

Mandatory Disclosure

1 AICTE File No. & Date : 770-54-004(NDEG)/ET/2001, Dt. 27/06/2001
Period of last approval : 2010-11

2 Name of the Institution : LBS INSTITUTE OF TECHNOLOGY FOR WOMEN

Address of the Institution : Poojappura, Poojappura P.O
Thiruvananthapuram



City & Pin Code : Thiruvananthapuram, 695012

State / UT : Kerala

Longitude & Latitude : 8.49073N, 76.9722E

Phone number with STD code : 0471 - 2349232

FAX number with STD code : 0471- 2343395

Office hours at the Institution : 9.00 a.m-4.00 p. m

Academic hours at the Institution : 8.45 a.m-4.10 p. m

Email : info@lbsitw.ac.in

Website : www.lbsitw.ac.in

Nearest Railway Station (dist in Km) : Thiruvananthapuram Central, 4

Nearest Airport (dist in Km) : Thiruvananthapuram International Airport, 15

3 Type of Institution : Govt

Category (1) of the Institution : Non Minority

Category (2) of the Institution : Women only

4 Name of the organization running the Institution: LBS Centre for Science and Technology

Type of the organization : Society

Address of the organization : LBS Centre for Science and Technology,
Extra Police Road, Nandavanam,
Palayam-695033
Thiruvananthapuram

Registered with :

Registration date : 1976

Website of the organization : www.lbscentre.org

5 Name of the affiliating University / Board : KERALA UNIVERSITY

Address : Palayam,
Thiruvananthapuram
Pin Code: 695034
Website : www.keralauniversity.org

Latest affiliation period :

6 Name of Principal : Dr. Mini K. Idiculla

Exact Designation : Principal

Phone number with STD code : 0471 - 2343395 (Off)

FAX number with STD code : 0471- 2343395.

Email : principal@lbsitw.ac.in

Highest Degree : Ph. D

Field of specialization : Electrical machines

7 Governing Board Members

Chairman(Educationalist : Dr. Devadasa Menon
Professor in Civil Engg., IIT Madras
Qualification- Ph. D

Member :Dr. J. Letha
Principal,
College of Engg., Trivandrum
Qualification- Ph. D

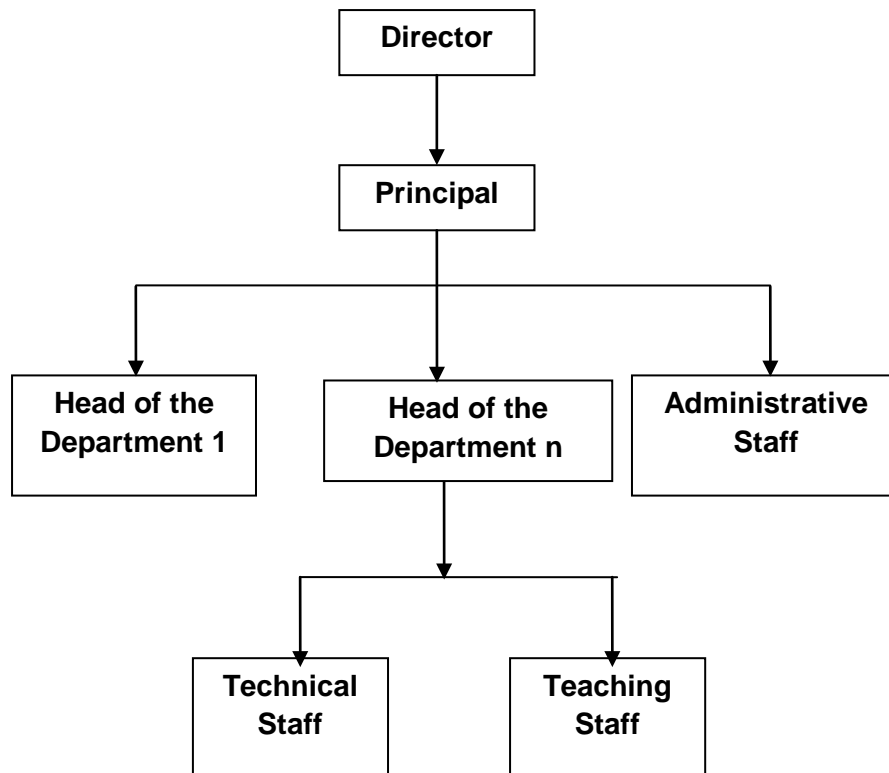
Industrialist Member :Mr. V.K. Mathews
Chairman & C.E.O,

Professional member	<p>IBS, Technopark, Trivandrum Qualification- Masters in Aeronautical Engg. : Dr. K. Radhakrishnan Professor, I.I.S.T, Trivandrum Qualification- Ph. D</p>
Faculty members	<p>: Dr. Balachandran Nair Selection Grade Lecturer Dept. of Physics L.B.S.I.T.W., Poojappura, Trivandrum Qualification- Ph. D</p> <p>Mr. Shiju P.P. Assistant Professor Dept. of Electronics & Communication Engg. L.B.S.I.T.W., Poojappura, Trivandrum Qualification- M. Tech</p>
UGC/AICTE nominee member	: To be nominated by AICTE/UGC
State Govt. Nominee member	: Nominated by State Govt.
University Nominee member	<p>: Dr. M. Wilsey Professor & Head, Dept. of Computer science University of Kerala Qualification- Ph. D</p>
Convenor (Principal of the College)	<p>: Dr. Mini K. Idiculla Principal, L.B.S.I.T.W., Poojappura, Trivandrum Qualification- Ph. D</p>

Frequency of meetings & :
date of last meeting

8 Academic Advisory Body : Principal and the Heads of all Departments
Frequency of meetings & date of last meeting : The College Council meets fortnightly and also when there is some decision making related to the activities of the college. The Academic Advisory Body looks into the details related to the academic and other activities of the institution.

9 Organisational Chart



10 Student feedback mechanism on Institutional Governance/faculty performance

: Students can give feedback to staff advisors about the various academic/non-academic activities. In addition, there is an annual on-line feedback mechanism, where the students can give numeric rating to the teaching aspects of each faculty teaching them in a particular semester.

11 Grievance redressal mechanism for

faculty, staff and students

: We have a efficient Staff Advisory system. All the classes are assigned two staff advisors, whom the students can meet the staff advisor at any time as they wish. The team of staff advisors is headed by a Senior Staff Advisor. Through this system, 90% of the problems of students are getting solved. Also, we have a suggestion box for the students and PTA. The suggestions/ complaints whatever is received from these boxes are well taken care off. A lady counselor offers her services on all Fridays from 10.00 am to 4.00 pm. This also has proved very effective in addressing the grievances faced by the students of our institution.

12 Name of the Department

: ECE/AE

Course

: B. Tech in Applied Electronics & Instrumentation Engg.

Level UG / PG

: UG

1st Year of approval by the Council

: 2001

Academic Year	2009-10	2008-09	2007-08
Year wise sanction intake	60+6*	60+6*	60+6*
Year wise Actual Admissions	61	64	42

Cut-off marks-General quota	50 % marks for Physics, Chemistry & Maths for HSE and minimum 10 marks in CEE	50 % marks for Physics, Chemistry & Maths for HSE and minimum 10 marks in CEE	50 % marks for Physics, Chemistry & Maths for HSE and minimum 10 marks in CEE
% Students passed with Distinction	27.9	28	4
% Students passed with First class	57	50	52
Students placed	33	25	20
Average Pay Package, Rs./Year	3.1 lakhs/annum	2.9 lakhs/annum	2.8 lakhs/annum
Students opted for Higher Studies	16	15	12

Accreditation Status of the courses : Not Accredited

Doctoral Courses : No

Foreign Collaborations, if any : No

Professional Society Memberships :

Professional activities :

Consultancy activities : Nil

Grants fetched :

Departmental Achievements :

Distinguished Alumni :

Name of the Department : ECE/AE

Course : B. Tech in Electronics & Communication
Engg.

Level UG / PG : UG

1st Year of approval by the Council : 2001

Academic Year	2010-11	2009-10	2008-09
Year wise sanction intake	60+6*	60+6*	60+6*
Year wise Actual Admissions	65	64	65
Cut-off marks-General quota	50 % marks for Physics, Chemistry & Maths for HSE and minimum 10 marks in CEE	50 % marks for Physics, Chemistry & Maths for HSE and minimum 10 marks in CEE	50 % marks for Physics, Chemistry & Maths for HSE and minimum 10 marks in CEE
% Students passed with Distinction	33.3	29.7	24.6
% Students passed with First class	37.9	57.8	72.3
Students placed	55	12	72
Average Pay Package, Rs./Year	3.1 lakhs/annum	2.9 lakhs/annum	2.8 lakhs/annum
Students opted for Higher Studies	16	10	12

Accreditation Status of the courses : Not Accredited

Doctoral Courses : No

Foreign Collaborations, if any : No

Professional Society Memberships : -

Professional activities : -

Consultancy activities : Nil

Grants fetched : Rs. 5 lakhs under MODROBS scheme for modernization of Communication Engg. Lab

Departmental Achievements : -

Distinguished Alumni : -

Name of the Department : CSE/IT

Course : B. Tech in Computer Science & Engg.

Level UG / PG : UG

1st Year of approval by the Council : 2001

Academic Year	2010-11	2009-10	2008-09
Year wise sanction intake	60+6*	60+6*	60+6*
Year wise Actual Admissions	63	64	60
Cut-off marks-General quota	50 % marks for Physics, Chemistry &	50 % marks for Physics, Chemistry	50 % marks for Physics, Chemistry

	Maths for HSE and minimum 10 marks in CEE	& Maths for HSE and minimum 10 marks in CEE	& Maths for HSE and minimum 10 marks in CEE
% Students passed with Distinction	30	14	8.3
% Students passed with First class	42.8	67	50
Students placed	55	22	51
Average Pay Package, Rs./Year	3.1 lakhs/annum	2.9 lakhs/annum	2.8 lakhs/annum
Students opted for Higher Studies	9	8	10

Accreditation Status of the courses : Not Accredited

Doctoral Courses : No

Foreign Collaborations, if any : No

Professional Society Memberships : Yes, Computer Society of India

Professional activities : -

Consultancy activities : Nil

Grants fetched : Rs. 7 lakhs under MODROBS scheme for modernization of Networking Lab

Departmental Achievements : -

Distinguished Alumni : -

Name of the Department : CSE/IT

Course : B. Tech in Information Technology

Level UG / PG : UG

1st Year of approval by the Council : 2001

Academic Year	2010-11	2009-10	2008-09
Year wise sanction intake	60+6*	60+6*	60+6*
Year wise Actual Admissions	63	–	16
Cut-off marks-General quota	50 % marks for Physics, Chemistry & Maths for HSE and minimum 10 marks in CEE	50 % marks for Physics, Chemistry & Maths for HSE and minimum 10 marks in CEE	50 % marks for Physics, Chemistry & Maths for HSE and minimum 10 marks in CEE
% Students passed with Distinction	14	–	-
% Students passed with First class	66.6	–	75
Students placed	45	–	11
Average Pay Package, Rs./Year	3.1 lakhs/annum		2.8 lakhs/annum
Students opted for Higher Studies	5		2

Accreditation Status of the courses : Not Accredited

Doctoral Courses : No

Foreign Collaborations, if any : No

Professional Society Memberships : Yes, Computer Society of India

Professional activities :
Consultancy activities : Nil
Grants fetched : Nil
Departmental Achievements :
Distinguished Alumni :

28	Lenin.S	Lect	ECE/AE	B.Tech	M.Tech	--	---	--	-	-								
29	Deepambika V A	Lect	ECE/AE	B.Tech	—	—	8	—	—									
30	Abdul Salam A	Lect	ECE/AE	B.Tech	Doing M.Tech	—	5	—	—									
31	Soju Ravi K	Lect	ECE/AE	B.Tech	—	—	9	—	—									
32	Resmi R	Lect	ECE/AE	B.Tech	M Tech	—	10	—	—	2								
33	Rensi Sam Mathew	Lect	ECE/AE	B.Tech	M.E	—	5	1	-	1								

14 Admission quota

Entrance test/Admission criteria: Rank in the Common Entrance Examination and the eligibility conditions as specified by the CEE

ECE

Academic year	2010-2011	2009-2010	2008-2009
Cut off / last candidate admitted	Merit-10385 Mgmt.-15431	Merit-8771 Mgmt.-13791	Merit-4217 Mgmt.-10765
Fees in rupees	Merit-20000 Management-65000	Merit-25000 Management-65000	Merit-6200 Management-65000
Number of Fee Waivers offered	6	6	6

AE

Academic year	2010-2011	2009-2010	2008-2009
Cut off / last candidate admitted	Merit-46530 Management-49470	Merit-15172 Management-32945	Merit-7421 Management-23240
Fees in rupees	Merit-20000 Management-65000	Merit-25000 Management-65000	Merit-6200 Management-65000
Number of Fee Waivers offered	6	6	6

CSE

Academic year	2010-2011	2009-2010	2008-2009
Cut off / last candidate admitted	Merit-34701 Management-46156	Merit-28117 Management-34031	Merit-7730 Management-25368
Fees in rupees	Merit-20000 Management-65000	Merit-25000 Management-65000	Merit-6200 Management-65000
Number of Fee Waivers offered	6	6	6

IT

Academic year	2010-2011	2009-2010	2008-2009
Cut off / last candidate admitted	Merit-48302 Management-48778	Merit-37627 Management-46573	Merit-11024 Management-22255
Fees in rupees	Merit-20000 Management-65000	Merit-25000 Management-65000	Merit-6200 Management-65000
Number of Fee Waivers offered	6	6	6

Admission Calendar

PIO quota: No

10.15 Infrastructural information

Classroom/Tutorial Room facilities

Number of Classrooms and size of each : 24, 80 Sq. M

Number of Tutorial rooms and size of each : 4, 36 Sq. M

Laboratory details

Sl.No	Name of the Course	Name of the laboratory/ workshop	Total Area of lab/workshop (Sq. M.)	Major equipments
1.	Common For all Branches	Mechanical Workshop	234	Power Hack Saw, Drilling Machines, Bench Grinder, Circular Saw Etc.
2.	CSE/IT/ECE	Computer Lab1	70	X200 PIII Server-1, HP Server-1, 5 KVA UPSs-2, A3 Color Inkjet Printer-1, P IV Nodes, Multimedia Systems-10, 16x DVD-2, CD Writer-2, Dotmatrix Printer-2, Flat Bed Scanner-1, LCD Projector-1, Laser Printer-1, Web Camera-1, LAN Switches-9, ACs-4.
3.	CSE/IT/ECE	Computer Lab2	70	P IV Systems-37, Laser Printer-2, Dotmatrix Printers-4, LAN Switches-4, Multimedia Systems, ACs-4, Flat Bed Scanner-3, Web Camera-2, OHP-1,Head phone set-2.
4.	CSE/IT	Computer Lab3	62	P IV Systems-97, HP Servers-3,5 KVA UPUPSs-Laser Printers-3,Inkjet Printers-333, Dotmatrix Printers-4, LAN Switches-7, CD
5.	CSE/IT	Central Computing Facility (CCF)	62	P IV Systems, HP Servers, 5 KVA UPSs, Laser Printers, Inkjet Printers, Dotmatrix Printers, LAN Switches.

6.	AE/ECE/ CSE/IT	Electronic Devices/ Electronic Circuit Lab	132	CRO(20 MHZ)-15, Digital frequency timer & counter-1, Power supply-26, Function generator-12, Audio power meter-15-7, Digital multimeter-22, LCR meter-2, Analog multimeter-8, Voltage stabilizer-1, Pedestrial fan-1, Inductance box-5, Pulse generator-1, Analog meters (Voltmeter & Ammeter)-18, Rheostat-13
7.	AE/ECE	Electronic Workshop/ Mini Project	132	CRO-12, Function generator-12, Power Supply-6, Digital frequency timer & counter-1, Winding machine-1, Analog multimeter-2, Digital multimeter-22, LCR meter-1, Voltage stabilizer-1, Pedestal fan-1 Analog meter (Volt meter & Ammeter) - 9
8.	AE/ECE/ CSE/IT	Digital Electronics Lab	114	CRO-9, Digital I.C Trainer-24, Power Supply-3, Pulse Generator-4, Digital I.C Tester-1, Digital multimeter-6, Voltage stabilizer-1
9.	AE	Measureme nt & Instrument ation Lab/ Industrial Electronics Lab	132	CRO-12, Function generator-12, Power Supply-20, Displacement Measurement Trainer-1, Level Control Measurement Trainer-1, Digital frequency Counter & timer-5, LVDT-1, RTD Trainer -1, Thermistor module-1, Digital IC tester-1, Analog IC tester-1, Digital multimeter-12 Auto Transformer (Single Phase)-2. Voltage stabilizer-1, Thermometer-3, Water bath-2, Keyboard-1, PA system, Pressure measurement trainer-1, LCR meter-1, Inductance box-3, Displacement indicator-1, Strain gauge-1 CRO-12, Function Generator-10, Power Supply-19, Digital multimeter-15, SCR meter-3, Rheostat-21

10.	AE/ECE	Linear Integrated Circuit / Communication Lab	132	<p>CRO-14, Function Generator-15, Power Supply-15, Analog IC tester-1, Digital IC tester-1, Digital multimeter-12, Digital LR meter-1, Voltage stabilizer-1,</p> <p>Analog Communication Trainer Kits-</p> <p>i) Amplitude Modulation Transmitter Kit-1 ii) Amplitude Demodulation Receiver Kit-1 iii) Frequency Modulation Transmitter Kit -1 iv) Frequency Demodulation Kit-1</p> <p>iv) PAM/PWM/PPM kit-1</p> <p>AM/FM Signal Generator-2</p> <p>Digital Communication Trainer Kits :</p> <p>i) TDM Pulse Code Modulation Transmitter Trainer-2</p> <p>ii) TDM Pulse Code Modulation Receiver Trainer-2</p> <p>iii) Delta Adaptive delta & delta sigma modulation/demodu. Trainer-2</p> <p>iv) Delta Formatting & Carrier Modulation Transmitter Trainer-2</p> <p>Television & Accessories-1</p>
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11	AE/ECE	Microwave Lab	132	<p>Solid state klystron power supply-6, Klystron mount-6, Gunn Oscillator-4, Pin Modulator-4, Gunn Power Supply-3, VSWR Meter-7, Frequency Meter-i)Direct reading type-9 ii) Micrometer type-1, Slotted Line Section With Probe Carriage-10, Isolators-9, Variable Attenuate-9, E Plane bend X band-2, Pick up Horn X Band-2, Slotted wave Guide Antenna bend X band-1, E Sectorial Horn-2, H Sectorial Horn-2, Sliding Termination-1, Pyramidal Horn-2, EH Tuner with micrometer-2, Magic Tee-3, Waveguide with flanges X band-2, Radiation Pattern Turn Table-1, Detector mount (Tunable)-5, Detector mount(Broad band)-1, Matched Termination X band-5, Waveguide stand-35, 90⁰ Twist-2, Slide Screw tuner with micrometer-2, H plane bend X band-2, H plane Tee-2, Waveguide with flanges-4, Coaxial to waveguide adapter-3,E plane tee-2,Solid dielectric cell-2,Fixed attenuator-2,Movable short-2, Phase shifter-1,Cooling fan-7, Circulator 3 port-2,Multihole directional coupler-3, Liquid dielectric cell band X-2</p> <p>Advanced Digital Communication Trainer Kits:</p> <p>i) Optical Fibre Transceiver-2</p> <p>Fibre Optic Trainer Kit Consisting of:</p> <p>i) Analog Transmitter & Receiver Trainer Kit-1</p> <p>ii) Digital Transmitter & Receiver Trainer Kit-1</p> <p>Fibre optic communication Trainer kit consisting of LED source with voice interface card, Laser commn kit consisting of Laser source & Detector.Desk top computer- 35 , SW OS WIN VISTA Business – 35, Lab view student edition for windows-4, ORCAD-1, MATLAB 10 users, DVD writer- 1, Pen Drive- 2 , USB Hard disc- 1, Computer Server- 1, Printer- 1, DSP Trainer kit- 6 (TMS 320c50 based DSP kit), TMS 320C 6713 based DSP kit- 5</p>
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12.	AE/ECE	Microprocessor lab	80	<p>Microprocessor 8086/88 kit-15</p> <p>Microcontroller Trainer-1</p> <p>Stepper Motor Controller Card With Motor-2</p> <p>ADC Card-2,DAC card-2,Voltage stabilizer-1</p>
13.	AE	Process Control Lab / Bio medical Engineering Lab	141	<p>Process Controllers</p> <p>i) Temperature Process Controller-1.</p> <p>ii) Level Process Analyzer-1</p> <p>iii) Pressure Process Analyzer-1</p> <p>iv) Flow Process Controller-1</p> <p>v) Programmable Logic Controllers-1</p> <p>vi) Digital PID Controllers-3</p> <p>vii) PLC Real Time Application Bottle Filling Level Controller-1</p> <p>viii) Air Compressor-2</p> <p>Squirrel cage induction motor-1, Voltage stabilizer-1, Dead weight pressure gauge tester-1, Control valve trainer-1, Analog to digital I/O board-1, Differential pressure transmitter-1</p> <p>Digital storage oscilloscope, ECG Measurement system, PH Meter, Pulse oximeter, Pacemaker simulator, Heart rate monitor, Respiration measurement system, Biopotential amplifier, Process controllers (Temperature, Level, Pressure), Programmable Logic controller, Digital PID controller, PLC Real time application bottle filling trainer, Flow process controller, Dead weight Pressure Gauge tester, Control valve Trainer, Analog to Digital I/O Board 8 channel, Differential Pressure Transmitter.</p>
14	CSE / IT	Project Lab	80	<p>Core2Duo Desktops machines 48, Laptop 1, Server 1, Laser Printer 2, Dot Matrix Printer 4, 10 KV UPS 2, Wireless Projector 1, Motor Projector Screen 1, Structured Cabling</p>

15.	AE/ECE	Electrical Machines Lab	108	Ammeter, Autotransformers, Frequency meter, multimeter, motor-generator set, compound motor, series motor, Induction motor, Rheostat, Loading Rheostat, Starters, Tachometer, transformers, voltmeters, wattmeter, DC rectifier unit
Total			1742	

ELECTRONIC CIRCUITS LAB



PROCESS CONTROL LAB



ELECTRONIC DEVICES LAB



COMMUNICATION LAB



MICROPROCESSOR LAB



Computer Centre facilities

Sl. No.	Particulars	Availability	
1.	No. of Computer Terminals	248	
2.	Hardware Specification	P-IV/Latest Configuration :240	
		P-III :3	
		Other :5	
3.	No. of Terminals on LAN/WAN	245	
4.	Relevant Legal Software	Application Software	MSDN Academic Alliance 7.0, Visual Studio.Net (AE), Oracle 10g Std. Edition, COBOL 85, Turbo C++ (AE)
		System Software	Windows XP, Windows 2000 Server Academic Edition, windows ME and Windows 98 SE, Red Hat Linux
5.	Printers	36	
6.	Inter Accessibility (in Kbps & hrs)	1. 2 MBPS (VSNL) 2. 2 MBPS (ASIANET)	



Library facilities

: Working Hours- 8 A.M to 6 P.M

Name of E-journal Sub- Electronic resources by INDEST_AICTE Consortium

Current Annual Budget-39 lakhs

Total Area- 6400 sq. ft.

Library Networking-Available

Reprographic facility-Yes

Number of Multimedia PCs-525

Reading room seating capacity-100

Number of titles-4296

Programme	Divisions Entry Level(FY+SY Direct)	Number of Titles	Number of Volumes	Number of National volumes	Number of International volumes	e- Journals
Engineering & Technology	4	4296	11404	31	4	Yes

Auditorium / Seminar Halls / Amphi

: 3 seminar halls

Cafeteria : Yes

Indoor Sports facilities : Table Tennis, Caroms, Chess etc

Outdoor Sports facilities : Badminton, Basketball etc.

Gymnasium facilities : Yes

Facilities for disabled : There is a barrier free environment for disabled students. Students can reach the ground floor in vehicle. Lift facility is available to all floors from the ground floor



ALUMNI ASSOCIATION SEMINAR HALL



CLASS ROOM



CANTEEN



16 Girls Hostel : No

Medical & other Facilities at Hostel

17 Academic Sessions

Examination system Year /Sem: Year (S1-S2), Sem(S4-S8)

Period of declaration of results: February, August

18 Counseling / Mentoring: The service of a professional counselor, Ms. Soumya, Loyola College is made available in the college on every Friday during the class hours.

Career Counseling : There is a Career Guidance & Placement Unit in the college. This provides guidance and all the assistance for the students in order to achieve their career goals. Communicative English Classes are provided to students. This is started during the initial semesters itself. Aptitude Tests and Group Discussions are conducted at regular intervals and thus the students are getting more opportunities to perform in the competitive Exams. Placement Cell is having all the facilities like Seminar Hall, Equipped with Public Announcing System, LCD, OHP, PC's Etc. With these facilities a good number of students secured placement in each academic year through campus placement.

Medical facilities

Student Insurance

19 Students Activity Body: The College has a Student Union, the objectives of which shall be:

1. To train the students of the College in the duties, responsibilities and rights of citizenship.
2. To promote opportunities for the development of character, leadership, efficiency, knowledge and spirit of service among students.
3. To organize debates, seminars, work squads, tours and other such functions.
4. To encourage sports, arts and other cultural, educational, social and recreational activities that is conclusive of the above activities.

Cultural activities : A national level cultural festival “DHRUVA” is held every year in the college campus. Intra-collegiate cultural fest is also held annually.

Sports activities : College has facility for both indoor & outdoor games. The college has a full-fledged health gymnasium funded by P.T.A. The college conducts annual sports meet.

Magazine / Newsletter : Annual class magazines are brought out by each class. In addition, a college magazine is brought out every year by students. Articles in various languages & drawings by students occupy a major portion in this besides the report by the principal, various clubs & articles by staff.

Technical activities /Tech Fest : A national level technical festival “YAGNA” focusing on women’s colleges is held every year in the college campus

Industrial Visits / Tours : Students go for industrial visit & tour once in a year. They visit various national institutions like ISRO, ISAC, DRDO,

research labs, HLL, SCIMST etc.

Alumni activities : The College has an alumni association, LITAA-LBS Institute of Tech Alumni Association. The Alumni sponsors cash prize & certificates for the college toppers every year.

20 Name of the Information Officer for RTI: Dr. R. Balachandran Nair

Designation : Selection Grade Lecturer, Dept. of Physics

Phone number with STD code : 0471 2475802, 9400475802

FAX number with STD code : 0471- 2343395

Email : rbnair@live.in