

**Compliance Report for the
Academic Year 2007-08**



INDUS COLLEGE OF ENGINEERING

Barakuda Heights, Bhubaneswar, Orissa-752 050
Ph: (0674) 2111590, 2111591, Fax: (0674) 2595035,

www.indus.ac.in

COMPLIANCE REPORT

1 i) Name and Address of the Institution

Name	INDUS COLLEGE OF ENGINEERING	
Address	Permanent Location as approved by AICTE	Temporary Location (if applicable) NOT APPLICABLE
Village	BARAKUDA	
Taluk /PO	PANCHAGAON	
District	KHURDA	
Pin Code	752050	
State	ORISSA	
STD Code	0674	Phone No: 2111590/91/93
Fax No.	0674-2595035	E-Mail: admin@indus.ac.in
Nearest Rly Station	BHUBANESWAR	
Nearest Airport	BHUBANESWAR	
Web site	www.indus.ac.in	
File No with date of first approval:	F.No. 760-82/(NDEG)/ET/2007/07	Dated: 20.08.2007

1 ii) Information regarding Mandatory Disclosure:

- a) Whether the Mandatory Disclosure is hosted on the institutional website: Yes No
- b) If yes, web-site address on which Mandatory Disclosure is available: www.indus.ac.in
- c) Whether the faculty information provided in the Mandatory Disclosure is same as being submitted in the Compliance Report. Yes No
- d) Whether the information provided in the Mandatory Disclosure is being regularly updated.
Yes No
- Date on which the Mandatory Disclosure was last updated: 27.12.2007

1 iii) Whether the institution is operating at temporary location (if so provide details of permanent location along with survey no.)? NO

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2 i) Name and Address of the Society / Trust

Name	INDUS EDUCATIONAL AND CHARITABLE TRUST		
Address	N3/33, NAYAPALLI, IRC VILLAGE, BHUBANESWAR		
Pin Code	751015	STD Code	0674
Phone No.	0674-2550070	Fax No.	0674-2595035
E-Mail	info@indus.ac.in	Web site	www.indus.ac.in

2 ii) Brief details regarding background of the Trust/Society, Governing body members, etc.

Sl. No.	Name	Academic Qualification		Nature of Association with the Promoting Body
		Technical	Non Technical	
1.	Ravi Peddinti Reddy	Ph.D.		Chairman and Trustee
2.	Peddinti Butchi Reddy	A.M.Ae.S.I	BA	Managing Partner and Trustee
3.	Peddinti Sita			Trustee
4.	Ragoor Sujatha	MBBS		Trustee
5.	Peddinti Raja Reddy		BA	Trustee

3 Name and Designation of the Head of the Institution (*Principal / Director*)

Name	Dr. Peddinti Ravi Reddy				
Designation	Director (Academic)	Qualification: Ph. D	Highest Degree	Specialization	Total Experience
		Experience : 16 years in Teaching			
		Date of Birth: June 24, 1964			
STD Code	0674	Phone No. (O) 2111593	Fax No.	0674-2595035	
STD Code	0674	Phone No. (R) 2550070	Fax No.		
E-Mail	ravipreddy@yahoo.com	Mobile No. 09437079795	Date of joining the institution: April 01, 2007		

4. Type of Technical Institution (*Tick ✓ whichever is applicable*)

- i) University Dept./Constituent College of University/Deemed to be University
- ii) Central / State Government
- iii) Government Aided
- iv) Self-Financing (Minority)
- v) Self-Financing (Non-Minority)
- vi) Any other (Please specify)

5. Information on Establishment of the Institution

i)	Year of Establishment	<u>2007</u>
ii)	Date on which first approval was accorded by the Council	<u>AUGUST 20, 2007</u>
iii)	Year of Commencement of the first batch	<u>2007</u>
iv)	Details of Last extension letter with year of approval	<u>NOT APPLICABLE</u>

6. Whether there is any change of Name of the Institution, Society / Trust and Location of the Institution after AICTE approval? If yes, enclose details

i)	Whether the name of the Society has been changed If yes, give details	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
ii)	Whether the composition of the Society has been changed If yes, give details	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
iii)	Whether the name of the Institution has been changed If yes, give details	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
iv)	Whether the Institution is functioning at temporary site If yes, give details	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
v)	Whether the Institution has changed its permanent location If yes, give details	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

7. i) Whether there is any Court Case filed by the Institution against AICTE which is in progress? (Please tick (✓) appropriate box) Yes No

If yes, then give details with name of the Court, Writ Petition No. Subject Matter and Latest Status.

ii) Whether there is any case of Malpractices / Complaints/ or being penalized on account of non-submission of compliance within the cut-off-date, making excess admissions etc. against the

Institution ? if yes, provide details : Yes No

8. Name and Address of the Affiliating University

Name	BIJU PATNAIK UNIVERSITY OF TECHNOLOGY		
Address	UGI CAMPUS, ROURKELA, ORISSA		
Pin Code	769004	Period of Affiliation	awaiting official affiliation letter
STD Code	0661	Phone No.	2501349
Fax No.	0661-2501345	E-Mail	bput@bput.org
		Web site	www.bput.org

9. i) AICTE approved existing course(s) of study during academic year 2007-2008

			AICTE Approved Intake during last 4 years								Status of Accreditation (Validity period)
Courses	1 st Year of approval by AICTE (give approval ref. no. & date)	2007-2008		2006-2007		2005-2006		2004-2005			
		Sanctioned intake	Actual admissions	Sanctioned intake	Actual admissions	Sanctioned intake	Actual admissions	Sanctioned intake	Actual admissions		
UG(FT)	Computer Science and Engineering	F.No. 760-82/(NDEG)/ET/2007/07 dated 20.08.2007	60	60							NA
	Electronics and Communication Engineering	same as above	60	60							NA
	Information Technology	same as above	60	54							NA
	Electrical and Electronics Engineering	same as above	60	24							NA
UG(PT)											
PG(FT)											
PG(PT)											

FT: Full Time, PT: Part Time

9. ii) Whether any excess admissions over and above the sanctioned strength are made? **NO**
If yes, give details.

S. No.	Courses	Sanctioned Intake 2007-2008	Actual Admissions	No. of Excess Admissions	Reasons

- 9 iii) Is the Institution offering M. Phil or a Doctoral programmes ? **No**
If yes, give details

S. No.	Program	Specialization	Intake

10. i) Whether the Institution is sharing its facilities / premises with any other Institution or running any unapproved Programmes? If yes, give details. Yes No

A. Name of the other Institutions, which are sharing the facilities

B. Unapproved course(s) functioning in the college premises, its duration and intake

S. No.	Courses	Approving Authority	Affiliating Body	Degree / Diploma / Certificate	Duration (Years)	Sanctioned Intake	Actual Admissions during 2007-08
TOTAL							

- 10 ii) Whether admissions under PIO / Foreign Nationals quota has been approved for your institution by the AICTE? **NO**
If yes, give details.

S. No.	Courses	Sanctioned Intake 2007-2008	Actual Admissions

11. Status of Compliance of Specific Conditions / Deficiencies Communicated in the Last Approval/Extension of Approval by AICTE.

NO DEFFICIENCY COMMUNICATED

S.No.	Deficiencies Communicated / Specific Conditions	Compliance Report

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12. (i)Particulars of the Full Time Principal/Director of the institution

Name: **Dr. Peddinti Ravi Reddy**

Date of Birth: **24 June, 1964**

Academic qualifications (with field of specialization) :

- 1. B. Tech from IIT, Kharagpur in Mechanical Engineering**
- 2. M.S from University of Houston, USA in Mechanical Engineering**
- 3. Ph D from University of Houston, USA in Mechanical Engineering**

Details of Experience (Academic / Industrial) :

- 1. University of Houston - Asst. Prof. - 1 year and 1 month**
- 2. QCADD Engineering CADD Servives, Hyderabad - Managing Partner-
3 years and 9 months**
- 3. NIST, Berhampur, Orissa - Deputy Director- 10 years 9 months**
- 4. Indus College of Engineering, Orissa - Director (Academic) - 9 months**

Date of the appointment in the present institution : **April 01, 2007** :

12 ii) (a) *Faculty Position for the existing programme(s) (Programme-wise)

Name of the Programme (UG & PG)	Total Sanctioned Intake (last 4 yrs. for Engg./Arch./HMCT/ Pharmacy/ Applied Arts etc. , last 3 yrs. for MCA and last 2 yrs. for MBA/ PGDBM)	Total number of Faculty required as per norms (column 2 divided by 15)	Details of Faculty Available								Nature of Appointment	
			Professors (Rs. 16400-22400 scale) Ph.D. / Non Ph.D.		Assistant Professors / Readers (Rs. 12000-18000)		Lecturers (Rs.8000-13500)	Total	Others/visiting faculty	Total number of faculty Permanent & Approved by University	Total number of faculty on adhoc Basis	
			1	2	3	4	5	6	7	8	9	10
			Ph. D.	Non Ph.D	Ph. D.	Non Ph.D						
UG	240	16	1	2		3	12	18	0	18	0	
Humanities												
Social Sciences												

***NOTE: The institution should clearly give information about the faculty in each approved course(s) separately without any ambiguity.**

12 ii) (b) Details of the Full Time Teaching Faculty exclusively appointed and working for the AICTE approved programme with designation, date of birth, qualification alongwith class / division obtained, experience, date of joining and pay scale (Programme wise).

Name of the Course	S. No.	Name (s) of the Teaching Faculty	Designation (Lecturer/ Asst. Professor/ Professor)	Qualifications with field of specialization with class / division of passing			Date of Birth	Experience a) Teaching b) Industry c) Research			Date of Joining the Institution	Gross total salary as on date with scale & Basic Pay			PAN Number	P.F. A/c No.
				UG	PG	Doct orate		a	b	c		Scale	Basic Pay	Gross Salary		
				UG Level	1	Dr. Ravi P Reddy		Professor (Mechanical Engg.)	1st	1st		1st	24-06-1964	16		
	2	S S Mohanty	Professor (Chemistry)	1st	1st	cont .	19-03-1950	5	30	0	24-12-2007	16400		16400	AOAPM 5586P	
	3	Ramesh Chandra Mishra	Professor (Mechanical Engg.)	1st	1st	cont .	13-05-1961	4	19	0	26-11-2007	16400		29843		
	4	B. K. Dash	Asst. Prof. (Electrical Engg.)	1st	1st	cont .	03-05-1967	9	2	0	01-04-2007	14300		27480	AAYPD 9653N	
	5	Pragnajeet Mohanty	Asst. Prof (Electronics & Comm. Engg.)	1st	1st			3	5	0	11-11-2007	12000		12000		
	6	Sangram Pattanayak	Asst. Prof. (Electrical Engg.)	1st	cont .		20-12-1966	15	0	0	12-11-2007	12000		12000		
	7	Basant Samantra	Lecturer (Comp. Sc. & Engg.)	1st			06-03-1984	0	0	0	02-07-2007	8000		8000		
	8	Debasis Mohanty	Lecturer (Comp. Sc. & Engg.)	1st	cont .		05-07-1982	0	0	0	18-10-2007	8000		8000		
	9	Manas Ranjan Behera	Lecturer (Electronics & Comm. Engg.)	1st			03-07-1985	0	0	0	26-11-2007	8000		8000		
	10	Anisur Rahman	Lecturer (Comp. Sc. & Engg.)	1st			03-10-1982	0	0	0	10-12-2007	8000		8000		
	11	Debi Prasad Behera	Lecturer (Mech. Engg.)	1st			10-10-1982	1	0	0	28-10-2007	8000		8000		
	12	Om Prakash Satapathy	Lecturer (Comp. Sc. & Engg.)	1st			16-02-1984	1	0	0	28-10-2007	8000		8000		
	13	Shakti Prasanna Jena	Lecturer (Comp. Sc. & Engg.)	1st			01-07-1984	0	0	0	02-11-2007	8000		8000		
Humanities & Sciences	14	Sasmita Behera	Lecturer (Chemistry)	1st	1st		06-05-1982	1	0	0	29-10-2007	8275		9200		
	15	Pabitra Ojha	Lecturer (Math.)	1st	2nd		03-01-1983	3	0	0	15-10-2007	8275		9200		
	16	Pandit Jagadananda Mishra	Lecturer (Math.)	1st	1st		04-07-1984	1	0	0	31-10-2007	8000		8000		
	17	Hemanta Mahanta	Lecturer (Physics)	2nd	1st		24-06-1981	2	0	0	15-11-2007	8000		8000		
	18	Gurudev Meher	Lecturer (English)	2nd	2nd		16-07-1979	3	0	0	08-11-2007	8000		8000		

Important Note:

1. **The institution is required to submit:**
 - i. **A statement signed by each faculty member stating that he / she has been appointed and is working exclusively for the AICTE approved programme in the institution.**
 - ii. **An affidavit from the Chairman of the Trust / Society / Director of the institution stating that faculty members mentioned in the section 12 of the compliance report are exclusively teaching for the AICTE approved programme / institution.**
2. **The faculty in Humanities & Sciences / General subjects should be specifically mentioned.**

12 ii) (c) Information about stability of the Faculty (separately for each Programme).

S. No.	Programme	Category	Period of appointment				Total
			Less than 6 Months	Between 6 Months to 1 year	Between 2 to 3 years	More than 3 years	
1	UG	Professors	2	1			3
2	UG	Assistant Prof.	2	1			3
3	UG	Lecturers	12	0			12
4	UG	Others	0	0			0

12 ii) (d) Mode of selection of faculty and staff:

By a panel comprising of subject experts from different area.

Name of the newspapers in which advertisements are placed and their circulation status

The Samaj - 3,00,000; The Sambad - 3,00,000; The Dharitri - 3,00,000;
The New Indian Express - 6,00,000, The Times of India - 7,00,000

Constitution of the selection committee

Dr. Ravi P Reddy, Director (Academic), Dr. C. Nahak, IIT, Kharagpur;
Dr. A.K.Panda, NIST, Berhampur; Dr. A.K. Padhy, NIST, Berhampur;
Dr. A. Patnaik, IIT, Roorkee; Dr. B. D. Subudhi, NIT, Rourkela;
Prof. P. K. Patra, CET, Bhubaneswar, Prof. SB Neelamani, NIST, Berhampur,
Mr. B. N. Swain, Executive Director, NALCO, Bhubaneswar
Prof. A.K. Dash, CITE, Bhubaneswar

Whether University representative is invited

in the selection committee meeting. Yes

No

12 ii) (e) Details of Technical / Administrative / supporting Staff

S.No	Category Staff	Number
1	Technical Supporting Staff a) Workshop Attendant b) Workshop Technician c) Laboratory Assistant d) Librarian e) Assistant Librarian f) Programmer g) System Analyst h) Computer Lab in-charge i) Lab Attendants j) Electrician k) Carpenter	1 1 3 1 1 1 1 1 3 1 1
2	Administrative Staff a) Administrative Officer b) Medical Officer c) Accounts Officer/Assistant Account Officer d) Clerks e) Peons f) Sweepers g) Guards	1 1 1 3 3 2 10

13. Strengths & Weaknesses of the institution in terms of Teaching Methodology/Transaction of Syllabus /Innovations /best practices (if any)/ industrial project / Industrial consultancy / research taken up for industry and amount granted thereby:

Strengths

- ❖ **Industry Academia Collaboration** – The institution has embarked on an extensive industry linkage. The learning process is being extensively linked to industry feedback and industry interaction. Industry people are invited to the campus to take lectures on curriculum related topics.
- ❖ **Research Initiative** – The faculties are motivated to spend a high percentage of work hours in research oriented work. Efforts are also being taken to collaborate with other academic and industrial institutions of repute to start a good research initiative in the college. This would also benefit the faculty and ultimately the students by providing real life application of the learnings they undertake.
- ❖ **Project based pedagogy** – The teaching process is backed by high percentage of project based work. The projects reinforce the concepts taught in the lectures and students are able to grasp the fundamentals more effectively.
- ❖ **Teaching best practices** - The teaching best practice of leading Indian and International institutions are being borrowed and slowly incorporated into the teaching process to take the pedagogy of international standard.

- ❖ **Process based teaching methodology** – The teaching methodology is completely process based. The various process incorporating the teaching methodology is continuously monitored and improved.
- ❖ **Feedback System** – Continuous feedback are sought and looked into from the faculties and the students. The feedbacks are regularly collected and worked upon by a committee setup by the college who take steps according to the feedback mechanism provided.

Weakness

- ❖ **New College** – Our college being a new college it has to take couple of years to stand on it's own and make a mark in the academic and industry arena. The college is taking active steps through various forum to slowly overcome this weakness.
- ❖ **Location** – The college is located in Orissa, which has a low density of academic and industrial institutions. This can be a perceived weakness, but the college is taking active steps through various forum to slowly overcome this weakness.

14. Students data and pass % since last three years. NOT APPLICABLE

S.No.	Course	Year	Sanctioned Intake	Students Admitted	Students Passed out in first attempt	% of Students passed in first attempt	% of Students passing out with Distinction	% of Students with 1st Division	% of Students with IInd Division

NOTE: Average result of two Semesters in case of Semester system

15. i) Total no. of students placed by the Institution through its Placement Cell (Discipline wise)

NOT APPLICABLE

Year	Discipline	Total no. of students passed out (last 3 years)	Total no. of students placed through placement cell (last 3 years)

15 ii) Provide details of companies/Industries, which visited the institute for placement since the last three years.

NOT APPLICABLE

S.No.	Year	Name of the Company/Industry	Number of Students placed

16. Utilization status of grants received under various schemes of AICTE (R&D, MODROB, Faculty development, IIPC etc for the last three years).

NOT APPLICABLE

S.No	Name of the Scheme(s)	Grant sanctioned (Amount & Date)	Grant utilized	Whether utilization certificate submitted, if yes amount for which submitted	Major impact

17. Library facilities

- A Total area of the library 451 sqm
- B Seating capacity of the library 60
- C Reprographic facility (yes / No) YES
- D Working hours of library 08.30 AM - 06.30 PM
- E Library Networking facility (yes / No) YES
- F Usage data of the library (in terms of books issued to the faculty & students etc.) 16 faculties have issued 302 books
198 students have issued 1957 books
- G Annual library budget (% of annual student fee collected) 10%
- H Details of the library staff with qualifications and pay scales:
 1. Mr. Akshaya Kumar Khanda, Librarian
Qualification: MA, MLISc
Salary: Scale: Rs. 8000
 2. Mr. Bibhudatta Samantray, Library Assistant
Qualification: BA, BLISc
Salary: Rs.4,000 (Gross)

I Details of the library facilities

S.No	Course(s)	Number of titles of the books	Number of volumes	Journals	
				National	International
1	Computer Science & Engg.	350	1430	5	2
2	Electronics & Communication Engg.	428	1051	5	2
3	Information Technology	383	1228	5	2
4	Electrical & Electronics Engg.	321	1101	5	2
5	Science & Humanities	814	1526	4	0

18. Details of Laboratories & Workshops : Detail given in Annexure-6

S.No	Name of the Course	Name of the laboratory/workshop	Total Area of lab/workshop	Major equipment

19. Computer Facilities for the existing programme(s)

S.No	Particulars	Requirements as per Norms (1:4 all undergraduate UG Programmes and 1:2 for MBA/MCA/ PGDM/ PGDBM)		Availability	
1.	No of Computer terminals	60		71	
2.	Hardware Specification	P4 or equivalent processor or thin clients supported by a powerful server		P4	
3.	No of terminals of LAN/WAN	30		71	
4.	Relevant Legal Software	Application	System	Application	System
		4	2	4 purchased + 50 open sources	2 purchased + 100 open sources
5.	Peripheral(s)/ Printers	6 printers		6 printers	
6.	Internet Accessibility (in kbps & hrs)	510 kbps, 24X7		512 kbps, 24X7	

Whether the computer facilities are suitable for the existing programmes ?

Yes



No

20. Building

1. Available Built up area per student : 18.67 sqm

2. Total Built up Area for the existing programme(s): 4486.1 sqm

Particulars	Area required as per norms (Sq.M)	Building with RCC Roof (Sq.M)	Building with Sheet Roof (if suitable for Educational Institution) (Sq.M)	Total sanctioned intake (last 4 yrs. for Engg./Pharmacy/ HMCT/ Arch. etc. 2 yrs. MBA/ PGDBM and 3 yrs. for MCA)	Built up area per student (Sq.M)	Total Area Available (Sq.M)
Instructional Area (Carpet Area)	2770	705	2087.5	240	11.63	2792.5
Administrative Area (Carpet Area)	535	376.2	163.5		2.23	539.7
Amenities (Carpet Area)						
Circulation & Others	995	1148.8	5		4.81	1153.8
Total	4300	2230	2256		18.67	4486

21. Instructional Area for the existing programme(s)

Particulars	Number of rooms		Carpet area of each room	
	Requirement as per norms	Available in the institution	Requirement as per norms (sqm)	Available in the Institution (Sq.M)
Class Rooms	3	3	66	97+86+86=269 (total)
Tutorial Hall	2	2	33	43+43=86 (total)
Drawing Hall (*)	1	1	175	177
Computer Centre	1	1	150	172.5
Library	1	1	400	451
Laboratories & workshops	4	6	1275 (total)	200.5+483+431+172.5+350=1636
Total	11	13	2264	2792.5

- ❖ Whether any academic activity is being carried out in the basement
If yes, give details. Yes No
- ❖ Whether a barrier free environment has been created in the building for Physically challenged persons. Yes No
- ❖ Whether the Classrooms, Tutorial hall, Drawing hall, Computer centre, Library, Laboratory and workshops are well equipped for the existing courses. Yes No

22. Land Availability

Land Category <i>(Rural/ District Head Quarter/ State Capital/ Metropolitan city/ Mega City)</i>	Area required as per Land Category (Acres)	Total Area available (Acres)
RURAL AREA	10 ACRES	13.020 ACRES

- (a) Whether the said land is demarcated by fencing/ boundary wall for the institution *(Tick ✓ appropriate box)* Yes No
 - (b) Whether the land is contiguous *(Tick ✓ appropriate box)* Yes No
- If Not, Number of plots Distance between the plots (Sq.M)
- (c) Whether the surroundings of the institution are suitable for educational purpose. Yes No

23. Availability of other facilities:

S.No.	Parameter	Availability
1	All Weather Approach Road (cemented / kuchha)	YES
2	Potable Water Supply System (own bore well / municipal corporation)	YES
3	Electrical Generator (5kv, 5-10 kv, 10-15 kv, more than 20 kv)	30 KVA
4	Students' Canteen	YES
5	Students' Common Room (Boys / Girls)	YES
6	Hostel	Boys YES (Rented)
		Girls YES (Rented)
	If no hostel facility is available, whether arrangements have been made for boarding and lodging of students near to the institution, if yes mode of travel from the place of stay to the institution	
7	Principal's Quarters	YES (RENTED)
8	Digital Library	YES
9	Quarters for Faculty	YES (RENTED)
10	Guest House	YES (RENTED)
11	Parking facilities	YES
12	Medical facilities (full time / part time doctor / dispensary)	YES
13	Insurance facilities	YES

14	Telephone booth	YES
15	Gymnasium /indoor / outdoor stadium	YES
16	Rainwater-harvesting facilities are available	NO
17	Post office facility	NO
18	Bank facility	NO
19	Transport facility for day scholars	YES
20.	Reprographic facilities in the Institutions.	YES
21.	Barrier free environment for physically challenged.	YES

24. Fee Structure of the Institution

S.No.	Category	CET quota		Management quota	
		Fixed by the State Fee Committee	Being charged by the Institution	Fixed by the State Fee Committee	Being charged by the Institution
1.	Admission Fee				
2.	Tuition Fee	38,000 - 58,000	40,000	4 times the normal fees	The institute has not admitted any student under management quota
3.	University fee (Examination fee, Registration fee etc.)	4,500	4,500		
4.	Hostel fee (Rent etc.)	14,000 (Max.)	13000 (Max.)		
5.	Placement Fees	2,500	2,500		
6.	Transportation Fees	10,000 (Max.)	10,000 (optional)		
7.	Carrer Developement Fee		4,800 (optional)		
8.	Blazer Fees	4,000 (Max.)	2,500 (one time)		
9.	Caution Money	5,000	5,000 (refundable)		
10.	Books and Study Materials		4,500 (optional)		
	Total Fee		86,800 (including one-time, optional and refundable fees)		

25. Financial Position

- (i) Whether applicant has opened a bank account in the name of the Society/ Trust for the existing institution

Yes

No

(ii) Source of income & expenditure during the last year

S.No.	Source of Income	Rs. (in lakhs)	Expenditure during the last year	Rs. (in lakhs)
1.	Central Government		Salary of Full-Time Faculty	
2.	State Government		Salary for Visiting/Adjunct faculty	
3.	University Grants Commission		Salary of Non-Teaching Staff	
4.	Other Central/State Govt. Bodies		Library	
5.	Private Trust		Computer Centre	
6.	Donations and Trustee's Contribution	62.75	Equipments Labs and Workshops	
7.	Student Fees		Building	
8.	Internal Revenue Generation		Land and Site Development	79.75
9.	Others: Private Loan	17.00		
	Total	79.75		79.75

(iii) Details of Operational funds

S.No.	Name of Bank With Branch & Full Address	Account No.	Cash Balance (in lakhs)	FDR, if any (Excluding joint FDR submitted to AICTE)	Total Amount (in lakhs)
	Punjab National Bank, Station Square Branch, Bhubaneswar	0553008700003142	10.049 Lakhs	15 Lakhs FDR No. PS-2879	25.049 Lakhs

Declaration:

It is certified that:

- a) Existing Courses are being conducted as per norms, standards and guidelines of the AICTE.
- b) All the physical deficiencies stated in the last approval letter have been complied with.
- c) The AICTE pay scales are being paid to the faculty members.
- d) The admissions are made on merit and no capitation fee or donation of any kind is charged for admission.
- e) The teaching faculty has been recruited as per qualifications and experience laid down by AICTE.
- f) The tuition and the other fee is being charged as prescribed by the Competent Authority.
- g) No new course has been started (since the last approval by AICTE) without prior approval of AICTE.
- h) The institution is not running any courses not approved by AICTE in the premises of the AICTE approved institution.
- h) The intake in any of the AICTE approved course has not been increased beyond the sanctioned intake, without prior approval of AICTE.

I/We solemnly declare that no information has been withheld and all the information provided in this Compliance Report is correct. If any information is found to be incorrect or false, I/We understand that proposal shall be liable for rejection.

Date: 27.12.2007
Place: Bhubaneswar

Dr. Ravi P. Reddy
DIRECTOR (Academic)

Annexure 1

Mandatory Disclosure.

I. THE INSTITUTION

Name and Address of the Institution

Name of Institution	INDUS COLLEGE OF ENGINEERING
Address	
	BARAKUDA HEIGHTS
Village	BARAKUDA
Taluk/PO	PANCHAGAON
District	KHURDA
Pin	752050
State	ORISSA
Phone No	0674-2111590/91/93
Fax No.	0674-2595035
E-Mail	admin@indus.ac.in
Website	www.indus.ac.in
Nearest Rly Station	BHUBANESWAR (12 KMS)
Nearest Airport	BHUBANESWAR (10 KMS)

II NAME AND ADDRESS OF THE DIRECTOR

NAME

Dr. Peddinti Ravi Reddy

ADDRESS

INDUS COLLEGE OF ENGINEERING
 BARAKUDA HEIGHTS, BARAKUDA
 PO: PANCHAGAON
 District KHURDA ORISSA - 752050
 E-Mail: ravipreddy@yahoo.com

III NAME OF THE AFFILIATING UNIVERSITY

BIJU PATNAIK UNIVERSITY OF TECHNOLOGY
 UGI CAMPUS, ROURKELA
 ORISSA - 769004
 Phone: 0661-2501347
 Web site: www.bput.org

IV. GOVERNANCE

- **Members of the Board and their brief background:**

Dr. Ravi P Reddy

B. Tech from IIT Kharagpur and an MS and PhD from Houston, US.

Associate professor at the University of Houston, key guiding forces of the engineering college NIST. Regularly designs course modules and pedagogy for instruction in the college in the area of computer science and engineering. Published two books, one on C programming and the other on English vocabulary. His areas of interest are Java technology, data structures, algorithms, and optimization techniques.

B.K. Dash

Master in Engineering (Electrical)

With 12 years of experience in academics and industry Mr. Dash has got interest in Research and Teaching in Control Systems.

Completed Master of Engineering in Electrical Engineering with specialization "Control System Engineering" in 1998 from Bengal Engineering College (DU), Howrah in 1st Division. Continuing Ph.D under the guidance of Dr. K. C. Patra, Pricipal, IGIT, Sarang and Dr. B. Pati, Prof. UCE, Burla on the topic "Structural Identification of Non-linear Systems"

S.S. Mohanty

An IITian (DIIT from IIT, KGP) with over 30 years of rich experience in corporate sector, mainly in MNCs. Trained exclusively for training teams in the corporate sector, he has had rich experience in manpower development in American Cyanamid/EID Parry and abroad. He has a very wide ranging experience in grooming people at all levels.

Dr. Ragoor Sujatha:

Executive Programme for Business Management for senior and middle managers for 1 year conducted by IIM ,Joka Kolkata MBBS from Kurnool Medical College, 1992. Director, Vidyog Consultants Pvt. Ltd., Bhubaneswar, from 2005. Junior Doctor, BBR Hospital, Balanagar, Hyderabad

Prasanna Pati - MCA

Certified in Oracle Certified Associate (DBA Stream), SUN Certified Java Programmer, SUN Certified Web Component Developer and Brainbench Certification - C; Ms Pati has got immense experience in teaching and has been involved in training programs for pre-placements. Continuing M. Tech(I.T)

Mr. P. B. Reddy.

Chairperson. He has over 40 years of experience in the aviation sector which includes service in the Indian Air Force and the Indian Airlines. He was awarded a President's Award during the 1971 Indo-Pak engagement. Mr. Reddy is also the Chief Instructor of the Hyderabad College of Aviation Technology, Hyderabad.

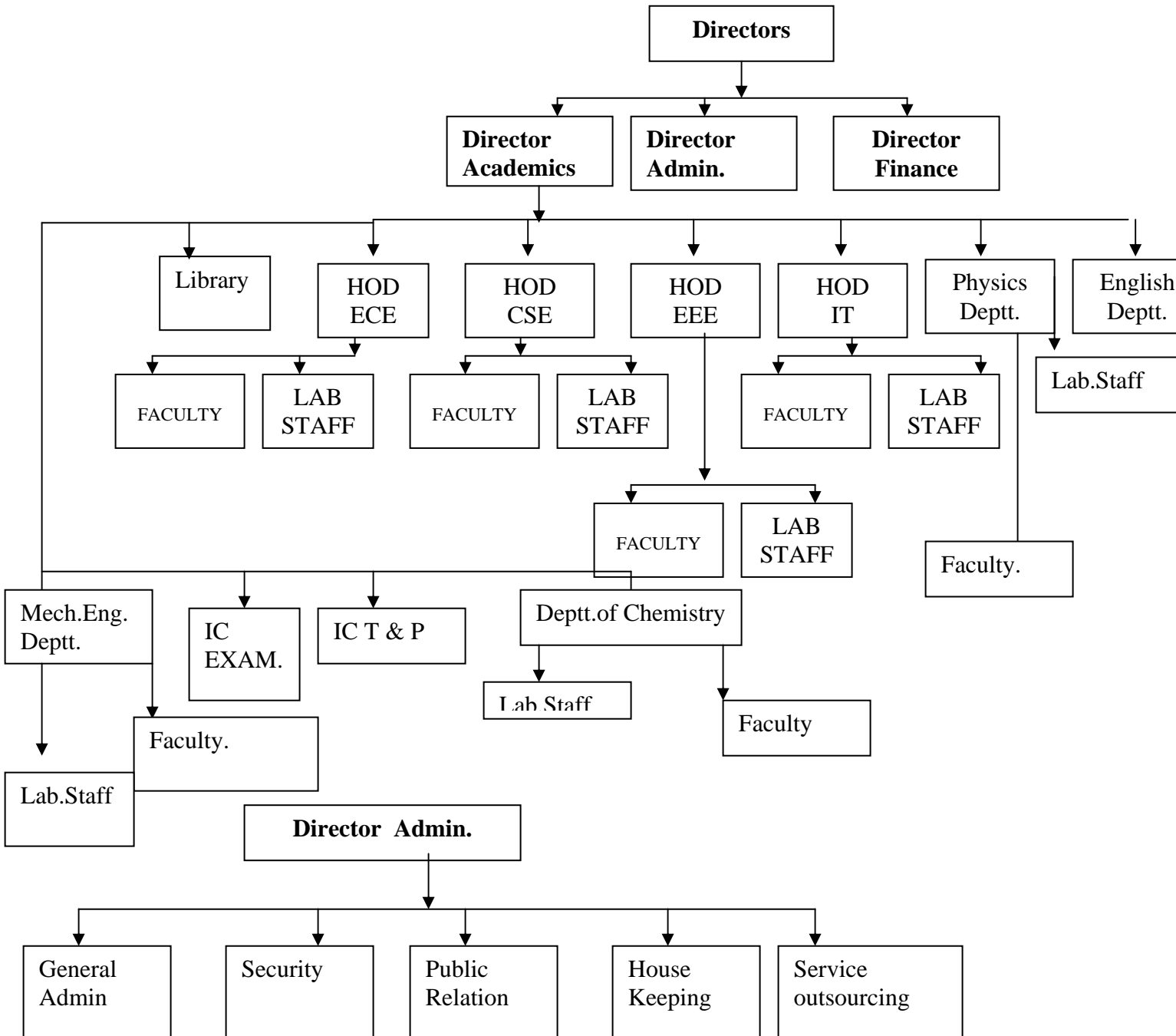
- **Members of Academic Advisory Board:**

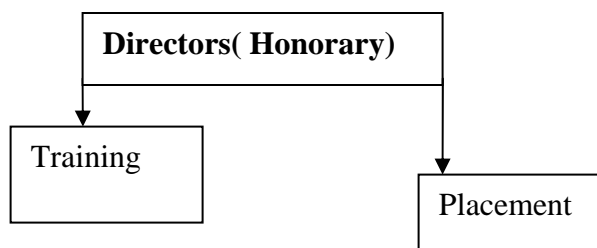
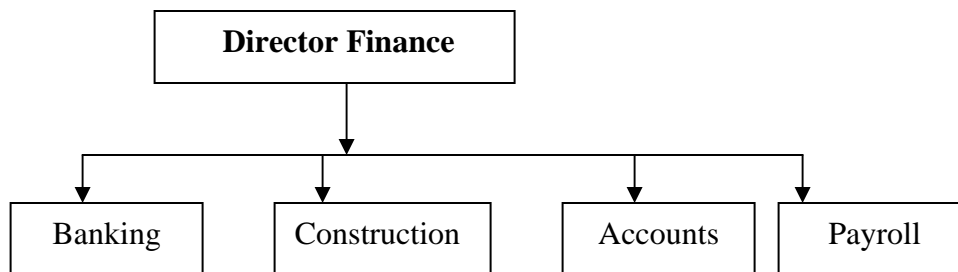
- Dr. Ravi P Reddy -B. Tech from IIT Kharagpur and a MS and PhD from Houston, US.
- Mr. B. K. Dash - M. E
- Ms. Prasanna Pati - MCA
- Mr. S. S. Mohanty- M.Sc.DIIT(IIT,KGP)
- Dr. Pravansu S. Mohanty. M.Tech (IIT,Kanpur), Ph.D(McGill), Associate Proff. Michigan State University. USA.
- Mr. B. N. Swain, Executive Director (HR), National Aluminum Company, Bhubaneswar.
- Prof. A. L. N. Reddy, Deptt. Of Electrical Engineering Texas A & M University, USA.
- Dr. D. P. S. Virk, Director, Trade – Capture Ltd, Hyderabad.
- Mr. Siddharth Ray, Microsoft Corporation, Redmond, USA.

• Frequency of the Board Meetings and Academic Advisory Body

- Board meetings are held once in a month to ascertain the smooth running of the college.
- Academic advisory body meetings are held every fortnight to review the progress of the curriculum as prescribed by BPUT and is also attended by faculty members involved in the teaching. So also advisory board decides about guest speakers to be invited to college. Outside advisory members are regularly in touch to give their inputs to improve the teaching methodology.

• Organizational Chart and Processes





- **Nature and Extent of involvement of faculty and students in academic affairs/improvements**

Regular faculty meetings are conducted to seek the inputs of the faculty members towards improvement of academic processes. Students are encouraged to give their ideas and opinions in writing in the suggestion box and to the faculty members.

- **Mechanism/Norms & Procedure for democratic/good Governance**

The college has a well published list of Policy Documents regarding various aspects of the governance of the college. These documents guide the processes which run the college. These policy documents are the means by which Indus College of Engineering aims to achieve good governance.

- **Grievance redressal mechanism for faculty, staff and students**

- ❖ If the student has a problem or needs help in some matter he/she should inform the concern authorities in the proper manner, preferably in writing.
- ❖ Hostel matters and mess related issues must be informed to the respective Hostel Supdt. If the Hostel Supdt. Is not in town, the complaint may be addressed to the Director (Admin) and given in the RMC.

- ❖ Complaints on disciplinary issues may be given to (a) The Hostel Supdt. (b) Director (Admin) (c) Director (Academic) (d) Admin. Officer (RMC) (e) Any Faculty member of the institute (decreasing order of preference).
- ❖ Transport matters are handled by the Manager (Transport Services). If the Manager is not in town, a letter may be given to the Admin. Officer (RMC).
- ❖ Complaints on any other issues like library, mess, examinations, etc., can be addressed to the Director (Admin) and submitted in the RMC.
- ❖ All Matters relate to a course are handled by the respective instructor. In such matters the institute strives to minimize external interference in the running of a course by vesting all authority in the instructor.
- ❖ Students can put all their complaints in the Complaint Box placed outside the RMC. They must contain the name and roll number of the student. Anonymous complaints are not entertained.
- ❖ Complaints must be written only in English.
- ❖ Faculties can lodge their grievances either thru e-mail or written mentioning their employee ID and preferably routed thru their departmental in-charge.
- ❖ Staff members can lodge their grievances either thru e-mail or written mentioning their employee ID and preferably routed thru their departmental in-charge.

V. PROGRAMMES

1. Name of the Programmes approved by the AICTE

The intake strength for the year 2007-2008 for the 4-year bachelor of Technology degree course is as follows

- Information Technology 60
- Computer Science & Engineering 60
- Electronics & Communication Engineering 60
- Electrical & Electronics Engineering 60

Fees:

	<u>Details</u>		<u>1st Year</u>
1.	Tuition Fees	:	40000
2.	Hostel Fees (exc. Food) (Optional)	:	13000
3.	Transportation (Optional)	:	10000
4.	Books and Study material (Optional)	:	4500
5.	Placement Fees	:	2500
6.	Other charges (Training materials, Training costs, etc. Placement related activities, Etc.) (Optional)	:	4800
7.	Caution Money (Refundable)	:	5000
8.	Blazer (One time)	:	2500
9.	BPUT Registration Fees (One time)	:	4500

VI. FACULTY:

SI #	Name	Designation	Specialization	Highest Qualification	Experience
1	Dr R P Reddy	Professor	Mech	Ph .D	19
2	S S Mohanty	Professor	Chem	M. Sc.DIIT	35
3	R C Mishra	Asst Professor	Mech	M .Tech	17
4	B K Dash	Asst Professor	EEE	M .Tech	11
5	Pragjnajeet Mohanty	Asst Professor	ECE	B.Tech	8
6	Sangram Pattnaik	Asst Professor	EEE	M .Tech	15
7	Basant Samantray	Lecturer	CS	B .Tech	0
8	Debasish Mohanty	Lecturer	CS	M Tech	0
9	Manash R Behera	Lecturer	ECE	B Tech	0
10	Sk Anisur Rahman	Lecturer	CS	B Tech	0
11	Debi Prasad Behera	Lecturer	Mech	B .Tech	0
12	Ommprakash satapathy	Lecturer	CS	B .Tech	0
13	Sakti Prasanna Jena	Lecturer	Mech	B. Tech	0
14	Sasmita Behera	Lecturer	Chem	M .Phil	3
15	Pabitra Ojha	Lecturer	Math	M. Sc	3
16	Pandit Jagatananda Mishra	Lecturer	Math	M. Phil	0
17	Hemant Mahanta	Lecturer	Phy	M .Phil	0
18	Gurudev Meher	Lecturer	Eng	M.A	0

VII. PROFILE OF DIRECTOR (one page resume)

ANNEXURE VII – BIODATA OF DIRECTOR/PRINCIPAL

Dr. Ravi Peddinti Reddy, Ph.D.

Residence:

N3/33, IRC Village
Nayapalli, Bhubaneswar,
Orissa, INDIA – 751 015

Phone: +91-674-2550070 (Resi.)

Mobile: 0-9437079795

email: ravipreddy@yahoo.com

Education

- Ph.D. in Mechanical Engineering, University of Houston, Houston, TX, USA. Graduated in May 1991. GPA = 3.96/4.00 (combined GPA for MS and Ph.D.)
 - M.S. in Mechanical Engineering, University of Houston, Houston, TX, USA. Graduated in May 1987.
 - B.Tech.(Hons.) in Mechanical Engineering, Indian Institute of Technology, Kharagpur (5 year degree program). Graduated in May 1985 with 84.67 %.
 - AISSC(I) (Class XI) under CBSE Board from Kendriya Vidyalaya, Picket, Secunderabad, 1979-80 with 76 %.
 - AISSE Exam (Class X Exam of CBSE, New Delhi) in 1979 with 74.26 %.
-

Professional Experience

- Director (Academic) and Trustee, Indus College of Engineering, Barakuda heights, Bhubaneswar, Orissa – 752 050
 - Director, NIST Technology Consulting Services, Berhampur, Orissa, India (website: www.ntcsindia.com), (June 1997 to June 2007)
 - Deputy Director, National Institute of Science & Technology, Berhampur, Orissa, India (website: www.nist.edu), (June 1996 to June 2007)
 - Managing Partner, QCADD Engineering CADD Services, Hyderabad, India, (September 1992 to May 1996)
 - Assistant Professor, University of Houston, Houston, Texas, USA. (June 1991 to June 1992)
 - Teaching Assistant, University of Houston, Houston, Texas, USA. (August 1985 to May 1991)
-

Personal Information

Date of Birth: June 24, 1964

Organizational Memberships:

- Founder President of MEGA (Mechanical Engineering Graduate Association) at University of Houston, 1989-90.
- Member American Mensa Inc. since 1986. Selected to this top 2 percentile organization based on my GRE and TOEFL scores.
- Member of the Sigma Xi Honor Society.

Hobbies: English Literature and Weight Training

Research

- Guiding 6 doctoral candidates under BPUT.
- Have six refereed international publications
- Have published two textbooks.

* * *

VIII. FEE

1. The fees is according to the guidelines prescribed by the Government of Orissa.
2. The entire academic fees for an academic year (i.e., two semesters) is payable at the beginning of the academic year.
3. In case of voluntary withdrawal from the Institute OR in any other case where the original certificates are required by the student, the student must deposit a demand draft for the amount of the academic fees (which is tuition fees + development fees + curriculum R&D fees) for the remaining years of his/her study with the Admin.Office. This demand draft will be returned to the student when the certificates are returned to the Institute.
4. In case of the student taking a transfer certificate (T.C) to study elsewhere or for any other reason whatsoever, he/she has to deposit the academic fees (tuition fees + development fees + curriculum R&D fees) of the remaining years of study.
5. In case of late payment of fees, the college reserves the right to charge late fines and/or interest on the amount of the late payment.
6. Academic year admitted students will be paying fees as detailed below for a 4yr.B.Tech. programme.

The approximate yearly expenditure is furnished below for 4-year B.Tech. Course.

	<u>Details</u>		<u>1st Year</u>
10.	Tuition Fees	:	40000
11.	Hostel Fees (exc. Food) (Optional)	:	13000
12.	Transportation (Optional)	:	10000
13.	Books and Study material (Optional)	:	4500
14.	Placement Fees	:	2500
15.	Other charges (Training materials, Training costs, etc. Placement related activities, Etc.) (Optional)	:	4800
16.	Caution Money (Refundable)	:	5000
17.	Blazer (One time)	:	2500
18.	BPUT Registration Fees (One time)	:	4500
	Total	:	86800/-

So for 4 years, it would cost (86,800/- +2,24,400/- (3 years)) will be Rs. 3,11,200/-(Rupees three lakhs eleven thousand two hundred approximately.

IX. ADMISSION

AICTE approval letter: File No. 760-82/NDEG/ET/2007/07 dated: 20/08/07 for the year 2007-08 academic year.

- Information Technology 60
- Computer Science & Engineering 60
- Electronics & Communication Engineering 60
- Electrical & Electronics Engineering 60

X. ADMISSION PROCEDURE

This is the first year of admission. All admission was thru Govt. of Orissa JEE committee. Application under Management quota were there but no admission has been done. At the moment there are 198 students under 1st. year B.Tech. program out of which 15% are from AIEEE and rest from 1st. OJEE and 2nd. OJEE.

Admission to the four year degree course leading to Bachelor of Technology (B.Tech.) degree is made through the "Joint Entrance Examination (JEE)" (**URL-jee07**) conducted each year by Government of Orissa for admission to the Engineering colleges of Orissa. 15% seats are reserved for AIEEE candidates. 15% are supposed to be for NRI quota.

- The intake strength for the year 2007-2008 for the 4-year bachelor of Technology degree course is as follows
- Information Technology 60
- Computer Science & Engineering 60
- Electronics & Communication Engineering 60
- Electrical & Electronics Engineering 60

The details of eligibility, reservations for various categories, medical requirements and procedures for admission, etc., are given in the Information Brochures brought out by the Govt. of Orissa and/or any other legal body conducting entrance formalities.

If a student does not report to the institute within 10 days of the start of the first semester and if the institute does not receive any communication from the student regarding this matter (within this time period), the student's admission will be considered null and void.

2. The fees are according to the guidelines prescribed by the "Fees Committee".
3. The entire academic fees for an academic year (i.e., two semesters) is payable at the beginning of the academic year.
4. All original certificates of the student shall remain in the custody of the institute (for verification and administrative purposes) until the student leaves the institute.
5. Attested photocopies of these certificates will be provided on submission of a valid written application to the Admin. Office.

6. In case of voluntary withdrawal from the Institute or in any other case where the original certificates are required by the student, the student must deposit a demand draft for the amount of the academic fees (which is the tuition fees) for the remaining years of his/her study in the Accounts Department.
7. In case of the student taking a transfer certificate (T.C) to study elsewhere or for any other reason whatsoever, he/she has to deposit the academic fees (tuition fees) of the remaining years of his/her study.

XI. CRITERIA AND WEIGHTAGE FOR ADMISSION

As prescribed by the Govt. of Orissa from time to time.

9. Details of Academic Career (HSC onwards)

S. Num.	Name of Examination	Institution from which passed	Board/ University	Year of Passing	%age of Marks

10. Nationality	
11. Religion	

12. Languages known (indicate skills by placing a tick mark)

LANGUAGE	Speak	Read	Write
Mother Tongue			

13. Passport Number	
14. BloodGroup	
15. Do you need Hostel Facility	
16. Details of any chronic illnesses	
17. Details of any legal proceedings involved in	
18. Details of hobbies, sports etc.	

19. Mailing Address	Address: City/Town/Village: District: State: PINCODE: Contact Phone (with STD code):
20. Permanent Address	Address: City/Town/Village: District: State: PINCODE: Contact Phone (with STD code):
21. Details of Father/ Guardian	Name: Occupation: Designation: Work Address: Phone (with STD code): Mobile: Approx. Annual Income: Rs.

22. Details of Mother:	Name: Occupation: Designation: Work Address: Phone (with STD code): Mobile: Approx. Annual Income: Rs.
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LIST OF ORIGINAL CERTIFICATES ENCLOSED (Please tick)

1.	HSC/10 th Class Pass Certificate	<input type="checkbox"/>
2.	HSC/10 th Class Mark Sheet	<input type="checkbox"/>
3.	+2 or equivalent Certificate	<input type="checkbox"/>
4.	+2 or equivalent Mark Sheet	<input type="checkbox"/>
5.	CLC/TC	<input type="checkbox"/>
6.	Conduct or Character Certificate	<input type="checkbox"/>
7.	Migration Certificate	<input type="checkbox"/>
8.	Caste Certificate	<input type="checkbox"/>
9.	Residence/Nativity Certificate	<input type="checkbox"/>
10.	Green Card/Military/Handicapped Certificate	<input type="checkbox"/>
11.	JEE/AIEEE/CET Rank Card	<input type="checkbox"/>
12.	Any other (mention details)	<input type="checkbox"/>

(for official use only)

Verified and accepted the above mentioned original certificates.

Name, Designation and Signature
of Accepting Official

DECLARATION BY THE CANDIDATE

I submit myself to the jurisdiction of the authorities of Indus College of Engineering, Bhubaneswar, and declare that I shall abide by its rules and regulations. I hereby declare that all particulars stated by me in this application and appendices are true. In the event of my being found to have given incorrect information at any stage, Indus College of Engineering holds the right to cancel my admission.

Date:

Place:

Full Signature of the Candidate

DECLARATION BY THE FATHER/ GUARDIAN

1. I hereby declare that all the particulars given by my ward are correct to the extent of my knowledge.
2. I agree to respond to the letters and communications regarding my ward at the earliest.
3. I agree to inform the college about any change in my address and/or contact information.
4. I agree to the fact that my ward shall obey all the rules and regulations of the college. In case my ward violates any of the rules and regulations of the college, I understand that the college authorities can take disciplinary action against my ward which can include fines, suspension, and/or any other legal action including reporting to the police.

Date:

Place:

Full Signature of Father/Guardian

XIII. LIST OF APPLICANTS

The institute has admitted students through JEE Counseling conducted by Government of Orissa.

XIV. RESULTS OF ADMISSION UNDER MANAGEMENT SEATS/VACANT SEATS

The institute has not admitted any candidate under Management Quota in the year 2007-08.

XV. INFORMATION ON INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE

Building

1. Available Built up area per student : 18.67 sqm

2. Total Built up Area for the existing programme(s): 4486.1 sqm

Particulars	Built up area per student	Total Area Available (Sq.M)
Instructional Area (Carpet Area)	11.63	2792.5
Administrative Area (Carpet Area)	2.23	539.7
Amenities (Carpet Area)		
Circulation & Others	4.81	1153.9
Total	18.67	4486.1

Instructional Area for the existing programme(s)

Particulars		
	Number of rooms	Carpet area Available in the Institution (Sq.M)
Class Rooms	3	97+86+86=269 (total)
Tutorial Hall	2	43+43=86 (total)
Drawing Hall (*)	1	177
Computer Centre	1	172.5
Library	1	451
Laboratories & workshops	6	200.5+483+431+172.5+350=1636
Total	13	2792.5

Availability of other facilities:

S.No.	Parameter	Availability	
1	All Weather Approach Road (cemented / kuchha)	YES	
2	Potable Water Supply System (own bore well / municipal corporation)	YES	
3	Electrical Generator (5kv, 5-10 kv, 10-15 kv, more than 20 kv)	30 KVA	
4	Students' Canteen	YES	
5	Students' Common Room (Boys / Girls)	YES	
6	Hostel	Boys	YES (Rented)
		Girls	YES (Rented)
	If no hostel facility is available, whether arrangements have been made for boarding and lodging of students near to the institution, if yes mode of travel from the place of stay to the institution		
7	Principal's Quarters	YES	(RENTED)
8	Digital Library	YES	
9	Quarters for Faculty	YES (RENTED)	
10	Guest House	YES (RENTED)	
11	Parking facilities	YES	
12	Medical facilities (full time / part time doctor / dispensary)	YES	
13	Insurance facilities	YES	
14	Telephone booth	YES	
15	Gymnasium /indoor / outdoor stadium	YES	
16	Rainwater-harvesting facilities are available	NO	
17	Post office facility	NO	
18	Bank facility	NO	
19	Transport facility for day scholars	YES	
20.	Reprographic facilities in the Institutions.	YES	
21.	Barrier free environment for physically challenged.	YES	

• LIBRARY

We believe that a good library is one of the greatest assets of a college. The library has a large collection of technical books. In addition, we also have a large collection in English Literature which is essential to help students develop their communication skills.

An extensive digital library stocks hundreds of titles comprising of training CDs, Indian and Foreign films, software related material, etc.

Students are encouraged to suggest names of books to be acquired by the library.

Library facilities

Total area of the library	451 sqm
Seating capacity of the library	60
Reprographic facility	AVAILABLE
Working hours of library	08.30 AM - 06.30 PM
Library Networking facility	AVAILABLE

Annual library budget (% of annual student fee collected) 10%

Details of the library staff with qualifications:

1. Mr. Akshaya Kumar Khanda
Librarian
Qualification: MA, MLISc

2. Mr. Bibhudatta Samantray,
Library Assistant
Qualification: BA, BLISc

Details of the library facilities

S · N o	Course(s)	Number of titles of the books	Number of volumes	Journals	
				National	International
1	Computer Science & Engg.	350	1430	5	2
2	Electronics & Communication Engg.	428	1051	5	2
3	Information Technology	383	1228	5	2
4	Electrical & Electronics Engg.	321	1101	5	2
5	Science & Humanities	814	1526	4	0

- LABORATORY:**

EQUIPMENT LIST OF CHEMISTRY LAB			
Sl.No.	PARTICULARS	QUANTITY	UNIT
1	SODIUM HYDROXIDE	500	GMS
2	PHENOLPHTHALEIN INDICATO	125	ML
3	CALCIUM CARBONATE	500	GMS
4	MAGNESEUM SULPHATE	500	GMS
5	E.D.T.A	100	GMS
6	AMMO CHLORIDE	500	GMS
7	POT HYDROXIDE PALLETES	500	GMS
8	AMMO SOLN	2.5	LTS
9	ERICROM BLACT	25	GMS
10	COPPER SULPHATE	500	GMS
11	POT PERMANGANATE	500	GMS
12	ACETIC ACID	2.5	LTS
13	POT IODIDE	500	GMS
14	SOD. THIOSULPHATE	500	GMS
15	POT CLORIDE	500	GMS
16	FERROUS AMMO SULPHATE	500	GM
17	CARBON TETRA CLORIDE	2.5	LTS
18	SULPHURIC ACID	2.5	LTS
19	HYDROCLORIC ACID	2.5	LTS

20	SODIUM CARBONATE	500	GMS	
21	P.H PAPER	1	PKT	
22	LITHMUS PAAPER RED/BLUE	2	PKT	
23	METHYL ORANGE	125	ML	
24	STARTCH SOLUBLE	500	GMS	
25	SOD ACETATE	500	GMS	
26	MAGNESEUM SULPHATE	500	GMS	
27	SOD. OXALATE	500	GMS	
28	CALCIUM CHLORIDE	500	GMS	
29	IODINE	100	GMS	
30	BURETTE P.P 50ML	20	NOS	
31	BURETTE BOROSILICATE 50ML	20	NOS	
32	PIPETTE BOROCILICATE 10ML	30	NOS	
33	PIPETTE DO 25ML	14	NOS	
34	TEST TUBE BOROSIL15X125	100	NOS	
35	GLASS DROPPER	30	NOS	
36	P.H METER DIGITAL E.I	1	NOS	
37	PHOTOCALORIMETER DIGITAL 8FILTER8E*E.I*	1	NOS	
38	BUNSEN BURNER WITH STOP COCK DELUXE	10	NOS	
39	WIRE GAUGE WITH FRAME	1	DOZ	
40	TRIPOD STAND HEAVY 8" *4"	6	NOS	
41	GAS RUBBER TUBE	2	COIL	
42	CERAMIC PLATE6" * 6"	30	NOS	
43	FILTER PAPER	100	SHEET	
44	CHEMICAL BALANCE K.RAY	2	NOS	
45	BURETTE STAND HEAVY PLASTIC	12	NOS	
46	BURETTE CLAMP.SINGLE	12	NOS	
47	TEST TUBE STAND P.P	15	NOS	
48	SPATULA S.S 8"	10	NOS	
49	SEPARTING FUNNEL 250MLBOROSILICATE	4	NOS	
50	WASH BOTTLE 500ML	30	NOS	
51	ANALYTICAL WEIGHT BOX 1-200GM BRASS	2	SET	
52	CUNDUCTIVITY METER DELUXE DIGITAL	1	NOS	
53	FUNNEL 3" GLASS	12	NOS	
54	MEASURING FLASK 250ML.	4	NOS	
55	MEASURING CYLINDER BOROSILICATE 10ML.	4	NOS	
56	MEASURING CYLINDER BOROSILICATE 25ML.	4	NOS	
57	MEASURING CYLINDER BOROSILICATE 50ML.	4	NOS	
58	BEAKER BOROSIL 100ML.	6	NOS	
59	BEAKER BOROSIL 250ML.	6	NOS	
60	BEAKER BOROSIL 500ML.	4	NOS	
61	CONICAL FLASK BOROSIL 250ML	4	NOS	
62	BURETTE STAND HEAVY PLASTIC	18	NOS	
63	CLAMP FOR ABOVE	18	NOS	
64	REAGENT BOTTLE	10	NOS	
65	BEAKER(R) BOROSIL 250ML	15	NOS	
66	BEAKER(R) BOROSIL 500ML	10	NOS	
67	CONCEAL FLASK	15	NOS	
68	FLASK VOLUMETRIC	15	NOS	

LAB- COMPUTER		
AREA- 172.5 Sqm		
EQUIPMENT LIST		
SI No	PARTICULARS	QUANTITY
1	HP DX2255 Pc256MB/80GB/15"CRT MONITER	71Nos
2	Web cam	2Nos
3	HP LJ 1018 Printer	3Nos
4	HP DJ 2360 Printer	1No
5	HP F370 AJO Printer	1No
6	HP DJ 1360 Printer	1No
7	Samsung CD ROM Drive	10Nos
8	Head Phone	50nos
9	Acces Point	3No
10	Linksys Wireless PCI Lancard	20Nos
11	D Link Wireless PCI Lancard	51Nos
12	External DVD Writer	1No
13	LAPTOP	1No
14	LCD Projector	1no
15	Three In One(Print,scan,copy)	1No
16	Pen drives	20Nos

LAB- PHYSICS		
AREA- 200.5Sqm.		
EQUIPMENT LIST		
SI No.	PARTICULARS	QUANTITY
1	BEAKER BOROSIL	10 pcs
2	DO HALF METER SCALE	3 pcs
3	CONNECTING WARE	500 gm
4	GLASS PLATE 4".4"	10 pcs
5	KATER'S PENDULAM(BRASS OMEGA)	1 set
6	METER'S SCALE WOODEN	3 pac
7	NEWTON RING MICROSCOPE COMPACT	2 nos
8	PHYSICAL BALANCE K.RAY	1 no
9	PINCH CLIP	10nos
10	ROBBER TUBE 6MM	2.10 meter coil
11	RIGIDITY MODULUS DELUX	1no
12	READING TELISCOPE	1no
13	SCREW GAUGE BRASS C.P 20MM	10nos
14	SLOTED WEIGHTS 5.500	2 sets
15	SPECTROMETER PRISM 32.32MM	1no
16	SPRING BALANCE	1no
17	STOP CLOCK	4nos
18	SONO METER BRASS PARTS TEAKWOODS	1no
19	SPHEROMETER BRASS	3nos
20	SPIRIT LABLE BRASS 2"	2nos

21	SODIUM VAPOUR LAMP WITH TRANSFERMER AND SPLIT BOX 55 WAIT	1 set	
22	SPECTROMETER 6"BRASS SCALE OMEGA	1no	
23	STEEL WIRE	100gm	
24	VERNIER CALIPER(IME TYPE)	10 nos	
25	THERMOMETER 110.C.	5 nos	
26	THERMOMETER 50.C	5nos	
27	WEIHT BOX(1MG TO200MG)BRASS	2set	
28	YOUNG'S MODEL APPARATOUS	1set	
29	P N JUNCTION(OMEGA)	1no	
30	BAR PENDULAM	1no	
31	B J T(MARSE)	1no	
32	DEFRAGATING GRATING 15000 LINES	1no	
33	R.C.CIRCUITS(COMPLITE SET)	1no	
34	PHOTO CELL(VALUE TYPR)		
35	MULTIMETER DIGITAL	1no	
36	MEASURING TAPE	5nos	
37	HEATER(1500WATT)	1no	
38	SPECTROMETER 2"(STAINLESS STEEL)		
40	SONO METER(WIRES)	1set	

• COMPUTING FACILITIES

S.No	Particulars	Availability	
1.	No of Computer terminals	71	
2.	Hardware Specification	P4	
3.	No of terminals of LAN/WAN	71	
4.	Relevant Legal Software	Application	System
		4 purchased + 50 open sources	2 purchased + 100 open sources
5.	Peripheral(s)/ Printers	6 printers	
6.	Internet Accessibility (in kbps & hrs)	512 kbps, 24X7	

• WORKSHOP

EQUIPMENT LIST OF WORKSHOP

SL NO.	NAME OF ITEM	QUANTITY	UNIT	
Compliance Report	WOODEN WORKING TABLE	INDUS	COLLEGE OF ENGINEERING	2007-2008
2	PARELLE JAW VICE	14	Nos	
3	C CLAMP	4	Nos	
4	RASP FILE 12	10	Nos	
5	BEVEL CHISTLE	10	Nos	
6	MORTOISE CHISTLE	10	Nos	
7	FARMER CHISTLE 1/2	5	Nos	
8	FARMER CHISTLE 3/4	5	Nos	
9	HAND DRILL MACHINE	1	No	
10	AUGER BIR	2	Nos	
11	JACK PLANE 14"	10	Nos	
12	JACK PLANE 6"	6	Nos	
13	JACK PLANE 9"	5	Nos	
14	SPOKE SHAVE PLANE	1	Nos	
15	OIL STONE	2	Nos	
16	MARKING GAUGE	10	Nos	
17	MORTISE GAUGE	10	Nos	
18	STEEL RULE	10	Nos	
19	FOUR FOLD WOODEN RULE	10	Nos	
20	CROSS CUT SAW14"	10	Nos	
21	RIP SAW16"	3	Nos	
22	TENNON SAW14"	2	Nos	
23	KEE HOLE SAW 10"	4	Nos	
24	DOVETAIL SAW 14"	2	Nos	
25	TRY SQUARE 8"	10	Nos	
26	MITER SQUARE	5	Nos	
27	MALLET	4	Nos	
28	PINCER	2	Nos	
29	CLAW HAMMER 1.5LB	10	Nos	
30	SCREW DRIVER	2	Nos	
31	SAND PAPER 40 60 80	31	sets	
32	AUGER 1/2", 1"	1	no	
33	FITTING TABLE	4	Nos	
34	BENCH VICE 6"	14	Nos	
35	STAND DRILLING MACHINE	1	No	
36	POWER HAND DRILLING MACHINE	1	No	
37	SURFACE PLATE 18"*18"	1	No	
38	VERNIER HEIGHT GAUGE	1	No	
39	VERNIER CALLIPER	3	Nos	
40	OUT SIDE MICRO METER	1	Nos	
41	HACK SAW FRAME	20	Nos	
42	FLAT FILE ROUGH12"	14	Nos	
43	FLAT FILE SECOND CUT	10	Nos	
44	FLAT FILE SMOOTH	10	Nos	
45	HALF ROUND FILE 8'	10	Nos	
46	ROUND FILE 8"	10	Nos	
47	NEDLE FILE	1	No	
48	TRIANGULAR FILE	5	Nos	
49	FLAT CHISLE 8"	5	Nos	
50	DRILL CHUCK KEY	1	No	
51	DRILL BIT(2,2.5,3,3.5,4,5,6,8)	1	No	
52	SPRING DEVIDER 8"	5	Nos	
53	TAP SET 6MM 8MM 10MM	1	No	
54	DIE SET 6-12MM	1	No	
55	STEEL RULE 12"	15	Nos	
56	ODD LEG CALLIPER 8"	4	Nos	
57	OUT SIDE CALLIPER 6"	4	Nos	
58	INSIDE CALLIPER 6'	4	Nos	
59	DOT PUNCH	5	Nos	
60	CENTRE PUNCH	5	Nos	
61	LETTER PUNCH	1	No	41
62	NUMBER PUNCH	1	no	
63	STRAIGHT LEG SCRIBER	5	Nos	
64	BENT LEG SCRIBER	5	Nos	
65	BALL PEEN HAMMER 200GM	10	Nos	

Director (Academic)

GAMES AND SPORTS FACILITIES

- Arrangement has been made with Unit-6, Athletic Association to utilize their facilities for out door games like foot ball, cricket, and hockey till the facilities are completed inside the campus.
- Arrangement has been made with Kalinga Stadium to utilize their facilities for basket ball, lawn tennis and swimming. College is going develop it's own facility for lawn tennis, basket ball and badminton court.
- Indoor games facility for table tennis, carom and chess are available.
- Fully equipped Gym. is getting installed.

EXTRA CURRICULUM ACTIVITIES

- Each member will be undertaking training in Oracle and will clear OCA certification from Oracle Corporation in the First year during summer vacation.
- Each member will be undertaking training in Java and will clear SCJP certification from Sun Micro System in the Second year during summer vacation.
- Each member will do their live projects either in Oracle or Java during third year during Summer vacation.

SOFT SKILL DEVELOPEMENT FACILITIES

Each Semester they will have 60 hours of training covering the following topics.

Course to be Covered in Various Stages of the Employability Training Program

English

- ◆ English Vocabulary
- ◆ English Etymology
- ◆ English Grammar/Sentence Corrections
- ◆ Reading Comprehension
- ◆ Listening Skills

Mathematics/Analytical

- ◆ Analytical Skills/Puzzles Solving
- ◆ Arithmetic Skills
- ◆ Geometry Skills

Personality Development Program

- ◆ Communication Skills Development
- ◆ Personality Development Sessions
 - Concept of Personality
 - Goal Setting
 - Developing Action Plan
 - Personal Effectiveness
- ◆ Group Discussions
 - Group Discussion Concepts
 - Group Discussion Practical and Practice
- ◆ Interview Skills
 - Interview Concepts
 - Personal Interview Practice
- ◆ Personal Grooming
- ◆ Resume Writing

Technical Refresher Program

- Programming in C
- Data Structures
- OOPs/C++
- DBMS (Database)
- Operating Systems
- Networking

NUMBER OF CLASSROOMS AND SIZE OF EACH

Classroom	Size of Classroom
Classroom - 1	1043 sqft
Classroom - 2	925 sqft
Classroom - 3	925 sqft

NUMBER OF TUTORIAL ROOMS AND SIZE OF EACH

Tutorialroom	Size of Tutorialroom
Tutorialroom - 1	462 sqft
Tutorialroom - 2	462 sqft

NUMBER OF DRAWING HALLS AND SIZE OF EACH

One Drawing Hall whose area is 1904 sqft

NUMBER OF COMPUTER CENTRES WITH CAPACITY OF EACH

One Computer Center whose area is 1856 sqft consisting of 71 computers with LAN facility

CENTRAL EXAMINATION FACILITY, NUMBER OF ROOMS AND CAPACITY OF EACH

TEACHING LEARNING PROCESS

We believe that the teaching-learning process is the most important aspect of an engineering college. We have designed several processes to make sure that our students get the best possible education and perform well in the BPUT exams.

- ❖ Small tutorial groups for more attention to students.
- ❖ Free tutorials for students facing special problems in any subject.
- ❖ Continuous feedback from the students about the performance of the instructors.
- ❖ Special preparation programs for the University examinations.
- ❖ Student Counselors to help the students solve their personal problems so that they can focus better on academics.
- ❖ Special seminars and workshops on self-help and personality development.

CURRICULA AND SYLLABI FOR EACH OF THE PROGRAMMES AS APPROVED BY THE UNIVERSITY:

As per BPUT Syllabus for 4 year B.Tech.program.

ACADEMIC CALENDAR OF THE UNIVERSITY

Academic calendar for admitted students of 2007-08 B.Tech.Course

Academic Calendar for B.Tech Programmes for the session 2007-08

Candidates having status 'X' will register provisionally, to be confirmed after publication of supplementary examination results, for the perspective semesters and continue the classes. If the status continues to be 'X' after publication of supplementary examination results, the courses for those candidates shall be deregistered.

Sl. No.	Events	7th Semester	5th Semester	3rd Semester	1st Semester
01	Registration	10.07.2007 - 14.07.2007	17.07.2007 - 20.07.2007	21.07.2007 - 24.07.2007	20.08.2007 - 24.08.2007
02	Instruction Commencement	17.07.2007	20.07.2007	24.07.2007	20.08.2007
03	Class Test-I	20.08.2007 - 24.08.2007	20.08.2007 - 24.08.2007	20.08.2007 - 24.08.2007	20.09.2007 - 25.09.2007
04	Sending Marks	30.08.2007	30.08.2007	30.08.2007	29.09.2007
05	Class Test-II	20.09.2007 - 25.09.2007	20.09.2007 - 25.09.2007	20.09.2007 - 25.09.2007	29.10.2007 - 01.11.2007
06	Sending Marks	29.09.2007	29.09.2007	29.09.2007	07.11.2007
07	Class test-III	29.10.2007 - 01.11.2007	29.10.2007 - 01.11.2007	29.10.2007 - 01.11.2007	26.11.2007 - 30.11.2007
08	Sending Marks	07.11.2007	07.11.2007	07.11.2007	08.12.2007
09	Last Date of Instruction	13.11.2007	21.11.2007	03.12.2007	13.12.2007
10	End Semester University Examination	19.11.2007 - 28.11.2007	28.11.2007 - 08.12.2007	10.12.2007 - 20.12.2007	20.12.2007 - 29.12.2007
11	Winter Break	29.11.2007 - 09.12.2007	09.12.2007 - 16.12.2007	21.12.2007 - 01.01.2008	30.12.2007 - 06.01.2008
12	Publication of Results	29.12.2007	10.01.2008	20.01.2008	30.01.2008

ACADEMIC CALENDAR 2007 – 08

Top of Form

Sl. No.	Events	8th Semester	6th Semester	4th Semester	2nd Semester
01	Registration	10.12.2007 - 13.12.2007	17.12.2007 - 20.12.2007	02.01.2008 - 05.01.2008	07.01.2008 - 10.01.2008
02	Instruction Commencement	10.12.2007	17.12.2007	02.01.2008	07.01.2008
03	Class Test – I	15.01.2008 - 19.01.2008	15.01.2008 - 19.01.2008	12.02.2008 - 16.02.2008	12.02.2008 - 16.02.2008
04	Sending Marks	25.01.2008	25.01.2008	23.02.2008	23.02.2008
05	Class Test – II	18.02.2008 - 21.02.2008	18.02.2008 - 21.02.2008	10.03.2008 - 14.03.2008	10.03.2008 - 14.03.2008
06	Sending Mark	28.02.2008	28.02.2008	21.03.2008	21.03.2008
07	Class Test – III	17.03.2008 - 20.03.2008	17.03.2008 - 20.03.2008	07.04.2008 - 11.04.2008	07.04.2008 - 11.04.2008
08	Sending Mark	27.03.2008	27.03.2008	18.04.2008	18.04.2008
09	Last Date of Instruction	03.04.2008	15.04.2008	24.04.2008	30.04.2008
10	End Semester University Examination	11.04.2008 - 19.04.2008	22.04.2008 - 30.04.2008	01.05.2008 - 08.05.2008	08.05.2008 - 15.05.2008
11	Summer Break Starts from*	20.04.2008	01.05.2008	09.05.2008	16.05.2008
12	Publication of Results	19.05.2008	30.05.2008	08.06.2008	14.06.2008

* Instruction Commencement for the next semesters will be notified later.

ACADEMIC TIME TABLE

		0910-1000	1000-1050	1100-1150	1150-1240	1240-1330	1330-1420	1420-1510	1520-1610	1610-1700
MON	A	WEEKLY		Math (PSM)		LUNCH		C Prog (RPR)		A1- Drawing A2- English Comm Lab
	B	TEST		B2-MS Office Lab B1-C Prog Lab		LUNCH		BEL (SP)		B1- Workshop B2- Phys Lab
	C	SUB1	SUB2	BEL (SP)		C1-MTHTuts C2-THMTuts	LUNCH	C1-THMTuts C2-MTHTuts	C Prog (RPR)	
TUE	A	Mechanics (SNM)		A2-MS Office Lab A1-C Prog Lab	A1-MECTuts A2-MTHTuts	LUNCH		A1-MTHTuts A2-MECTuts	C Prog (PP)	
	B	English (GM)		Physics (HM)		LUNCH		C Prog (PP)		B1- Phys Lab B2- Workshop
	C	Math (POJ)		Thermo (RPR)		LUNCH		C Prog (RPR)		C1- English Comm Lab C2- Drawing
WED	A	BEC (MRB)		English (GM)		LUNCH		Chemistry (SB)		A1- English Comm Lab A2- Drawing
	B	Math (POJ)		Thermo (RPR)		B1-MTHTuts B2-THMTuts	LUNCH	B1-THMTuts B2-MTHTuts	C Prog (RPR)	
	C	Physics (HM)		C2-MS Office Lab C1-C Prog Lab	LUNCH		C Prog (DM)		C1- Workshop C2- Phys Lab	
THU	A	Mechanics (SNM)		Chemistry (SB)		LUNCH		C Prog (RPR)		A1- Workshop A2- Chem Lab
	B	Physics (HM)		B1-MS Office Lab B2-C Prog Lab	LUNCH		Msoff	Library	B1- Drawing B2- English Comm Lab	
	C	Math (POJ)		English (GM)		C1-MTHTuts C2-THMTuts	LUNCH	C1-THMTuts C2-MTHTuts	ET (vidyog)	
FRI	A	BEC (MRB)		A1-MS Office Lab A2-C Prog Lab	A1-MECTuts A2-MTHTuts	LUNCH		A1-MTHTuts A2-MECTuts	ET (vidyog)	
	B	Math (POJ)		English (GM)		LUNCH		BEL (SP)		B1- English Comm Lab B2- Drawing
	C	BEL (SP)		Thermo (RPR)		LUNCH		Msoff	Library	C1- Phys Lab C2- Workshop
SAT	A	Math (PSM)		English (GM)		LUNCH		Msoff	Library	A1- Chem Lab A2- Workshop
	B	Math (POJ)		Thermo (RPR)		B1-MTHTuts B2-THMTuts	LUNCH	B1-THMTuts B2-MTHTuts	ET (vidyog)	
	C	Physics (HM)		C1-MS Office Lab C2-C Prog Lab	LUNCH		C Prog (RPR)		C1- Drawing C2- English Comm Lab	

TEACHING LOAD OF EACH FACULTY

The teaching load of the different faculty members varies between 4 to 16 hours in a week.

INTERNAL CONTINUOUS EVALUATION SYSTEM AND PLACE**STUDENTS' ASSESSMENT OF FACULTY, SYSTEM IN PLACE**

1. Anonymous feedback will be taken from students two times during a semester. These metrics will be used for continual improvement of the teaching-learning process.
2. The first feedback is for mid-course corrections to be made by the instructor. This feedback is confidential and given to the individual instructors.
3. The results of the second feedback taken at the end of the semester will be published on the student notice boards in addition to going into the personal file of the instructor.
4. On the front side of the feedback form, the student will answer three questions:

- ❖ Do you have any POSITIVE comments about the Instructor?
- ❖ Do you have any NEGATIVE comments about the Instructor?
- ❖ Any other comments about the course (not related to the Instructor)?

5. The student is also required to grade the instructor (grade between A to E) on 20 questions as shown below. The weightage given to each question is shown in the table below.

S#	Question	Weightage
1	Presentation of the subject matter	10
2	Use of examples to explain difficult topics	8
3	Organized/Systematic usage of blackboard/whiteboard/ LCD projector by the instructor	7
4	Communication Skill (Voice, Grammar, Vocabulary, etc.)	9
5	Encouragement to ask questions and doubts in class.	7
6	Ability of instructor to hold your interest.	9
7	Ability to clear doubts and questions in class.	8
8	Assignments are relevant and adequate.	7
9	Fairness of quizzes/exams/tests and grading procedures.	7
10	Return of graded assignments/quizzes/tests for review	5
11	Quality of instructional material (textbooks, handouts, notes,etc.)	7
12	Quality of supplementary material (e.g., non-textbook material from reference books, journals, etc.).	5
13	Classes begin and end at scheduled time.	8
14	Completion of the syllabus prescribed for the course.	9
15	Ability to maintain discipline in classroom.	9
16	Attitude/Behavior towards student	7
17	Mastery of the subject	10
18	Instructor's enthusiasm for teaching the subject.	9
19	Availability for help and consultation (on course related matters) outside the classroom	6
20	How do you rate this instructor's overall performance?	10