

MANDATORY DISCLOSURE

1. NAME OF THE INSTITUTION

TECHNO INDIA – BATANAGAR

B7-360/New, Putkhali, Ward No. 30, Maheshtala, Kolkata – 700141

Phone Number: +91 (033) 2490 5050/ 0059/ 0011

Fax Number: 033 2490 0002

Website: www.tib.edu.in

Email: tib@tib.edu.in

2. NAME & ADDRESS OF THE PRINCIPAL

Prof. (Dr.) Ankur Ganguly

Techno India – Batanagar

B7-360/New, Putkhali, Ward No. 30, Maheshtala, Kolkata – 700141

Phone Number: +91 (033) 2490 5050/ 0059/ 0011

Fax Number: 033 2490 0002

Website: www.tib.edu.in

Email: principal@tib.edu.in

3. NAME OF THE AFFILIATING UNIVERSITY

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL

(Formerly known as West Bengal University of Technology)

BF-142, Salt Lake City, Kolkata – 700 064

Phone Number: 033 2321 0731/ 1327

Email: vc@wbut.ac.in

4. GOVERNANCE

Members of the Board of Governors

TECHNO INDIA - BATANAGAR		
COMPOSITION OF GOVERNING BODY		
Sl. No.	Members Name	Designation
01	Prof. S. M. Chatterjee, Eminent Educationist	Chairman
02	Mr. G. Roychowdhury or his nominee Mrs. M. Roychowdhury	Trustee
03	Mr. S Roychowdhury or his nominee Mr. Anirban Mukherjee	Trustee
04	Mr. T. K. Ghosh or his nominee	Trustee
05	Mr. Bhaskar Gupta	Trustee
06	Nominee of the State Govt.	Director of Technical Education, Govt. of West Bengal
07	Nominee of AICTE	Regional Officer : Ex-Officio
08	Nominee of MAKAUT	Representative of MAKAUT
09	Educationist Nominated by State Govt. as per AICTE guidelines	Representative of State Govt.
10	Mr. R. N. Lahiri	Trustee
11	Mr. A. K. Ghosh	Nominee of the Trust
12	Mr. A. Adhikari	Nominee of the Trust
13	Dr. A. Ray	Nominee of the Trust
14	Representative from Professor	Dr. Debdas Ray
15	Representative from Assistant Professor	Mr. Indranil Sengupta
16	Prof. (Dr.) Ankur Ganguly, Principal	Member Secretary

4.1. Members of the Academic Committee:

Academic Committee consisting of all the HODs and the Sr. Faculty Members and chaired by the Principal/Director

4.2. Objectives of the Academic Committee is to achieve excellence in academic, research and development of the institute for the benefit of the globe and mankind.

4.3. Frequency of the Board of Governors' Meeting:

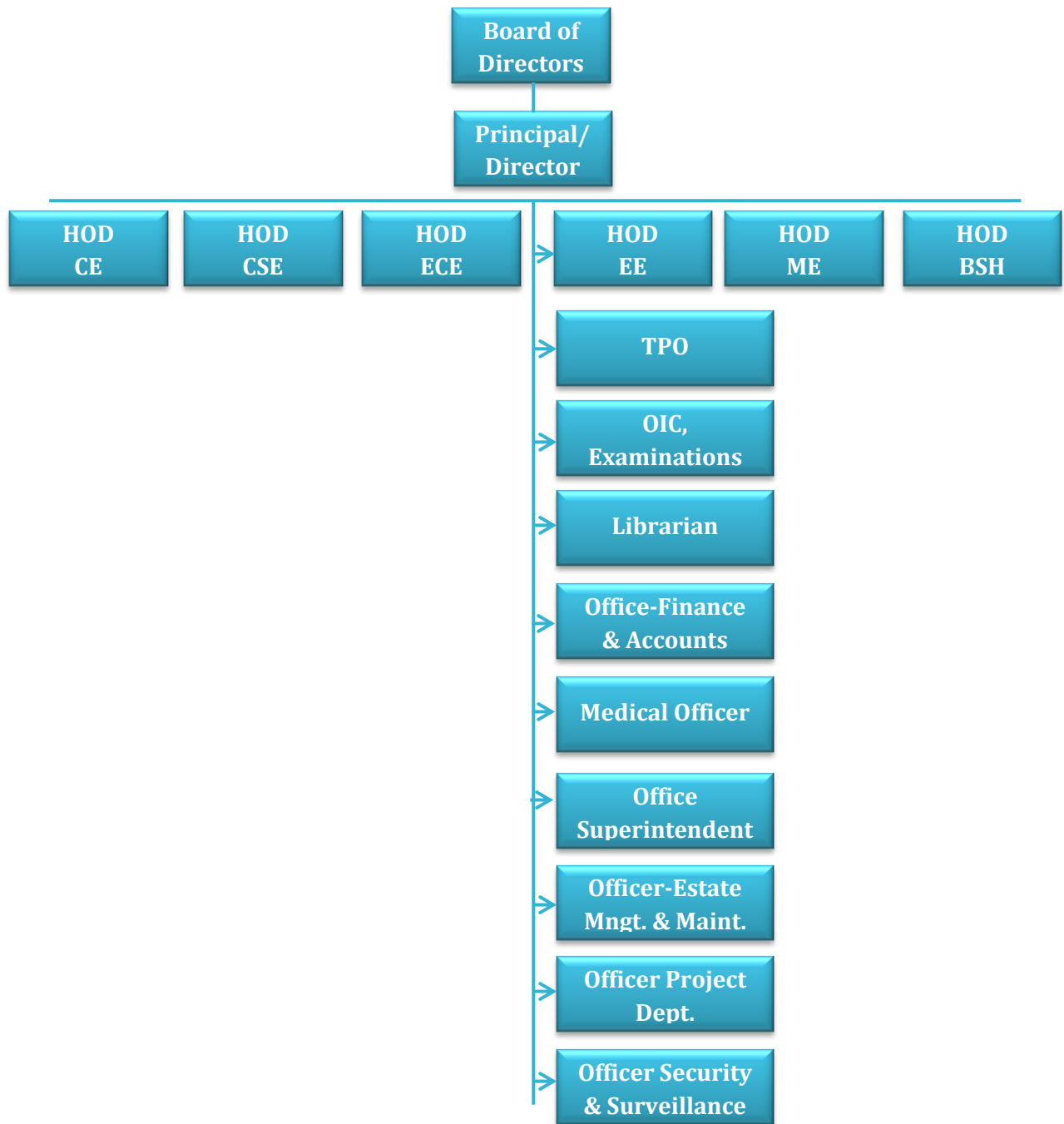
Normally, BOG Meeting held 3/4 times in an academic year, on executive affairs. Last meeting of the GB was held on: 17/03/2017.

4.4. Academic Committee:

The Academic Committee conducts at least one meeting per month to frame out the major policies such as Resource planning, Teaching, Learning Process, Laboratory & Workshop Methods, Project studies, Innovative Skill practice, Implementation of new educational technology, beyond curriculum program, industry readiness program, visits to industry, Industrial Training, Training for Higher learning and securing PSU & other Govt. jobs, Publications, Professional membership, Consultancy, Research & Development works etc.

Member of Academic Advisory Body		
Sl. No.	Name	Designation
01	Prof. (Dr.) Ankur Ganguly	Principal
02	Mr. Debasish Roy	HOD, BSH-Mathematics
03	Mr. Shyamal Mukhopadhyay	HOD, ECE
04	Mr. Indranil Sengupta	HOD, CSE
05	Dr. Ashok Naskar	HOD, EE
06	Mr. Debu Mukherjee	TIC, CE
07	Mr. Goutam Kumar Alok Dash	TIC, ME
08	Dr. Ritabrata Bhowmick	TIC, BSH-Chemistry
09	Dr. Nirmalya Shankar Das	TIC, BSH-Physics
10	Ms. Shriya Adhikary	TIC, BSH-Humanities

4.5. Organizational Chart Process:



4.6. Nature and Extent of Involvement of Faculty and Students in academic affairs/improvements

1. Faculty & Students has been participating in workshops, seminars, symposiums for improvement of Teaching & Learning process. Further, in consultation with the students, faculty members have been involved for developing Laboratory & Workshop Methods, Project studies, Innovative Skill practice, Implementation of new educational technology , beyond curriculum program, industry readiness program, visits to industry, Industrial Training, Training for Higher learning and securing PSU & other Govt. jobs, Entrepreneurship development, Publications, Professional membership, Consultancy, Research & Development works etc.
2. Major activities for skill up-gradation, employment generation, development and pollution reduction and other social outreach carried out under NSS activities.
3. Techno India - Batanagar has also take initiative to establish close collaboration with Universities & well-known Institutions and Industries in India & Abroad for excelling in training, skill development, employment generation, Research and Development.
4. Academic Committee consisting of all the HOD Members, Sr. Faculty Members and the committee is chaired by the Principal/Director. Role of Academic Committee is to frame policy matters to improve academic ambience as a whole of the institute and for day-to-day monitoring of the academic activities.
5. Regular interactions and feedback are being taken place with the student representatives in view of fulfillment of requirements of the students and improvement of academic activities of the Institute.
6. Regular meeting with HODs for exchange of views for the betterment of academic activities.
7. The Faculty members & students work together to make the Institute a Centre of Excellence. The feedback system of the college is a bipolar process where the students & the faculty members help to improve each other and enhance their potentiality in every possible way. This in turn paves the way for a strong academic foundation.

4.7. Mechanism/Norms & Procedure for democratic/good Governance

1. Board of Governors of Techno India - Batanagar is actively involved in Governance of the Institution in all affairs for establishment of a transparent and democratic mechanism in Governance of the Institute.
2. Decentralized
3. Bottom-up-approach
4. Examination & Monitoring Committee

4.8. Students Feedback on Institutional Governance/Faculty Performance

1. Online (Self Developed Software) Student feedback system has been introduced on Faculty performance has already been started in a prescribed format.
2. Student feedback is taken for procurement of Library Books & Journals, Magazine etc.
3. Encouraging plan for engaging students for use in Institutional activities such as Website, Library Software etc.

The institute highly values the feedback of the students on institutional governance and faculty performance. A Feedback Form has been especially designed to that end. Every student is given this form at the end of every semester. The duly filled in forms are collected and later on discussed in the meeting of the Academic Council. The purpose is to help the faculty to develop him /her to deliver the best output.

4.9. Grievance Redressal mechanism for Faculty, Staff and Students

1. Grievance Redressal cell / Internal Complaint Committee
2. Women's Grievance Redressal Cell
3. Academic Committee looks after the grievance of the faculty and staff Members.

The grievances of the students are represented in the meetings by the HODs of the various streams. These issues are then discussed and resolved unanimously. The faculty members & staff make it a point to candidly discuss their specific as well as general problems in the meetings. The institution firmly believes that in order to excel a proper coordination between the faculty members, staff, students & management is indispensable.

5. PROGRAMMES: Name of the Programmes approved by the AICTE

5.1. Under Graduate AICTE approved Programme:

1. B.Tech in Civil Engineering (CE)
2. B.Tech in Computer Science & Engineering (CSE)
3. B.Tech in Electronics & Communication Engineering (ECE)
4. B.Tech in Electrical Engineering (EE)
5. B.Tech in Mechanical Engineering (ME)

6. PROFILE OF PRINCIPAL WITH QUALIFICATIONS, TOTAL EXPERIENCE, AGE AND DURATION OF EMPLOYMENT AT THE INSTITUTE

1. **Name** : Prof. (Dr.) Ankur Ganguly
2. **Date of Joining** : 19th August, 2014
3. **Date of Birth** : 19th July, 1976
4. **Educational Qualification** : Ph.D
5. **Work Experience:**
- a. Teaching : 17
- b. Research : 03
- c. Industry : 01
6. **Area of Specialization** : Electrical Engineering



7. Publications:

International		National			Technical Articles	Book Chapter
Journal	Conference	Journal	Conference	Seminar		
15	10	03	14	01	05	03

8. Seminar/ Conference/Workshop

- i. Organized : 11
- ii. Participated : 11

9. **Research Project Guided** : 35 (UG) 02 (PG)

10. **Ph.D Projects Guided** : 01 (Awarded) 03 (Registered)

11. **Patents** : 03 (Applied)

12. Professional Membership:

- i. Fellow (No. F-123241), The Institute of Engineers (India)
- ii. Fellow (No. F-237373), The Institute of Electronics & Telecommunication Engineers (IETE)
- iii. Member (92432849), Institute of Electrical & Electronics Engineers (IEEE), USA
- iv. Life Member (LM-74078), Indian Society for Technical Education (ISTE)
- v. Life Member (N-227), Biomechanics Society of India (BSI), India
- vi. Member of Forum of Scientists, Engineers and Technologists (FOSET)
- vii. Nominee Member (F 8001227), Computer Society of India (CSI)

Prof. (Dr.) Ankur Ganguly
Principal

7. FEES

7.1. Details of Fees as approved by State Fees Structure Committee for the Institution

₹ 80,000/- Annual Tuition Fees

₹ 5,000/- Admission Fees is charges at the time of admission (one time)

₹ 10,000/- as Caution Deposit is charged at the time of admission (one time)

₹ 1,000/- Annual Students Welfare and Sports and Games Fees

₹ 1,500/- Annual Library cum Book Bank Fees

7.2. Time Schedule for Payment of Fees for The Entire Programme

Semester wise in the months of April & November of every year

1. Free-Ship/Scholarship as per State Govt. Guidelines.
2. Estimated cost of Boarding and Lodging in Hostels: ₹ 6,000/- per month

8. ADMISSION STATUS

Number of Seats sanctioned with the year of approval.

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

Course	Branch	AICTE Approved Intake during Last Three Year					
		2015-16		2016-17		2017-18	
		Sanctioned Intake	Actual Admission	Sanctioned Intake	Actual Admission	Sanctioned Intake	Actual Admission
B.Tech	CE	60	24	60	14	60	07
	CSE	60	53	60	62	60	53
	ECE	60	22	60	42	60	30
	EE	60	12	60	26	60	23
	ME	60	15	60	19	60	15
Diploma	CE	60	49	60	30	60	19
	ME	60	38	60	44	60	28

9. ADMISSION PROCEDURE

For Admission to B.Tech Programme: Ninety percent Seat allotment is made by the West Bengal Joint Entrance Examination Board on the basis of the rank secured and on-line choice filling by the rank holders in Joint Entrance Examination and ten percent Seat allotment is made from Joint Entrance Examination (Main). Five percent Tuition Fee Waiver (TFW) over and above intake are directly allotted by the West Bengal Joint Entrance Examination Board amongst the rank-holders.

Twenty percent Lateral admission over and above intake in second year is allotted by the West Bengal Joint Entrance Examination Board amongst the rank-holders who use to participate in on-line choice filling.

10. ELIGIBILITY CRITERIA

1. Participating Candidate besides fulfilling all the eligibility criteria and the terms and conditions as stipulated by the West Bengal Joint Entrance Examinations Board in respect of the examination "WBJEE" for admission to any such professional technical courses must have obtained a valid Merit Rank i.e. GMR in the WBJEE.
2. Candidate must have passed '10+2' examination with Physics and Chemistry along with any one of Mathematics / Biotechnology / Biology / Computer Science / Computer Application as compulsory subjects with individual pass marks (in both theory and practical wherever applicable) in all the three subjects as stated above in regular class mode.
3. Must have obtained at least 45% marks (40% in case of candidates belonging to reserved category) in the above three subjects taken together.
4. Must have passed English in the '10+2' examination with at least 30% marks.
5. The Board of the said Qualifying Examination must be recognized by the Central Government or State Government concerned.

11. INFORMATION ON INFRASTRUCTURE AND OTHER RESOURCE AVAILABLE

11.1. LIBRARY AT A GLANCE:

1. Year of Establishment : 2012
2. Library Hours : 8.5 Hours
3. Library Timings : 10:00 am to 6:30 pm
4. Library Open : Monday – Friday
5. Total No. of Titles : 993
6. Total No. of Volume : 11,027
7. Carpet Area : 409.35 Sq.m.
8. Number of Staff : Professional (03) & Non-Professional (02)
9. Number of Online Journals : 03
10. Number of Printed Journals : 43
11. Library Software : Libsys
12. NPTEL Materials : Available
13. World E-Book Library : Available
14. Institutional Member of DELNET
15. Institutional Member of Institution of Engineers (IE)
16. Institutional Member of British Council Library (BCL)
17. Institutional Member of National Digital Library (NDL)
18. Institutional Member of Institution of Electronics and Telecommunication Engineers (IETE)

Sl. No.	Subject	Titles	Volumes
01	Basic Science & Humanities	176	1949
02	Civil Engineering	106	2013
03	Computer Science & Engineering	229	2053
04	Electronics & Communication Engineering	152	1370
05	Electrical Engineering	146	1539
06	Mechanical Engineering	170	2062
07	Others	14	41

11.2. LABORATORY:

Sl. No.	Programme	Name of the Laboratory	Area (Sqm.)
01	Common to All Stream (B.Tech)	Basic Electrical Lab	88.31
		Chemistry Lab - I	88.12
		Basic Electronics Lab	88.12
		Physics Lab - I	89.06
		Language Lab	90.00
02	B.Tech in Electronics & Communication Engineering	Numerical Lab	89.06
		Circuit Theory & Network Lab	90.00
		Solid State Devices	88.12
		Signal System Lab	88.31
		Analog Electronic Circuits Lab	90.00
		Technical Report Writing & Language Lab Practice	88.31
		Physics lab - II	90.00
		EM Theory & TX Lines Lab	88.31
		Digital Electronics & Integrated Circuits Lab	88.31
		Analog Communication	90.00
		Microcontroller Lab	88.31
		Control System Lab	88.31
		Computer Architecture	90.00
		Data Structure & C	90.00
		Digital Communication	90.00
		Digital Signal Processing Lab	90.00
		Object Oriented Programming	90.00
		VLSI Design Lab	88.31
		RF & Microwave Engineering	88.31
Electronics Lab	90.00		
03	B.Tech in Computer Science & Engineering	Physics - II	88.31
		Analog & Digital Electronics	90.00
		Data Structure & Algorithm	90.00
		Computer Organization	88.31
		Technical Report Writing & Language Lab Practice	88.31
		Communication Engg. & Coding Theory	90.00
		Software Tools	90.00
		Computer Architecture	88.31
		Design & Analysis of Algorithm	90.00
		Microprocessor & Microcontrollers Lab	88.31
		Programming Practice using C++	90.00
		Object Oriented Programming	88.31
		DBMS Lab	88.31

Sl. No.	Programme	Name of the Laboratory	Area (Sqm.)
		Networks Lab	88.31
		Operating System Lab	88.31
		Software Engg. Lab	90.00
		Artificial Intelligence	90.00
		Microelectronics & VLSI Designs	90.00
		Design Lab / Industrial Problem related Practical Training	88.31
04	B.Tech in Mechanical Engineering	Technical Report Writing & Language Lab Practice	88.31
		Physics Lab -II	88.31
		Workshop Practical – II	90.00
		Applied Mechanics Lab	90.00
		Numerical Methods Lab	88.31
		Fluid Mechanics & Hydraulics Lab	90.00
		Manufacturing Technology Lab	90.00
		Material Testing Lab	88.31
		Machine Drawing – II	88.31
		Applied Thermodynamics & Heat Transfer Lab	90.00
		Design Practice – I	88.31
		Metrology & Measurement Lab	90.00
		Professional Elective – Lab – I	88.31
		Machining & Machine Tools Lab	88.31
		IC Engine Lab	88.31
		Design Practice – II	88.31
		Dynamics of Machines Lab	90.00
		Professional Elective – II Lab	90.00
		Advanced Manufacturing Lab	90.00
		Project Part – I	90.00
Design of Mechanical System / ME881	88.31		
Project Part - II	90.00		
05	B.Tech in Civil Engineering	Physics – II	88.31
		Solid Mechanics	88.31
		Surveying Practice I	88.31
		Building Design & Drawing	90.00
		Technical Report Writing & Language Lab Practice	90.00
		Numerical Methods	88.31
		Surveying Practice II	90.00
		Fluid Mechanics	88.31
		Solid Mechanics Lab II	88.31
		Concrete Lab / CE592	90.00
		Quality Surveying , Specification and Valuation	88.31

Sl. No.	Programme	Name of the Laboratory	Area (Sqm.)
		Engineering Geology Lab	90.00
		Highway & Transportation Lab	88.31
		Detailing of RC & Steel Structures	88.31
		CAD Lab	88.31
		Environmental Engg. Lab	90.00
		Civil Engg. Practice Sessional	90.00
		Free Elective Lab	90.00
		Structural Engg. Design Practice	88.31
		Project Part II	88.31
06	B.Tech in Electrical Engineering	Analog & Digital Electronic Circuit	90.00
		Numerical Methods	90.00
		Electric Circuit Theory	90.00
		Technical Report Writing & Language Laboratory Practice	88.31
		Physic II Lab	90.00
		Thermal Power Engineering Lab	88.31
		Electric Machine – I	90.00
		Electrical & Electronics Measurement Lab	88.31
		Electric Machine II	90.00
		Power System –I	88.31
		Control System I	88.31
		Microprocessor & Micro Controller	88.31
		Seminar	88.31
		Control System II	90.00
		Power System II	88.31
		Power Electronics	90.00
		Computer Network	88.31
		Electric Drive	90.00
		Data base Management System	90.00
		Electrical System Design I	88.31
Project I	88.31		
Project I	88.31		
Electrical System Design II	90.00		

11.3. LIST OF MAJOR EQUIPMENT/FACILITIES

1. List of Experimental Setup Enclosed as annexure.
2. Status and facilities in Studio/Designing and Art appreciation and other related disciplines/specializations Not Applicable.

11.4. COMPUTER FACILITIES:

1. Number and Configuration of System : 260
2. Total Number of Systems Connected by LAN : All
3. Total Number of Systems connected by WAN : All
4. Internet Bandwidth : 32 Mbps
5. Major Software packages available
 - a. Application Software
 - i. MS-Office 2010
 - ii. MS Visual Studio
 - iii. Open Office 3.4
 - iv. Oracle
 - v. Mat Lab
 - vi. Scilab
 - vii. Pspice
 - viii. MySQL
 - ix. Free CAD
 - x. CAD Studio 3.7
 - xi. Xilinx
 - xii. Auto CAD
 - xiii. PHP 5.5
 - xiv. Seqrite Endpoint Security
 - b. System Software
 - i. Windows 7 & 10
 - ii. Linux
 - iii. Fedora 11
 - iv. Ubuntu 11

11.5. SPECIAL PURPOSE FACILITIES AVAILABLE

11.5.1. GAMES AND SPORTS FACILITIES:

The college has its own playground for outdoor games like Cricket/Football and also has the indoor game facility like Table Tennis, Carom etc.

11.5.2. EXTRA CURRICULAR ACTIVITIES:

The Institute always encourages the development of social & cultural aspects of students and faculty members through Quiz Club, Debate Club, Cultural Activities, Tech-Fests and Other Competitions & Exhibitions.

11.5.3. SOFT SKILL DEVELOPMENT FACILITIES:

A State-of-the-art Language Lab has been developed to enhance the communication activities of the students. Special emphasis is given to enable the students to face Campus Interviews through Psychometric Tests and interview practices.

NPTEL: NPTEL local chapter has already been established and functioning.

11.5.4. NUMBER OF CLASSROOMS AND SIZE OF EACH:

24 nos, (66 Sq.m each)

11.5.5. NUMBER OF TUTORIAL ROOMS AND SIZE OF EACH:

05 nos. (33 Sq.m each)

11.5.6. NUMBER OF WORKSHOP AND SIZE OF EACH:

01 no. (200 Sqm.)

11.5.7. NUMBER OF DRAWING HALLS AND SIZE OF EACH:

02 nos. (132 Sqm each)

11.5.8. NUMBER OF COMPUTER CENTRES WITH CAPACITY OF EACH:

01 no. (88 Sqm.)

11.5.9. CENTRAL EXAMINATION FACILITY, NUMBER OF ROOMS AND CAPACITY OF EACH:

There is no central examination facility. Generally Class Rooms are used for Examinations.

11.5.10. NUMBER OF SEMINAR HALLS ROOM:

05 nos. (132 Sqm. Each)

11.5.11. NUMBER OF BOARD ROOM:

01 nos. (88.12 Sqm. Sq.m)

11.6. TEACHING LEARNING PROCESS:

11.6.1. Curricula and Syllabus for each of the Programmes as approved by the University.

Enclosed as annexure

11.6.2. ACADEMIC CALENDAR OF THE UNIVERSITY

Enclosed as annexure

11.6.3. ACADEMIC TIME TABLE

Enclosed as annexure

11.6.4. TEACHING LOAD OF EACH FACULTY

Enclosed as Annexure

11.6.5. INTERNAL CONTINUOUS EVALUATION SYSTEM AND PLACE

As per guidance of the concerned University

System in place for internal Assessment, Assignment, Quiz and Class Test