

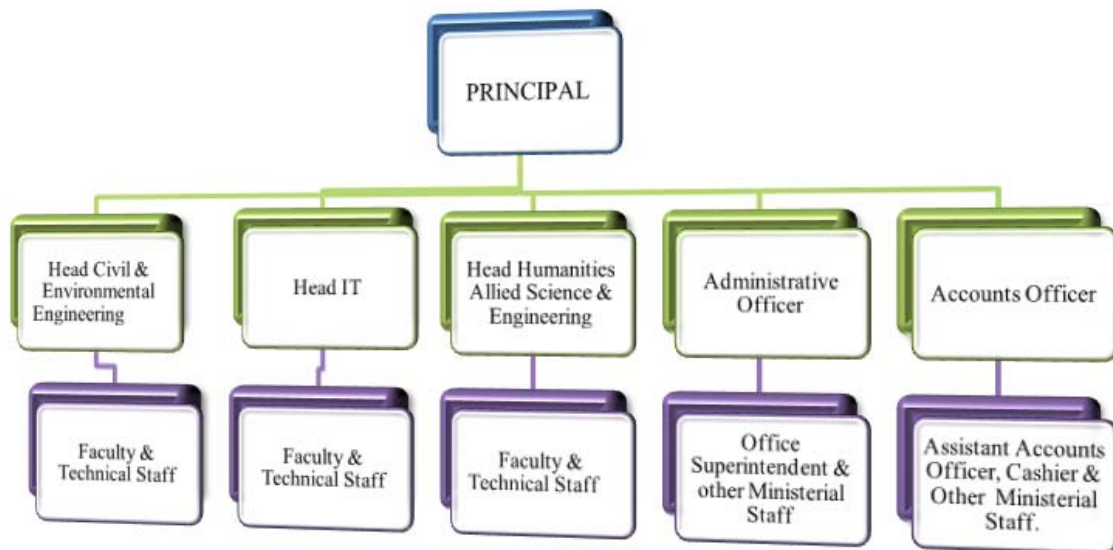
MANDATORY DISCLOSURE

Mandatory Disclosure updated on February 2010

- | | |
|---|---|
| 1. AICTE File No. | F.No.06/01/DEL/ENGG./2007/17 Dated 29-06-07 |
| Date and Period of last approval | Date : July 16, 2008 Period of Approval:2008-10 |
| 2. Name of the Institution | Ch. Brahm Prakash Government Engineering College |
| Address of the Institution | Jaffarpur, Delhi-110 073. |
| City & Pin Code | Delhi-110 073. |
| State/UT | Delhi |
| Longitude & Latitude | |
| Phone Number with STD Code | 011 -28014600
011-225318161 |
| Fax number with STD Code | 011-25318158 |
| Office Hours at the Institution | 09.00 a.m. to 5.30 p.m. |
| Academic hours | 09.15 a.m. to 5.15 p.m. |
| E-mail | principal@gecdelhi.ac.in & pplgec@gmail.com . |
| Website | gecdelhi.ac.in |
| Nearest Railway Station (dist. in Km) | New Delhi (about 40 kms.) |
| Nearest Airport (dist. in Km) | IGI Airport (about 20 kms.) |
| 3.Type of Institution | Government of NCT of Delhi. |
| Category(1) of the Institution | Non Minority |
| Category (2) of the Institution | Co-Ed. |
| 4. Name of the organization running the Institution | Department of Training & Technical Education,
Government of NCT of Delhi, Delhi |
| Type of the Organization | Government |
| Address of the Organization | Muni Maya Ram Marg, Pitampura, Delhi. |
| Registered with | Not Applicable |
| Registration Date | Not Applicable |
| Website of the Organization | http://www.tte.delhigovt.nic.in |
| 5. Name of the Affiliated University | Guru Gobind Singh Indraprastha University |

Address	Kashmere Gate, Delhi-110006.
Website	www.ipu.ac.in & ggsipu.nic.in
Latest affiliation period	2009-2010
6. Name of the Principal/Director	Dr. (Mrs.) Pratima Rani Bose
Exact Designation	Professor & Principal
Phone number with STD Code	011-25318161 011 -28014600
Fax Number with STD Code	011-25318158
Email	principal@gecdelhi.ac.in & pplgec@gmail.com
Highest Degree	Ph. D. (Structural Dynamics)
Field of specialization	Earthquake Engineering (Structures)
7. Governing Board Members	The College works under the Deptt. of Training & Technical Education, Govt. of NCT of Delhi. Though it is a separate Department of Delhi Government and the Principal is Head of Department.
Frequency of meetings & date of last meeting	Regular Meetings are held with Principal Secretary, Department of Training & Technical Education.
8. Academic Advisory Body	College works as per the Academic Council/Academic Requirements of the Guru Gobind Singh Inpdraprastha University.
Frequency of meetings & last date of meeting	Available with University.

9. Organizational Chart



10. Student feedback mechanism on institutional Governance/faculty performance

Student feedback is taken through frequent discussions with Heads, Dean & Principal in respect of faculty performance and other activities of the college and if found appropriate corrective measures are introduced. Various committees are formed.

11. Grievance redressal mechanism for faculty, Staff and students

Faculty and staff grievances are redressed as per government rules. Everybody is free to raise concern about any issue. The students can freely approach Principal, Dean (Academic Affairs), Dean (Student Welfare), OSD (Academic), other faculties and administration of this College. Various committees are formed to resolve the issues related with students.

12. Name of the Department*

Course B. Tech. (Civil Engg.)
Level UG

1st Year of Approval by the Council 2007

Sanctioned intake for 2007	60 (2007-08)	60 (2008-09)	60 (2009-2010)
Actual Admissions	64* (2007-08)	64 (2008-09)	60 (2009-2010)

*(out of four, one left the course)

Course B. Tech. (Information Technology)

Level UG

1st year of Approval by the Council 2007

Sanctioned intake for 2007	60 (2007-08)	60 (2008-09)	60 (2009-2010)
Actual Admissions	60 (2007-08)	60 (2008-09)	60 (2009-2010)

Course B. Tech. (Environmental Engg)

Level UG

1st year of Approval by the Council 2008

Sanctioned intake	30 (2008-09)	30 (2009-2010)
Actual Admissions	30 (2008-09)	30 (2009-2010)

Cut off marks – General Quota Refer to GGSIP University Website

ggsipu.nic.in & ipu.ac.in

% Students passed with Distinction First Batch not passed out.

% Students passed with First Class First Batch not passed out.

Students data and pass % since last three years.

Students Placed It is a new a new college established in 2007 and no batch has passed out till date. However, Government has approved the post of Training & Placement Officer of Professor Grade. Placement cell has started working. Presently one regular lecturer is looking after the duties of Training & Placement Officer.

Average Pay package, Rs./Year Not Applicable

Students opted for Higher Studies Not Applicable

Accreditation Status of the course Not eligible yet

Doctoral Courses Yes/No Yes Faculty is eligible.

Foreign Collaborations, if any Not Applicable

Professional Society Memberships Not Applicable

Professional activities College is organizing technical festival.

Consultancy activities Rules are existing

Grants fetched All grants utilized for development are from Govt. of Delhi.

Departmental Achievements -

Distinguished Alumni Not applicable

13. I. Name of Teaching Staff Dr. Pratima R. Bose

Designation Principal

Department	Civil & Environmental Engineering
Date of Joining the Institution	March, 2007
Qualifications with class/grade	Ph. D.
Total Experience in Years	35 years Teaching, research and industrial consultancy
Papers Published	Published number of technical papers in National and International Journals and Conferences. Won the Best Paper awards of India Society of Earthquake Technology for her papers on Damage Survey of Latur Earthquake and on Restricted Movements of Bridge Bearings.
Papers Presented in Conferences	Many
PhD Guide ? Give Field & University	50 M.E. Dissertations
PhDs/Projects Guided	4 Ph.D. thesis in structures
Books Published/IPRs/Patents	109 publications
Professional Memberships	Life fellow of Indian Society of Earthquake Technology (ISET) and life member of many other Professional bodies. Also served as Chairperson of Delhi Chapter of ISET.
Consultancy Activities	Involved
Awards	02 Paper Award
Grants fetched	
Interaction with the Professional Institutions	- Yes

II. Name of Teaching Staff	Dr. V.K. Minocha		
Designation	Professor & Dean (Academic Affaris)		
Department	Civil & Environmental Engineering		
Date of Joining the Institution	25.7 2007		
Qualifications with class/grade	Ph. D		
Total Experience in Years	Teaching 24 years	Industry	Research
Papers Published	National 02		International 29
Papers Presented in Conferences	National 07		International 03
PhD Guide ? Give Field & University			
PhDs/Projects Guided			
Books Published/IPRs/Patents	i) Comprehensive Industry Document: Fertilizer Industry: COINDS/50/1994-95, Central Pollution Control Board, Delhi, July, 1994. ii) Stream Water Quality management using QUAL2E: Ecological Impact Assessment Series: EIAS/03/2002-03. Central Pollution control Board publication, March 2003, Delhi. iii) Souvenir and Abstracts published for IAME National Conference on "Innovative Approaches in the Management of		

Environment” held during 17-18 October 2003 (Convener of Technical Committee).

Professional Memberships -
Consultancy Activities -
Awards -
Grants fetched -
Interaction with the Professional Institutions -

III. Name of Teaching Staff Mr. Rajeev Kumar
(For two and Half days from Netaji Subhash Institute of Technology)

Designation Assistant Professor

Department Information Technology

Date of Joining the Institution 5.11.2008

Qualifications with class/grade M.E.

Total Experience in Years Teaching Industry Research
10 years
(including research)

Papers Published National International
- -

Papers Presented in Conferences National International
- -

PhD Guide ? Give Field & University M.E. , M. Tech.

PhDs/Projects Guided -

Books Published/IPRs/Patents Book Review

Professional Memberships IETE

Consultancy Activities 2

Awards -

Grants fetched -

Interaction with the Professional Institutions -

IV. Name of Teaching Staff Mr. Bijender Kumar
(For two and Half days from Netaji Subhash Institute of Technology)

Designation	Lecturer
Department	Information Technology
Date of Joining the Institution	August, 2007
Qualifications with class/grade	B.E. (Computer Science & Engg.) First Class
Total Experience in Years	Teaching Industry Research
Papers Published	National International 3 4
Papers Presented in Conferences	National International
PhD Guide ? Give Field & University	-
PhDs/Projects Guided	-
Books Published/IPRs/Patents	-
Professional Memberships	ISTE LM
Consultancy Activities	-
Awards	-
Grants fetched	-
Interaction with the Professional Institutions	-

V. Name of Teaching Staff	Mr. S. Gupta
Designation	Lecturer
Department	Information Technology
Date of Joining the Institution	14.8. 2007
Qualifications with class/grade	B. Tech.
Total Experience in Years	Teaching Industry Research 14 ears 3 years -
Papers Published	National International - -
Papers Presented in Conferences	National International
PhD Guide ? Give Field & University	-
PhDs/Projects Guided	-
Books Published/IPRs/Patents	-
Professional Memberships	-
Consultancy Activities	-
Awards	-
Grants fetched	-
Interaction with the Professional Institutions	-

VI. Name of Teaching Staff	Mr. Pankaj Lathar
Designation	Lecturer

Department	Information Technology
Date of Joining the Institution	January, 2010
Qualifications with class/grade	M. Tech.
Total Experience in Years	Teaching Industry Research 10 years
Papers Published	National International 8 -
Papers Presented in Conferences	National International
PhD Guide ? Give Field & University	- -
PhDs/Projects Guided	Approx. 50 students of MCA, BCA, M. Phil. & CS guided
Books Published/IPRs/Patents	1
Professional Memberships	CSI, ISTE
Consultancy Activities	1
Awards	1
Grants fetched	-
Interaction with the Professional Institutions	many

VII. Name of Teaching Staff	Mr. G.N.G. Giri
Designation	Lecturer
Department	Civil
Date of Joining the Institution	9.5. 2007
Qualifications with class/grade	
Total Experience in Years	Teaching Industry Research 17 years
Papers Published	National International 01 -
Papers Presented in Conferences	National International
PhD Guide ? Give Field & University	- -
PhDs/Projects Guided	-
Books Published/IPRs/Patents	-
Professional Memberships	ISTE
Consultancy Activities	-
Awards	-
Grants fetched	-
Interaction with the Professional Institutions	-

VIII. Name of Teaching Staff	Mr. Ajai Kumar Gautam (worked till 23.2.2010)		
Designation	Lecturer		
Department	Information Technology		
Date of Joining the Institution	19.1.2009		
Qualifications with class/grade	M. Tech. (E&C)		
Total Experience in Years	Teaching	Industry	Research
	10 years		
Papers Published	National		International
	-		-
Papers Presented in Conferences	National		International
PhD Guide ? Give Field & University	-		
PhDs/Projects Guided	-		
Books Published/IPRs/Patents	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with the Professional Institutions	-		

IX. Name of Teaching Staff	Ms. Manju Yadav		
Designation	Lecturer		
Department	Environmental Engineering		
Date of Joining the Institution	19.1.2009		
Qualifications with class/grade	M. Tech.		
Total Experience in Years	Teaching	Industry	Research
	1 year		
Papers Published	National		International
Papers Presented in Conferences	National		International
	1		
PhD Guide ? Give Field & University	-		
PhDs/Projects Guided	-		
Books Published/IPRs/Patents	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with the Professional Institutions	-		

X. Name of Teaching Staff	Dr. Vikas Bhardwaj		
Designation	Lecturer		
Department	Chemistry		
Date of Joining the Institution	1.8.2008		
Qualifications with class/grade	M.Sc. , Ph.D.		
Total Experience in Years	Teaching 5 years	Industry	Research
Papers Published	National 04		International -
Papers Presented in Conferences	National 03		International -
PhD Guide ? Give Field & University	-		
PhDs/Projects Guided	-		
Books Published/IPRs/Patents	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with the Professional Institutions	-		

XI. Name of Teaching Staff	Ms. A. Mubin Mazlina		
Designation	Lecturer		
Department	Communication skills in English		
Date of Joining the Institution	9.11.2009		
Qualifications with class/grade	M. Phil.		
Total Experience in Years	Teaching 3 years	Industry	Research
Papers Published	National -		International
Papers Presented in Conferences	National -		International
PhD Guide ? Give Field & University	-		
PhDs/Projects Guided	-		
Books Published/IPRs/Patents	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with the Professional Institutions	-		

XII. Name of Teaching Staff	Ms. Pratibha Malik		
Designation	Lecturer		
Department	Physics		
Date of Joining the Institution	9.11.2009		
Qualifications with class/grade	M. Sc., MIT, M.Tech.		
Total Experience in Years	Teaching	Industry	Research
	3 years		
Papers Published	National		International
	-		
Papers Presented in Conferences	National		International
	-		
PhD Guide ? Give Field & University	-		
PhDs/Projects Guided	-		
Books Published/IPRs/Patents	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with the Professional Institutions	-		

XIII. Name of Teaching Staff	Mr. Saket Bihari (worked till 7.3.2010)		
Designation	Lecturer		
Department	Civil		
Date of Joining the Institution	12.09.2008		
Qualifications with class/grade	M.E. (Environmental Engg.)		
Total Experience in Years	Teaching	Industry	Research
	1 and half years		
Papers Published	National		International
	-		
Papers Presented in Conferences	National		International
	-		
PhD Guide ? Give Field & University	-		
PhDs/Projects Guided	-		
Books Published/IPRs/Patents	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with the Professional Institutions	-		

XIV. Name of Teaching Staff	Mr. Amit Kr. Aggarwal
Designation	Lecturer
Department	Communication skills in English
Date of Joining the Institution	9.11.2009
Qualifications with class/grade	M. Phil.
Total Experience in Years	Teaching Industry Research 9 months
Papers Published	National International
Papers Presented in Conferences	- National International
PhD Guide ? Give Field & University	-
PhDs/Projects Guided	-
Books Published/IPRs/Patents	-
Professional Memberships	-
Consultancy Activities	-
Awards	-
Grants fetched	-
Interaction with the Professional Institutions	-

XV. Name of Teaching Staff	Mr. Naresh Kr. Parashar
Designation	Lecturer
Department	Mathematics
Date of Joining the Institution	15.10.08
Qualifications with class/grade	M.Sc.
Total Experience in Years	Teaching Industry Research 1 and half years
Papers Published	National International
Papers Presented in Conferences	- National International
PhD Guide ? Give Field & University	-
PhDs/Projects Guided	-
Books Published/IPRs/Patents	-
Professional Memberships	-
Consultancy Activities	-
Awards	-
Grants fetched	-
Interaction with the Professional Institutions	-

XVI. Name of Teaching Staff	Ms. Rashmi Chaudhary (worked till 10.2.2010)		
Designation	Lecturer		
Department	Environment Engg.		
Date of Joining the Institution	30.10.2009		
Qualifications with class/grade	B.E.		
Total Experience in Years	Teaching 4 months	Industry	Research
Papers Published	National		International
Papers Presented in Conferences	National		International
PhD Guide ? Give Field & University	-		
PhDs/Projects Guided	-		
Books Published/IPRs/Patents	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with the Professional Institutions	-		

XVII. Name of Teaching Staff	Mr. Praveen Kumar (worked till 9.3.2010)		
Designation	Lecturer		
Department	Information Technology		
Date of Joining the Institution	30.10.2009		
Qualifications with class/grade	B.E.		
Total Experience in Years	Teaching 4 months	Industry	Research
Papers Published	National		International
Papers Presented in Conferences	National		International
PhD Guide ? Give Field & University	-		
PhDs/Projects Guided	-		
Books Published/IPRs/Patents	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with the Professional Institutions	-		

XVIII. Name of Teaching Staff	Mr. Parveen Kumar		
Designation	Lecturer		
Department	Information Technology		
Date of Joining the Institution	11.11.2009		
Qualifications with class/grade	M. Tech.		
Total Experience in Years	Teaching 3 years	Industry	Research
Papers Published	National		International
Papers Presented in Conferences	National		International
PhD Guide ? Give Field & University	-		
PhDs/Projects Guided	-		
Books Published/IPRs/Patents	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with the Professional Institutions	-		

XIX. Name of Teaching Staff	Mrs. V. Lalitha Angeline Ruby		
Designation	Lecturer		
Department	Information Technology		
Date of Joining the Institution	20.10.2009		
Qualifications with class/grade	B.E., PGDBA (Operations)		
Total Experience in Years	Teaching 6 years	Industry	Research
Papers Published	National		International
Papers Presented in Conferences	National		International
Ph D Guide ? Give Field & University	-		
PhDs/Projects Guided	-		
Books Published/IPRs/Patents	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with the Professional Institutions	-		

XX. Name of Teaching Staff	Mr. Abhishek Tiwari		
Designation	Lecturer		
Department	Information Technology		
Date of Joining the Institution	23.2.2010		
Qualifications with class/grade	B. Tech. in Computer Science		
Total Experience in Years	Teaching 4 months	Industry	Research
Papers Published	National		International
Papers Presented in Conferences	National		International
Ph D Guide ? Give Field & University	-		
PhDs/Projects Guided	-		
Books Published/IPRs/Patents	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with the Professional Institutions	-		

XXI. Name of Teaching Staff	Ms. Ritu		
Designation	Lecturer		
Department	Information Technology		
Date of Joining the Institution	*		
Qualifications with class/grade	M. Tech.		
Total Experience in Years	Teaching	Industry	Research
Papers Published	National		International
Papers Presented in Conferences	National		International
Ph D Guide ? Give Field & University	-		
PhDs/Projects Guided	-		
Books Published/IPRs/Patents	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with the Professional Institutions	-		

XXII. Name of Teaching Staff	Mr. Ankur Badhwar		
Designation	Lecturer		
Department	Information Technology		
Date of Joining the Institution	*		
Qualifications with class/grade	-		
Total Experience in Years	Teaching	Industry	Research
Papers Published	National	International	
Papers Presented in Conferences	National	International	
Ph D Guide ? Give Field & University	-		
PhDs/Projects Guided	-		
Books Published/IPRs/Patents	-		
Professional Memberships	-		
Consultancy Activities	-		
Awards	-		
Grants fetched	-		
Interaction with the Professional Institutions	-		

* recently joined.

14.	Admission Quota*	
	Entrance test/admission criteria	Admissions are being done on the basis of entrance tests conducted by Guru Gobind Singh I.P. University as per Govt. rules
	Cut off/last candidate admitted	Through entrance test conducted by GGSIP University as per its norms & regulations details are with University.
	Fees in rupees	Rs. 8,000/- (University Fee Refundable) Rs. 5,000/- (One time security) Rs. 25,000/- (Govt. component + student development) <u>Rs.38,000/-</u> =====
	Number of fee waivers offered	Not Applicable
	Admission Calendar	Refer to GGSIP University website ggsipu.nic.in & ipu.ac.in
	PIO Quota	Yes/No

15.	Infrastructural Information ^	
	Class room/Tutorial Room facilities	Available
	Laboratory details	Available
	Computer Centre facilities	Available (See Annexure)
	Library facilities	Available
	Auditorium/Seminar Halls/Amphi	Available
	Cafeteria	Available
	Indoor Sports facilities	Table Tannis facility available
	Outdoor Sports facilities	Basket ball facility available and volley ball court is under construction.
	Gymnasium facilities	under process
	Facilities for disabled	some are available and other are under Development.
	Any other facilities	Available
16.	Boys Hostel	Facility available
	Girls Hostel	Available
	Medical & other Facilities at Hostel	Medical facility at Rao Tula Ram Memorial Hospital available.
17.	Academic Sessions	
	Examination system, Year/Sem.	As per I.P. University Rules.
	Period of declaration of results	As per I.P. University Rules.
18.	Counseling/Mentoring	
	Career Counseling	Available
	Medical facilities	Available
	Student Insurance	Not Applicable
19.	Students Activity Body	
	Cultural activities	<ul style="list-style-type: none"> - “Prarambh” Festival organized by the students of the college on 6.3.2009. Cultural activities Dance Solo and Group, Singing and other activities organized during the festival. - Independence Day and Republic Day being celebrated every year. - Deepawali Festival was also celebrated by the students.
	Sports activities	<ul style="list-style-type: none"> - The College also participated in Cycle Rally organized by DTTE held on 1.11.2009 at New Delhi. - Sports Meet was also organized by the College from 3.2.2010 to 6.2.2010.
	Literary activities	<ul style="list-style-type: none"> - Basket Ball, Cricket and Table Tennis facilities are available. Yes activities are being held from time to time.

Magazine/Newsletter	Available in Library
Technical activities/TechFest	Technical activities
Industrial Visits/Tours	Visits are being organized.
Alumni activities	Not applicable
20. Name of the Information Officer for RTI	Mr. Shashank Gupta Nodal Officer for RTI
Designation	Lecturer
Phone number with STD Code	011-25318159
Fax number with STD Code	011-25318158
Email	pplgec@gmail.com.

LABORATORY:**LAB STATUS (Common for all courses)****Applied Physics Lab**

S.No.	Name of Equipment	Quantity
1.	Newton's Ring Compact Experimental Setup	2
2	Sodium Light source Imported 35 W with Housing & Electrical Lead & Transformer.	1
3.	Gratings: Compact Experimental Setup comprised of Spectrometer	2
4.	Mercury light Source	1
5.	Kater's Pendulum	2
6.	Fiber Optics Experimental kit Model ST -2501	1
7.	Fiber Optics Experimental Kit Model ST-2502	1
8.	Single Trace CRO 5 MHz.	1
9.	Dual Trace CRO 20 MHz.	1
10.	Lee's & Charton's Disk Apparatus	2
11.	Hall Effect Apparatus	1
12.	Helium Neon Laser Experiment	1
13.	Charging & Discharging of Capacitors	1
14.	Charging & Discharging of Capacitor	2
15.	Laclanche Cell Using Potentiometer	1

Applied Chemistry Lab: List of equipment

- UV-Visible Spectrophotometer (Model GS-5705)
- PC-Based Double Beam Spectrophotometer
- Temp. Controlled Oven
- Photo-Colorimeter
- Digital – PH-meter
- Water Deionizer (De-mineralizer)
- Electrical Single Pan Balance

Electrical Science Lab

S.No.	Name of Equipment	Quantity
1.	Study of RLC Circuit Kit	2
2.	Speed Control & Load Circuit of DC shunt motor	1
3.	DC SCR Power supply	1
4.	Control panel for Single Phase Transformer	1
5.	Resistive Load Single Phase 2.5 Kw	2
6.	Measurement of 2 Wattmeter Method	1
7.	3-Phase Capacitive Load	1
8.	30-Phase Resistive Load	1
9.	O/C & S/C test	1
10.	Digital Multimeters	5
11.	Verification of N/W Theorems	2
12.	Function Generator	2
13.	Calibration of Ammeter , Voltmeter etc.	2
14.	Transformer Single Phase 2KW Amp 230/460/ Volts	1
13.	3- Phase Inductive Load	1

Applied Mechanical Lab:

S.No. Description

- Force Polygon Apparatus
- Parallel Force Apparatus
- Inclined Plane (Simply Supported Type)
- Jib Crane Apparatus
- Screw Jack Apparatus
- Differential Wheel & Axle
- Worm & Worm Wheel Apparatus
- Truss Apparatus
- Bell Crank Lever Apparatus
- Flywheel Apparatus

CIVIL & ENVIRONMENTAL ENGINEERING LABS

Geoinformatics Lab:

- Optical Square
- Box Sextant
- Prismatic compass 100 mm made from gun metal having aluminum graduated dial, magnetic needle & prism, sight vane & object vane kept in a leather case with tubular stand as per IS
- Surveyor compass 100 mm made from gun metal having graduated dial, magnetic needle with sight vane & object vane kept in a leather case with tubular stand as per IS
- Telescopic Alidade 225 mm long to measure angle of elevation & depression upto 30° with least count 6 minutes kept in a box.
- Dumpy level 225 mm long telescope with accessories kept in a box with aluminum tripod stand in canvas cover.
- IOP level 175 mm long telescope with accessories kept in a plastic box with aluminum tripod stand in canvas cover.
- Telescopic leveling staff in three pieces made of aluminum duly painted and graduated as per IS.
 - (i) 4m long.
 - (ii) 5m long.
- Micro optic transit theodolite with least count 10 seconds with optical plummet illumination with accessories kept in a box with aluminum tripod stand in canvas cover.
- Transit theodolite with least count 20 seconds with accessories kept in a box with aluminum tripod stand in canvas cover.
- Tangent clinometer made of gun metal kept in a wooden box.
- Survey Chain – It shall be made of hard drawn wire with brass handles, tallies & strap as per IS with 10 Arrows.
 - (i) 30 m long.
 - (ii) 20 m long.
- Ranging Rod made of steel conduit pipe bottom with conical shoe painted as per IS
 - (i) 3 m long.
 - (ii) 2 m long.
- Offset rod having cross slits at 90° with shoe at one end painted & graduated as per IS.
- Measuring tape metallic in a leather case as per IS.
 - (i) 20 m long.
 - (ii) 30 m long.
- Pegs wooden of 15 cm.dia conical, 30cm long.
- Steel tape as per IS 30 m long.

- Prismatic compass 100 mm made from gun metal having aluminum graduated dial, magnetic needle & prism, sight vane & object vane kept in a leather case with tubular stand as per IS
- Surveyor compass 100 mm made from gun metal having graduated dial, magnetic needle with sight vane & object vane kept in a leather case with tubular stand as per IS.
- Dumpy level 225 mm long telescope with accessories kept in a box with aluminum tripod stand in canvas cover.
- IOP level 175 mm long telescope with accessories kept in a plastic box with aluminum tripod stand in canvas cover.
- Telescopic leveling staff in three pieces made of aluminium duly painted and graduated as per IS.
 - (i) 4m long.
 - (ii) 5m long.
- Transit theodolite with least count 20 seconds with accessories kept in a box with aluminum tripod stand in canvas cover.
- Survey umbrella non magnetic made of water proof fabric with brass ribs with strong seasoned wood pole with strong shoes, fittings with extension joint 2m.dia.
- Hand level 100 mm size
- Abney level with slow motion arrangement 125 mm size.
- Purchase process of other equipment for this course under progress

Geology Lab :

Sl.No.	Particulars	Quantity
1.	Collection of Minerals showing fracture set of 7	One Set
2.	Collection of Minerals showing ores set of 20	One Set
3.	Collection of Minerals for cement industry set of 13	One Set
4.	Collection of Minerals for building industry set of 15	One Set
5.	Collection of Minerals Indian Rocks set of 20	One Set
6.	Collection of 15 igneous, 15 sedimentary, 15 metamorphic, Rocks in 3 separate boxes	One Set
7.	Hardness scale box with 9 minerals, Streak plate a knife and magnet in a box	One Set

Fluid Mechanics Lab and Hydraulics Lab :

- Francis Turbine (Closed Circuit)
- Orifice and Mouthpiece.
- Losses in Pipe Fittings (Minor Losses) Apparatus
- Orifice Meter Apparatus
- Venturimeter Apparatus
- Notch (Weir) Tank Apparatus.
- Bernoulli's Theorem Apparatus
- Meta Centric Height Ship Model.
- Pipe Friction Apparatus (Closed Circuit)
- Centrifugal Pump (Closed Circuit)
- Rota Meter Test Rig (Closed Circuit)
- Impact of Jet Apparatus (Closed Circuit)
- Reciprocating Pump (Closed Circuit)
- Pelton Wheel Turbine Test Rig (Closed Circuit)
- Kaplan Turbine Test Rig (1 Hp Capacity)

Geotechnical Engineering Lab-I: Tender opened on 03-10-08 list of equipment is given below :-

- Electrically cum Manually operated Triaxial Shear Test Apparatus
- Pore water pressure apparatus for Triaxial Test.
- Soil Compaction Apparatus (Automatic motorized) as per IS 2720.

Direct Shear Apparatus as per IS 2720 (Part XIII), IS 11229 – Motorised-cum-Hand Operated.

- Sampling Kit for 38 mm.dia Soil Specimen. It shall consists of the following for un disturbed soil samples :-
 - (i) Rock type extractor.
 - (ii) Split mould 38 mm.dia x 76 mm long.
 - (iii) Split mould 38 mm.dia x 85 mm long.
 - (iv) Sampling tube 38 mm.dia x 150 mm long.
 - (v) Sampling tube 38 mm.dia x 200 mm long.
 - (vi) Jarring Link, small with adapter for sampling tubes.
- Hot air oven with Digital Display with $\frac{3}{4}$ or more chambers.
605 x 605 x 605 mm – 1 No.
605 x 910 x 605 mm – 1 No.
- Electronic Balance of capacity 500 gm with sensitivity 0.02 gm with approved calibration certificate.
- Liquid Limit Device Apparatus (with arrangements for manual operations) with counter as per IS 2720 (Part-V), IS 9259.
- Cone Penetration as per IS 2720 (Part V), IS 11196.
- Plastic Limit Apparatus as per IS 2720 (Part V).
- Shrinkage Limit Apparatus as per IS 10077 and IS 2720 (Part VI).
- Standard Test Sieves (with Pan and Covers for each set) as per IS 460 (Part-I) or IS 460 (Part-II).
- Sieve Shaker (Motorised).
 - (i) For 200 mm sieve.
 - (ii) For 300 mm sieve.
 - (iii) For 450 mm sieve.
- Constant temperature bath :- Internal dimensions 600 mm x 300 mm x 380 mm deep with clear glass sides, it should have heater, thermostat and agitating unit capable of maintaining temperature at 27 ± 1 C High Speed Stirrer.
- Grain Size Distribution Apparatus :-
Hydrometer Method as per IS 2720 (Part-IV) High Speed Stirrer.
- Proctor Penetrometer
 - (i) Spring Type.
 - (ii) Proctor Penetrometer (Hydraulic Type).
- Permeability Apparatus as per IS 2720 (Part-XVII) & IS 11209.
- Laboratory California Bearing Ratio (CBR) Apparatus as per IS 2720 (Part VI) (Motorised).

- Laboratory Vane Shear Test Apparatus : As per IS 2720 (Part XXX) (Motorised-cum-Hand Operated). Unconfined Compressive strength Apparatus – As per IS 2720 (Part X) (Motorised-cum-Hand Operated).
- Sand Pouring Cylinder Apparatus as per IS 2720 (Part XXVIII).
- Pyenometer as per IS 2720.
- Density bottle (Borosil/Coning or any other standard Make) as per IS 2720 (Part I).
- Relative Density Apparatus as per IS 2720 (Part XIV) IS 10837.
- Consolidation Apparatus Three gang type as per IS 2720 (Part-XV), IS 12287.
- Constant Volume moulds.

Material Testing Lab –I: Tender opened on 03-10-08 list of equipment is given below

- Flexural strength Testing Machine as per IS 1727 & IS 4031 Motorised 4KN capacity
- Vicat Needle Apparatus as per is 5513- 1976-
- Le-Chatlier Apparatus as per IS 5514 for determination of soundness of cement .
- Slump Test Apparatus as per IS 7320-For determination of slump of concrete mix for consistency Vee-Bee consistency Apparatus as per IS 10510 for determination of consistency of concrete mix.
- Compaction factor Apparatus as per IS 5515 For determination & compaction factor of concrete mix for workability.
- Aggregate Impact test Apparatus as per IS 9377 For determining the Impact value of aggregate
- Longitudinal compressometer for determination of modulus of elasticity of concrete.
- Moulds- as per IS 516 IS 10086 for casting cement concrete test specimens for carrying out compressive and transverse strength tests.
 - (i) Cube Mould 150mm size It shall be made of cast iron having an internal size of 150mm±0.2mm & planeness of ±0.03 mm . It shall be supplied with base plate and carry ISI mark.
 - (ii) Beam Mould 40mm x 40mm x 160mm . It shall be made of mild steel an internal Size of 40mm + 0.2mm & 160mm ± 0.2mm & planeness of n±0.02mm. It shall be supplied with base plate.
 - (iii) Cylindrical Mould 150mm dia x 300mm high It shall be made of cast iron. Can be easily split into two parts having internal dia of 150mm ± 0.2mm & height 300 ± 1.0mm .
- Specific Gravity & water Absorption Apprapus for Aggregates as per IS 2386 part III.
- Aggregates Hardness Test Appratus for determining the quantity of soft particles in coarse aggregates

The following item is under process of procurement :-

Compression Testing Machine as per IS 5162, IS 14858 for determining compressive strength of Concrete.

Environmental Engineering Lab : List of equipment

- UV-Visible Spectrophotometer
- PC-Based Double Beam Spectrophotometer
- Temp. Controlled Oven.
- Photo-Colorimeter
- Digital –PH-meter
- Water Deionizer (De-mineralizer).
- Weather Station :- Comprising of Wind Direction & Wind Speed.
 - Relative Humidity
 - Ambient Temperature
 - Solar Radiation
 - Barometric Pressure.

➤ Following items are under process of procurement :-

Environmental Engg. Labs Equipments

Jar Testing Equipment	2 nos.
Muffle Furnace	1 no.
Respirable Dust sampler	1 no.
Analytical Balance	1 no.
Digital Colony Counter (Electronics)	1 no.
Chemical Oxygen Demand Digesters (COD)	2 nos.
Rotor of Standard Make : -	2 nos.
Rotary Shaking Machine	
Horizontal Laminar Flow Cabinet	1 no.
Centrifuge (cooling type)	2 nos.
Flame Photometer	1 no.
Auto Clave	

Material Testing Lab. –I (Civil Engg.)

Universal Testing Machine (UTM)	1 no.
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Material Testing Lab.-II (SOM Lab.) (under process of procurement)

Rockwell/Brinell	1 no.
Hardness Testing Machine	
Spring Testing Machine	1 no.
Torsion Testing Machine	1 no.
Impact Tester for Izod & Charpy	1 no.
Fatigue Testing Machine	1 no.

LAB STATUS

(For B. Tech Information Technology)

CAD Lab & Studio

Name of Laboratory	No. of Computers with configuration *	Other Equipments (Servers/Printers/Firewalls)	Legal Software (System & Application)
CAD Lab & Studio	40	Printers cum Photocopiers-Toshiba E studio	MS- Windows XP MS- Office 2003 MS- SQL Server MS- Windows Server **
	3	LCD Projectors	

*Configuration

Desktop PCs-Intel Dual Core- 3 Ghz, with 512 MB RAM, 160 GB HDD etc-Wipro

** All the mentioned softwares are with Open License except Windows XP

Software Engineering Lab

Name of Laboratory	No. of Computers with configuration*	Other Equipments (Servers/Printers/Firewalls)	Legal Software (System & Application)
Software Engg. Lab	30	Printers cum Photocopiers-Toshiba E studio	Procurement procedure is underway

* Configuration

Desktop PCs-Intel Core 2 Duo, with E4300 Processor and 1 GB RAM etc-HP

Web Design & Networking Lab

Name of Laboratory	No. of Computers with configuration *	Other Equipments (Servers/Printers/Firewalls)	Legal Software (System & Application)
Web Designing & Networking Lab	20	Printers cum Photocopiers-Toshiba E studio	Procurement procedure is underway

* Configuration

Desktop PCs-Intel Core 2 Duo, with E4300 Processor and 1 GB RAM etc-HP

Note: - Proposal for High Speed Reliable Networking of entire institute of about 275 nodes with Switches, Routers, Firewalls & Servers is in progress

Analog Electronics Lab, Circuit & Systems Lab and Digital Electronics Lab

S.No.	Name of Equipment	Quantity	Remarks
1	Ready to Use Circuit Boards	24	Common boards & Experiment Specific Breadboards
2.	Digital Storage Oscilloscope	12	
3.	Function Generator	6	
4.	Multimeters	20	
5.	Logic Analyzer	1	
6.	RF –Generator	1	

Note: For all semesters beyond 4th, procurement process has been initiated.

COMPUTING FACILITIES: As above

Number and Configuration of Systems

Total Number 114 & configuration as above

25 Computers added in March, 2010 with following configuration :-

- Configuration of Wipro Computers :
Pentium (R) 0.3 GHz Processor with 512 MB RAM and 160GB Hard Disk.
- Configuration of Wipro Computers :
Dual Core2 E4500 @ 2.20 GHz (1.19 GHz) Processor with 1 GB RAM and 160 GB Hard Disk.
- Order placed (configuration – Desktop Computers
Intel Core 2 Duo E7300, 2.4GHz, 2 MB L2, cache, 800 FSB, 2GB, DDR 2 Expandable upto 4 GB
Intel OEM Mother board, 160 GB SATA HDD, 17” SVGA Color Monitor TCO-03 Compliant).

Available Software :-

Primavera, AutoCAD Civil3D, AutoCAD(Architecture), AutoCAD(Structure), MS-office, SQL, SERVER 2005, MS-Windows Server 2003, RTIONAL ROSE, XILINX.

STAD, MAT Lab Softwares under process.

Total Number of systems connected by LAN

Under process

INTERNET BANDWIDTH

2 MB in process and presently 256 Kb is working by MTNL

Special purpose facilities available

WORKSHOP:

LIST OF EQUIPMENTS IN WORK SHOP

(A) MACHINE SHOP

S.NO.	Description	QTY. (Nos.)
1.	Lathe M/cs	02
2.	Pillar Drilling M/c	01
3.	Bench Grinder	01

(B) FOUNDRY SHOP

S.NO.	Description	QTY. (Nos.)
1.	Pit Furnance	01

(C) SHEET METAL SHOP

S.NO.	Description	QTY. (Nos.)
1.	Work Bench	04

(D) FITTING SHOP

S.NO.	Description	QTY. (Nos.)
1.	Bench Vice	20
2.	Work Bench	05
3.	Bench Grinder	01

(E) CARPENTRY SHOP

S.NO.	Description	QTY. (Nos.)
1.	Bench Vice	--
2.	Iron Jack Plane	10
3.	Shikanja	01

(F) WELDING SHOP

S.NO.	Description	QTY. (Nos.)
1.	Work Bench	04