degree	:	ME
Doctorate degree	:	Yes
Bachelor degree	:	AMIE in Electrical Engineering
Other qualification	:	MBA,LLB
Field of specialization	:	Power Electronics and Power Systems
Research experience in years	:	0
Teaching experience in years	:	30
Industry experience in years	:	0
Total experience in years	:	30

## 12. Admission System

**i. Procedure for Admission B.Tech, M.Tech, MBA & IMBA:** Admission in to various programmes of Hi-Tech Institute of Technology is controlled by Odisha Joint Entrance Examination (OJEE) and as per the rules and regulations formed by Government of Odisha. The students are admitted through the entrance examination and counselling conducted by OJEE. For more details about the admission procedure OJEE website can be referred <https://ojee.nic.in>.

**ii. Admission Status on 2025-26:**

Sl. No	Programme	Branch	Seats Sanctioned	Admission in (2025-26)	Admission under Management Quota
1	B-Tech	CE	60	12	No admissions are done under management quota
2	B-Tech	CSE	60	51	
3	B-Tech	EE	60	15	
4	B-Tech	ME	120	12	
5	M-Tech	CSE	9	0	
6	M-Tech	PED	9	0	
7	M-Tech	SE	18	2	
8	M-Tech	VLSI & ESD	9	2	
9	MBA	MBA	60	44	
10	IMBA	IMBA	60	15	

**13. Information of Infrastructure**

Sl No	Type of Infrastructure	Total Numbers available	Total Area (Sq Mtr)
1	Class room	35	2292
2	Tutorial room	14	660
3	Laboratory	41	6686
4	Drawing hall	2	404.94
5	Workshop	8	1222
6	Computer center	2	274.7
7	Seminar hall	9	1567
8	Library & reading room	2	500
9	Faculty room	6	161
10	Placement office	1	52
11	Girls common room	1	100
12	Boys common room	1	100
13	Principal office	1	53.53
14	Director Chamber	1	23.45

**14. Library Facilities Details**

Working hours from	:	08:00 to 20:00
Volume of books	:	22227
Title	:	4310
Name of E-journal subscription	:	AJCST
Current annual	:	45000
Total library area in	:	556
No of multimedia	:	1
Reading room seating capacity	:	100
Library	:	NO
Reprographic	:	YES
Bar code or RF tab book	:	NO
Library management	:	NO
Scanning facility in the library	:	YES

## 15.LABORATORY DETAILS

	Laboratory Name	Equipment Particulars
1	<b>Basic Mechanical Engineering Lab</b>	Water tube and fire tube boiler
		Coplanar force system
		Moment of inertia of flywheel
2	<b>Engineering Thermodynamics Lab</b>	Centrifugal/Axial flow compressor
		Joule-Thomson apparatus
		Cut section of single cylinder four stroke petrol engine
		Cut section of single cylinder four stroke diesel engine
		Cut section of single cylinder two stroke petrol engine
		Cut section of single cylinder two stroke diesel engine
3	<b>Fluid Mechanics &amp; Hydraulic Machines</b>	Meta centric Height Apparatus
		Burdon tube pressure gauge with U-tube Manometer
		Kaplan turbine test rig
		Coefficient of discharge V notch apparatus
		Impact of jet with all accessories
		Reciprocating pump test rig
		Centrifugal pump test rig
		Pelton wheel turbine
		Francis turbine test rig
		Bernoulli' s theorem apparatus
		Flow through orifice apparatus
4	<b>Heat Transfer Lab</b>	Composite slab apparatus

		Natural and forced convection heat transfer apparatus
		Parallel flow and counter flow heat exchanger
		Emissivity apparatus
		Heat transfer by fins apparatus
		Critical heat flux apparatus
		Steffen Boltzmann apparatus
<b>5</b>	<b>IC Engine Lab</b>	4-stroke single cylinder C.I. Engine
		Valve timing diagram of IC engine
		Morse test on IC engine
		Load test and heat balance on 2 stroke S.I. Engine
		Exhaust gas analysis apparatus
		Study of different cooling system in automobile
		Study of lubrication system of automobile
<b>6</b>	<b>Machine Dynamics Lab</b>	Hartnell Governor
		Static and dynamic balancing apparatus
		Damped vibration apparatus
<b>7</b>	<b>Mechanics Of Solid</b>	Universal testing machine (40T capacity)
		Fatigue testing Machine
		Impact testing machine
		Brinell & Rockwell hardness testing machine
		Spring testing machine
		Torsion testing machine
<b>8</b>	<b>Refrigeration &amp; Air Conditioning Lab</b>	Vapour compression refrigeration test rig

		Vapour absorption refrigeration test rig
		Window type air conditioning test rig
		Duct type air conditioning test rig
		Ice plant apparatus
		Heat pump apparatus
<b>9</b>	<b>Workshop</b>	Welding machine 260 Amp 1 Phase
		1" Drilling machine
		12" shaping machine
		200mm hydraulic hacksaw
		Bench Grinder
		Universal milling machine with other accessories
		1/2' lathe machine with other accessories
		1/2' lathe machine with other accessories
		4.5' bed Lathe machine
		4.5' bed Lathe machine
		4.5' bed Lathe machine
		4.5' bed Lathe machine
		4.5' bed Lathe machine
		Drilling machine
		Hydraulic hacksaw
		Bench grinder
		Fitting tools
		Sheet metal work tools

10	<b>Highway &amp; Traffic Engineering</b>	Crushing value of aggregate apparatus
		Impact value of aggregate test apparatus
		Ductility value of bitumen test apparatus
		Flankness index & elongation index test apparatus
		Flash & fire point test of bitumen test apparatus
		Loss angles abrasion value of aggregate apparatus
11	<b>Structural Engineering Lab</b>	Physical Balance Machine
		Electrical conductivity meter
		Distillation unit
		Oven
12	<b>Water Supply And Sanitary Engineering Lab</b>	BOD apparatus
		COD apparatus
		DO Meter
		PH Meter
13	<b>Surveying Lab</b>	Chain (30 mt)
		Ranging Rod (Heavy)
		Ranging Rod (Light)
		Prismatic Compass with Tripod Stand
		Plane Table with All Accessories
		Levelling Staff in Five Folds (5 mt)
		Transit Theodolite with Tripod Stand
		Dumpy level
14	<b>Design Of Concrete Structure And Material</b>	Slump Cone

**Testing Lab**

Metal Plate

Trowel

Tamping Rod

Compaction Factor Apparatus

Flow Table Apparatus

Mould

Concrete Mixer

Compression Testing Machine

Air Permeability Apparatus

Vicat Test Apparatus

Sieves

Liquid Limit Device

Plastic Limit Device

Shrinkage Limit Device

Core Cutter with Dolly

Direct Shear Test Apparatus

Triaxial Compression Test Apparatus

Unconfined Compression Test Apparatus

CBR Test Apparatus

Soil Permeability Test Apparatus

Electric Stirrer

Sieves

Water Bath

15	<b>Digital Signal Processing</b>	<p>TMS320C6713 Based DSP Trainer, SL-644</p> <p>TMS320C6713 Based DSP Trainer, SL-6713</p> <p>TMS320C6713 Based DSP Trainer, VSK-6748, SL-3</p> <p>TMS320C6748 Based DSP Trainer, SL No-4</p> <p>TMS320C6748 Based DSP Trainer, SL No-5</p> <p>TMS320C6748 Based DSP Trainer, SL No-6</p> <p>TMS320C6748 Based DSP Trainer, SL No-8</p> <p>TMS320C6748 Based DSP Trainer, SL No-8</p>
16	<b>Communication Engineering</b>	<p>Antenna Trainer Kit, Model-ST 2262</p> <p>Fiber Optics Trainer Kit</p> <p>Satellite Communication, Model-ST 2272</p> <p>Noise Figure of an Amplifier, Model-2205</p> <p>Doppler Radar Transceiver and Radar Data Acquisition Software</p> <p>Colour TV Receiver</p> <p>Laser Trainer, Model-2506</p> <p>Digital Storage Oscilloscope</p>
17	<b>Basic Electronics</b>	<p>Diode Trainer (TDT-04)</p> <p>Rectifier Study Trainer Module [TRT-05]</p> <p>BJT Transistor Module [TTT-01]</p> <p>Integrator &amp; Differentiator [TDIT-24]</p> <p>Digital/Logic IC Trainer</p> <p>(A) Micro Ampere Meter (0–100 Micro Ampere) (DC)</p> <p>(B) Milli Ampere Meter (0–30 mA) (DC)</p>

		Feedback Amplifier (TFAT-27)
		BJT Transistor Module [TTT-01]
		Diode Study Module
		Rectifier Study Trainer Module [TRT-05]
		BJT Transistor Module [TTT-01]
		Integrator & Differentiator [TDIT-24]
		Digital/Logic IC Trainer
		Universal Bread Board Trainer [VBBT-01]
		Aplab 20 MHz Dual Trace Oscilloscope, SL No-DI030SL0, 708247-52
		Aplab Digital Handheld Multimeter
		Aplab 2 MHz Function Generator, SL No-H003FGE0608271, 72, 78, 79, 80
		Differential Amplifier Trainer
		Universal Bread Board Trainer (Analog Cum Digital) Lab, SL No-09121513, 09121514, 09121515, 09121516, 09121517
		30 MHz Oscilloscope with Component Tester, SL No-09121333, 09121334
		DC Current Meter (Digital)
<b>18</b>	<b>Micro Processor &amp; Micro Controller</b>	8085 Microprocessor Trainer [MICRO-85-LC] LED, SL No-915, 914, 916, 899, 864, 917, 904
		Channel DAC Interface Board [VBMB-002], SL No-3250, 3259
		Stepper Motor Controller [VBMB-013A], SL No-2790, 2626
		Generator Square Wave on All Line of 8255 with Different Frequencies
		8085 Microprocessor Trainer Kit Model (MICRO-85 LCD) MICRO85EBLCD, SL No-674, 673, 677, 77, 678, 676
		Study of Stepper Motor & Its Operation (Stepper Motor Controller) [VBMB-013A], SL No-2624, 2793
		Study of Traffic Light Controller (Traffic Light Control System) [TRAF], SL No-2805, 2811, 2809

		Elevator Simulator Interface [VBMB-022], SL No-395, 398, 390
		8051 Microcontroller CMCS Family Microcontroller Trainer (MICRO-51EB), SL No-209, 204, 207, 208, 200, 201
		8086 Microprocessor Trainer Kit, SL No-3055, 3057, 3824, 3061, 3062, 3063
		ADC Converter Trainer Kit [VSTM-03], SL No-435, 442
		DAA Trainer Kit [VSTM-02], SL No-447, 467
<b>19</b>	<b>Analogue Electronic Circuit</b>	BJT Biasing Circuit Trainer
		Transistor Amplifier Trainer
		Feedback Amplifier Trainer
		JFET Biasing Circuit
		Square Wave Generator Using Op-Amp
		Measurement of Op-Amp Parameters
		Square Wave Generator Using Op-Amp
		BJT Biasing Circuit Trainer
		Transistor Amplifier Trainer
		Feedback Amplifier Trainer
		JFET Biasing Circuit
		Universal Bread Board Trainer
		30 MHz Dual Channel Analog Oscilloscope [OSO30]
		2 MHz Function Generator with Frequency Counter [FG-02]
		3¾ Digital Low Cost Handheld Multimeter [DMM-10]
		DSO-025C1-0316, 0390, 25 MHz 100 Mb/s Colour Digital Storage Oscilloscope with USB Interface & Software
	CRO	

		Function Generator
		Multimeter [VC-97], SL No-82, 83, 86, 79, 58, 88
		DC Current Meter (Digital)
<b>20</b>	<b>Digital Electronic Circuit</b>	Binary Adder/Subtractor [DB-08]
		Multiplexer Demultiplexer [DB-10]
		Flip Flop [DB-11]
		Shift Register [DB-12]
		4 Bit Synchronous Binary Counter [DB-13]
		4 Bit Binary Ripple Counter [DB-14]
		BNC to BNC Cable
		BNC to Crocodile Cable
		Universal Bread Board
		30 MHz Oscilloscope with Component Tester
<b>21</b>	<b>VLSI</b>	FPGATRainerKIT[ST-103]
<b>22</b>	<b>Basic Electrical Engineering Lab</b>	AC Ammeter (1 A–2 A)
		AC Ammeter (10 A–20 A)
		AC Voltmeter (0–300 V)
		AC Wattmeter (75/150/300 V, 0.5 A)
		Capacitive Load Box, 1-Phase
		Resistive Load Box, 1-Phase, 3 kW
		Cutter
		Energy Meter Panel
		Tester

		Fuse Box
		Fluorescent Lamp Trainer Kit
		Single Phase Fan Motor
		Rheostat 200 Ohm, 5 A
		Inductive Load Box, 1-Phase, 5 A
		LPF Wattmeter 2.5/5 A
		Megger 500 V
		Single Phase Variac 20 A
		Single phase Variac 10 A
		Plier
		Single Phase Transformer 230v/115,1 kVA
<b>23</b>	<b>Network Theory Lab</b>	Active Filter Trainer NV-6504
		Digital Multimeter
		Digital Multimeter
		DSO 25 MHz NB 102C
		Determination of Self Inductance and Mutual Inductance Trainer Kit
		Norton Theorem Trainer Kit
		Oscilloscope-08113253
		Norton's Theorem Trainer Kit
		Maximum Power Transfer Theorem Trainer Kit
		Series Parallel Resonance Trainer Kit
		DC/AC Transient Trainer Kit
		ABCD and H-Parameter Trainer Kit

		Low Pass High Pass Trainer Kit
		Two Port Network AB-90
		RLC Circuit Trainer Kit, NV-6515
		RC/RL Circuit Trainer Kit 65CA
		Reciprocity and Superposition Trainer Kit AB-83
		Z & Y Parameter Kit
		RLC Series and Parallel Resonance Trainer Kit AB-80
		Thevenin's Theorem Trainer Kit
		Superposition Theorem Trainer Kit
		Band Pass, Band Stop Filter Trainer Kit
		Kirchhoff's Law Trainer Kit, AB-59
24	<b>Electrical &amp; Electronics Measurement Lab</b>	AC Wattmeter (75/150/300 V, 0.5 A)
		Ballistic Galvanometer NV-6107
		Calibration of Ammeter by Potentiometer NV-6032
		Digital Multimeter
		Energy Meter Trainer NV-7025
		Kelvin Double Bridge AB-60
		Schering Bridge Trainer Kit AB-13
		Schmitt Trigger Comparator AB-45
		LPF Wattmeter 2.5/5 A
		LCR Meter Caddo 9302
		Maxwell Capacitance Bridge AB-11
		Maxwell Inductance Bridge AB-59

		Magnetic Hysteresis Curve Tracer NV-6108
		Oscilloscope-08113272
25	<b>Electrical Machine-I Lab</b>	Power Measurement by Two Wattmeter Method Trainer Kit NV-7005
		Spectrum Analyser with Track Generator 0811143, 8010TG
		AC Ammeter (1 A–2 A)
		AC Ammeter (10 A–20 A)
		AC Ammeter (15 A–30 A)
		AC Voltmeter (0–600 V)
		AC Voltmeter (75/150/300 V)
		AC Wattmeter (150/300/600 V, 2–5 A)
		AC/DC Distribution Panel
		DC Ammeter (2–5 A)
		DC Voltmeter (0–300 V)
		Digital Tachometer
		DC Compound Motor 3 HP, 12 A, 220 V
		Four Point Starter
		Three Point Starter
		DC Shunt Motor 3 HP, 12 A, 220 V
		DOL Starter
		Single Phase 1 KVA, 230 V Transformer
		Single Phase 1 KVA, 230 V Transformer
		Single Phase 1 KVA, 230 V Transformer
	DC Shunt Generator Motor Set 10 A, 2.2 kW	

		Three Point Starter
		3-Phase AC Squirrel Cage Induction Motor 3 HP (4–5 A)
		Star Delta Starter
		LPF Wattmeter 1/2 A
		UPF Wattmeter 2.5/5 A
		Analog Tachometer
		Field Regulator for DC Motor-Generator Set
		Field Regulator for DC Motor-Generator Set
		Loading Arrangement Compound and Squirrel Cage Induction Motor
		1-Phase Induction Motor Trainer Kit – 1 HP
		Slip Ring IM Trainer Kit with 5 HP
		3-Phase Synchronous Generator, 440 V, 1500 RPM
		3-Phase Synchronous Motor, 440 V, 1500 RPM
		Single Phase Variac 10 A
		Plier
		Rheostat 1200 Ohm, 0.9 A
		Rheostat 50 Ohm, 10 A
26	<b>Electrical Machine-II Lab &amp; Empd Lab</b>	AC Ammeter (10 A–20 A)
		AC Ammeter (15 A–30 A)
		AC Voltmeter (0–600 V)
		AC Voltmeter (150–300 V)
		AC Wattmeter (150/300/600 V, 2–5 A)
		DC Ammeter (15–30 A)

		DOL Starter
		Power Factor Meter 1/2 A
		1-Phase Induction Motor Trainer Kit – 1 HP
		3-Phase, 440 V Salient Pole Alternator
		3-Phase, 440 V Salient Pole Synchronous Motor
		3-Phase, 3 HP IM with Mechanical Load
		Plier
		Rheostat 750 Ohm, 1.2 A
		Single Phase 1 KVA, 230 V Transformer
		Single Phase 1 KVA, 230 V Transformer
		Single Phase 1 KVA, 230 V Transformer
		Rheostat 100 Ohm, 2 A
		3-Phase, 3 HP IM with Variable Frequency Drive Trainer Kit
		4 KVA, 220 V DC Generator Motor Set
		3-Phase, 3 HP IM with Brake Load
		3 KW, 440 V, 1500 RPM Alternator
		3 KW, 440 V, 1500 RPM Alternator
		3-Phase, 440 V 1500 RPM IM with Mechanical Load
		3-Phase, 440 V 1500 RPM IM with Mechanical Load
		3-Phase, 440 V 1500 RPM IM with Mechanical Load
		3-Phase, 440 V 1500 RPM IM with Mechanical Load
27	<b>Power Electronics Lab</b>	Digital Multimeter
		Digital Multimeter

		DSO 25 MHz NB 102C
		Oscilloscope-08113274
		Single Phase Full Wave AC to DC Converter Trainer Kit
		VI Characteristics of SCR
		VI Characteristics of TRIAC
		VI Characteristics of MOSFET
		VI Characteristics of IGBT
		Single Phase Half Wave AC to DC Converter Trainer Kit
		Single Phase AC to DC Semi Converter Trainer Kit
		Three Phase AC to DC Semi Converter Trainer Kit
		Single Phase PWM Inverter Trainer Kit
		Buck Converter
		Boost Converter
		Phase Shift Oscillator
		Single Phase Full Wave AC to DC Converter Trainer Kit
<b>28</b>	<b>Electrical Drives Lab</b>	Plier
		Oscilloscope-08113275
		Single Phase Fully Controlled AC to DC Converter Trainer Kit with DC Shunt Motor
		Four Quadrant Chopper Trainer Kit with DC Shunt Motor
		Dual Converter Trainer Kit with DC Shunt Motor
		Three Phase AC to DC Converter with DC Shunt Motor
		Three Phase Inverter Trainer Kit with 3 HP Induction Motor
		Digital Multimeter

		Digital Multimeter
		Three Phase AC to DC Converter Trainer Kit with DC Shunt Motor
		Three Phase AC to DC Converter Trainer Kit with DC Shunt Motor
		Slip Ring Induction Motor Trainer Kit with 5 HP IM
29	<b>Power System Lab &amp; Eptd Lab</b>	Transformer Oil Test Trainer Kit
		Three Phase Transmission Line Model Trainer Kit
		Three Phase Transmission Line Model Trainer Kit
		UG Cable Fault Locator Trainer Kit
		ABCD Parameter Trainer Kit
30	<b>C LAB</b>	30 Numbers of Computer Systems (HP) Hardware Specification: Dual Core, 2 GB RAM, 320 GB Hard Disk Software Specification: Windows 7, C++
31	<b>CG LAB</b>	24 Numbers of Computer Systems (DELL/ZEBRONIC) Hardware Specification: Dual Core/i3, 4 GB RAM, 500 GB Hard Disk Software Specification: Windows 10, JDK, JFLAP, C++
32	<b>IOTLAB</b>	24 Numbers of Computer Systems (DELL) Hardware Specification: Dual Core, 4 GB RAM, 1 TB Hard Disk Software Specification: Windows 10, C++, Oracle 10G
33	<b>ADVANCELAB</b>	6 Numbers of Computer Systems (DELL) Hardware Specification: Dual Core, 4 GB RAM, 1 TB Hard Disk
34	<b>NETWORKLAB</b>	30 Numbers of Computer Systems Hardware Specification: Dual Core, 2 GB RAM, 500 GB Hard Disk Software Specification: Windows 7, Cisco Tracer
35	<b>DAALAB</b>	30 Numbers of Computer Systems (HP) Hardware Specification: i3, 4 GB, 1 TB Software Specification: Windows 7, C++
36	<b>OS LAB</b>	10 Numbers of Computer Systems (DELL) Hardware Specification: Dual Core, 4 GB RAM, 1 TB Hard Disk Software Specification: Windows 10, Ubuntu 16
37	<b>SE LAB</b>	30 Numbers of systems
38	<b>CD LAB</b>	30 Numbers of systems

39	COA LAB	30 Numbers of systems
40	JAVA (OOP) LAB	30 Numbers of systems

## 16. COMPUTING FACILITIES

1. Internet bandwidth –200MBPS
2. Number and configuration of system- 310
3. Total number of systems connected by LAN-310
4. Total number of systems connected by WAN-300
5. Major software packages available-30

## 17. LIST OF FACILITIES AVAILABLE

Classroom/Tutorial Room facilities



Laboratory details



## Library facilities



Auditorium / Seminar Halls / Amphi



Indoor Sports facilities



Outdoor Sports facilities



## TEACHING LEARNING PROCESS

Curricula and Syllabus for each of the Programmes as <http://www.bput.ac.in/syllabus.html> approved by the University

Academic Calendar of the University

<http://www.bput.ac.in/academic-calendar.html>

Mentor–Mentee System

Implemented department-wise for academic and personal counselling.

Tutorial / Remedial Classes

Conducted for weak students and slow learners as per academic schedule.

Laboratory and Practical Learning

Conducted as per BPUT curriculum and laboratory manuals.

Project-based Learning

Mini and major projects carried out in final semesters.

Seminar / Workshop / Guest Lecture

Organized regularly for skill enhancement and industry exposure.

Library and e-Learning Resources

Central library available.

Feedback Mechanism

Feedback collected from students for continuous improvement.

### SAMPLE FEEDBACK FORM

FEED BACK FROM FOR THE STUDENT, 2025-2026 Session, Semester, Date:

*Prepared with a positive view to augment a teacher's ability in discharging his/her duties in awarding in Excellent: A, Very Good: B, Good: C, Average: D, Fair=E against each question*

Subjects		Name of faculty			
Th-1					
Th-2					
Th-3					
Th-4					

Questions		Th-1	Th-2	Th-3	Th-4
1	Overall command on the subject or concept				
2	Teacher's communication skill				
3	Teaching skill to make the class interesting				
4	Ability to clarify the doubt, problems and questions in the class room				
5	Teacher's ability to control the class				

## 19. COUNSELLING/ MONITORING

Counselling / Monitoring	Regular counselling for students by faculty advisors once every week. Done during faculty advising regularly and also by department placement coordinators.
Medical Facilities	A Medical Room is provided in the Institute and Hostel equipped with a visiting Doctor and team.
Student Insurance	All students are covered under Insurance Scheme as per university regulation.

## 20. BEST PRACTICE

### Objectives of the practice:

1. For building healthy academic and personal relationship between the students and teachers.
2. Enforcing more discipline, more involvement and heart to heart connections with the students.

### The Context:

Under this scheme, the students are divided into several small groups (Not more than 15 students in a group) and each group is headed by a teaching staff known as the proctor. The students meet the proctor on scheduled date, time and at places and put forth their difficulties for advice. The proctor looks into the general interest of the students placed under him/her. The proctor remains in frequent touch with the students of his/her group and try to solve their problems both academic and others.

### The Practice:

1. The students of the proctorial group shall meet the proctors at least once in a week or as many times as is necessary to sort out the academic problems.
2. The students shall furnish such information to the proctors as required for the maintenance of the proctorial record.
3. No. student should leave headquarters without informing the proctor.
4. No. student can ordinarily meet the principal on official business without the prior permission of the proctor nor can submit any application without his/her recommendation.
5. Any adverse report against a student by the proctor will be seriously viewed.
6. The promotion of the college exam. and issue of the final conduct / T.C/ from the college will be reflected on proctorial records of the student during the period of study in the college.

### Evidence of Success:

1. The teacher-student bond became stronger and students felt a home away from home environment at college.
2. Graduate students could able to receive guidance from highly experienced teachers at the crucial period of life.
3. Student attendance improved.
4. Parent-Institute relation strengthened.
5. More discipline observed in the campus.

## 21. SWOT

Strength (S)	Well-designed outcome-based curricula addressing global needs, flexibility, employability of students, and inculcating human values.
Weakness (W)	Limited Industry–Institute interaction due to limited accessibility, thereby reducing opportunities for students.

Opportunity (O)	Scientific validation, documentation and preservation of indigenous/traditional knowledge systems.
Threat (T)	Diverse student groups and rural background create challenges in bridging academic and communication gaps.

## 22. CONTACT DETAILS

<b>Name of the Principal</b>	Prof.(Dr.) Jayakrushna Moharana
<b>Name of the Institution</b>	HI-TECH INSTITUTE OF TECHNOLOGY
<b>Address of the Institution</b>	Industrial Estate, Near NH-16, Behind Reliance Petrol Pump
<b>City &amp; Pin Code</b>	Khordha – 752057
<b>State / UT</b>	Odisha
<b>Phone Number with STD Code</b>	06755-211331
<b>Office Hours at the Institution</b>	9.00 A.M. to 5.00 P.M.
<b>Academic Hours at the Institution</b>	9.30 A.M. to 4.00 P.M.
<b>Email</b>	info@hit.ac.in

## 23. STUDENT ACTIVITY

### ❖ Cultural Activities

Students at HI-TECH Institute of Technology exhibit their talents in an astounding manner through various cultural activities. The institute encourages participation in music, dance, drama, debate, singing, art, and other co-curricular events to enhance creativity, confidence, and teamwork among students.

### ❖ Sports Activities

The institute provides several facilities for sports and physical activities to promote fitness, discipline, and sportsmanship among students.

#### 1. Outdoor Games Facilities

- ❖ Football Field
- ❖ Basketball Court
- ❖ Cricket Field with Pitch
- ❖ Volleyball Courts
- ❖ Badminton Courts

#### 2. Indoor Games Facilities

- ❖ Chess
- ❖ Carrom
- ❖ Yoga and Meditation Centre

### Literary Activities

The English Development Club (EDC) of HI-TECH Institute of Technology aims at developing the overall personality of students with special emphasis on communication and interpersonal skills. The club provides a platform for students to improve their confidence, creativity, leadership qualities, and public speaking abilities.

The following activities are conducted under the auspices of the EDC:

- ❖ Group Discussion
- ❖ Debates

- ❖ Oral Presentations
- ❖ Role Plays
- ❖ Interview Techniques
- ❖ Poetry Writing

Participation in these programmes helps students enhance their communication skills and prepares them to face the ever-challenging professional world with confidence and competence.