

# **MANDATORY DISCLOSURE**

Submitted to

**ALL INDIA COUCIL FOR TECHNICAL EDUCATION**

***FOR APPROVAL OF***

**EXTENSION OF EXISTING COURSES,  
ADDITIONAL INTAKE IN EXISTING COURSE**

**AND**

**INTRODUCTION OF NEW COURSE**

**FOR THE YEAR 2010-11**

**DEGREE LEVEL ENGINEERING COURSES  
IN**



**SHIBANI INSTITUTE OF TECHNICAL EDUCATION (SITE)**

**At/P.O.- Chhatabar, Via- Janla, Bhubaneswar, Dist- Khurda- 752 054**

**Orissa**

# MANDATORY DISCLOSURE

1. AICTE File No – - F No 360-82/(NDEG)/ET/2009/24 , Dt. 30.06.2009  
Date & Period of last approval - 30.06.2009 One year

## 2. NAME OF THE INSTITUTION & ADDRESS

### SHIBANI INSTITUTE OF TECHNICAL EDUCATION

At/P.O.- Chhatabar, Via - Janla, Bhubaneswar - 752 054

Dist- Khurda, Tel: (0674) 2467525/26/27/28 Fax: (0674) 2467555,  
Longitude & Latitude -85<sup>0</sup> 50' E & 20<sup>0</sup> 14' N

Web site - shibaniinstitute.org,

E-mail: -[site\\_saraswat@rediffmail.com](mailto:site_saraswat@rediffmail.com)

Office/academic Hours - 09.00 to 17.00 hours

Nearest Railway Station - Khurda Road (16 km)

Nearest Airport - Biju Patnaik International Air Port  
Bhubaneswar ( 25 km)

## 3. INSTITUTION TYPE

: Private Self Financed  
Non Minority  
Co-Ed

## 4. Name of the organization running the institution :

Organization Type/ Address : Trust – Saraswata Educational Trust (SET)  
1806- Chintamaniswar , P.O- Budheswari ,  
P.S. Laxmisagar , Bhubaneswar751006,  
Orissa.

Registered With : Bhubaneswar Court

Registration Date : 30.11.2006

Web Site /Email of the Organization : [site\\_saraswata@rediffmail.com](mailto:site_saraswata@rediffmail.com)

## 5. Name of the Affiliating University

: Biju Patnaik University of  
Technology(BPUT),ORISSA,UGIE Campus, P.O-  
Jail Road ,Rourkela – 769004  
Tel:- (0661) 2501346/2501347/2501349 -  
2501345(Fax)  
Web Site – [www.bput.org/ac.in](http://www.bput.org/ac.in)

Latest affiliation period : 2009-2010

**6. NAME AND ADDRESS OF  
PRINCIPAL/DIRECTOR**

**Prof.(Dr) Asoka Misra (Principal)\***  
SHIBANI INSTITUTE OF TECHNICAL  
EDUCATION At/P.O.- Chhatabar, Via - Janla,  
Bhubaneswar - 752 054

**Dist- Khurda, Tel: (0674) 2467525 Fax: (0674) 2467555,**

**E-mail: [principal.site.bhubaneswar@gmail.com](mailto:principal.site.bhubaneswar@gmail.com)**

**Highest Degree : M.S.(Metallurgy Engg.),Ph.D.(Polytechnic  
University, Newyork, USA)**

**Field Of Specialization :Process Metallurgy**

**7. GOVERNING BODY MEMBERS**

**• MEMBERS OF THE BOARD WITH THEIR BRIEF BACKGROUND**

- |  |                          |
|--|--------------------------|
| <b>i) Sj. Ratikanta Kanungo-</b>   | <b>Chairman</b>          |
| <b>ii) Mr. Subrat Kumar Bhuyan-</b>  | <b>Member</b>            |
| <b>iii) Dr. Prasanna Kr. Patasahani, Member of Parliament (Bhubaneswar)</b>                          | <b>Member</b>            |
| <b>iv) Prof. (Dr.) Amiya Kumar Rath-Director (Academics), College<br/>Of Engg. Bhubaneswar (CEB)</b> | <b>Member</b>            |
| <b>v)Prof. (Dr) Alok Kumar Jagdev-Professor in CSE, ITER,SOA Univ.Bhubaneswar</b>                    | <b>Member</b>            |
| <b>vi)Vice-Chancellor of BPUT or Nominee</b>   | <b>Ex-Officio Member</b> |
| <b>vii)Regional Officer, AICTE or Nominee</b>  | <b>Ex-Officio Member</b> |
| <b>vii)DTET, Orissa or Nominee</b>   | <b>Ex-Officio Member</b> |

**Frequency of meetings & last meeting Date : at least twice a year or as and when  
required; 27-Sept, 2009**

(\* No more with the Institute w.e.f 24-10-2010)

## 8. MEMBERS OF ACADEMIC ADVISORY BODY

i. Mr. Ratikanta Kanungo	Chairman
ii. Dr. Amiya Kumar Rath	Member
iii. (Dr). Alok Jagdev	Member
iv. Dr. Rama Krushna Panda , Principal, SITE	Convener

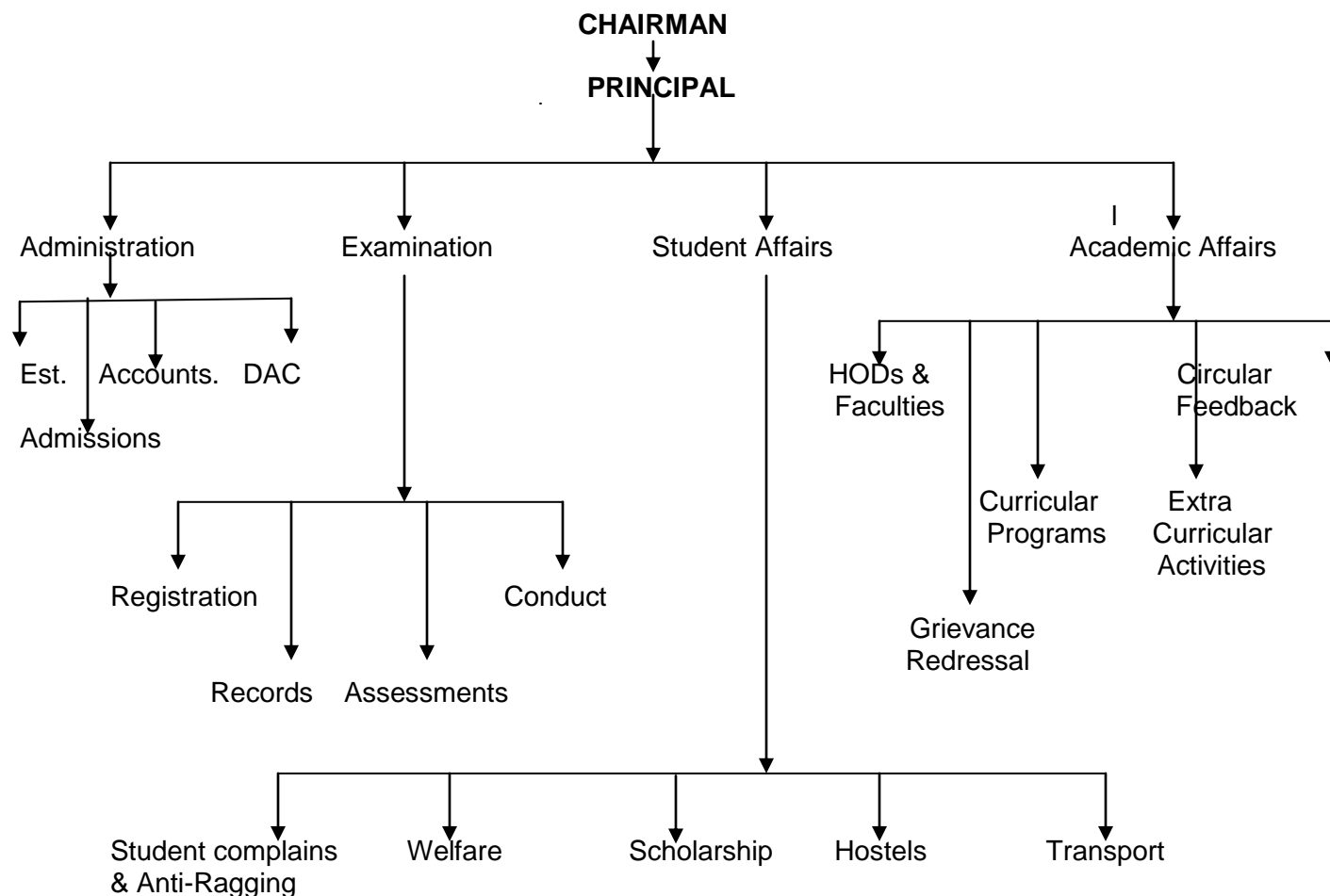
The Advisory Body serves as an intellectual think tank to provide critical information and advice to the Governing Body. Their inputs help shape and maintain the overall academic quality, curriculum development and spectrum of services.

**Frequency of meetings & last meeting Date : As frequently as possible or as and when required**

### FREQUENCY OF THE BOARD MEETINGS AND ACADEMIC ADVISORY BODY:

The Governing Board normally meets Bi-annually or as frequently as required; similarly the Academic Advisory Body meets as and when required.

## 9. ORGANIZATIONAL CHART AND PROCESSES



## **NATURE AND EXTENT OF INVOLVEMENT OF FACULTY AND STUDENTS IN ACADEMIC AFFAIRS/IMPROVEMENTS**

The institute has adopted the Faculty Advisory System in which each faculty is assigned with a group of students (not more than 15) with whom students closely interact regarding their academic & other problems. This method immensely helps for further improvements. Faculty Advisors either solves the problems by themselves or help to solve it through proper channel. Students are encouraged to organize various cultural and sports activities in the institute, which helps to develop organizational skills. Faculty at the institute actively participates in all student activities, academic affairs in curricular programs. Faculty of each branch/department guided by the respective HODs plan and carries out course plans, curricular programs and other academic and extra academic activities much ahead of time and executes them meticulously. Student grievances/problems are regularly discussed, often in the teacher-guardian-student cells and solutions are sought.

## **MECHANISM/NORMS & PROCEDURE FOR DEMOCRATIC/GOOD GOVERNANCE**

Staff Council meets as and when required discussing various problems concerning the institute staff. This council proposes various measures to overcome the difficulties. HOD and faculty of each department/branch check out details of course and other curricular programs as also departmental requirements well in advance and inform the authorities for their smooth timely execution. Many a times, requirements of students, and also suggestions from industries and academic peers are taken into consideration, with thorough discussion by authorities of institute to act on them.

## **10. STUDENT FEEDBACK MECHANISM ON INSTITUTIONAL GOVERNANCE / FACULTY PERFORMANCE**

A circular 360 Feedback mechanism has setup in the institution; wherein students would give their opinion on the faculty performance, institutional systems and corporate governance. Feedback forms regarding the methodology of teaching are given to each student at the end of the semester. Students fill up these forms, which are basically in the form of a questionnaire with their comments on teachers' performance in their respective courses not mentioning their names. These forms are submitted to the feedback cell for analysis and solution. Similar feedback forms are also available in the Warden's office regarding the hostel matters.

Teacher of respective courses would also assess students in Internal Tests/Assessments. The performance of faculty and staff would also be peer reviewed at the end of every year. For maintenance and sustenance of work efficiency.

## **11. GRIEVANCE REDRESSAL MECHANISM FOR FACULTY, STAFF AND STUDENTS**

Faculty and staff grievances regarding administrative matters are reported to the Principal via Administrative Officer/HOD. Students interact with their respective faculty advisors, which are routed to In charge, Students Welfare or Administrative Officer as per its nature. Well worked out mechanisms have been planned for grievance redressal prevention of sexual harassment of women and anti-ragging each of these bodies is headed by senior faculty members with other supporting members.

**There is an ANTI-RAGGING CELL to look after prevention of ragging and similar activities. SITE being a new institution, there is no reported case of ragging. Every month, the Commissionerate of the city police is informed about the situation of ragging or otherwise.**

**12. PROGRAMMES**

**NAME OF THE PROGRAMMES (UG) APPROVED BY THE AICTE**

1. Computer Sc. & Engg
2. Electronics & Telecommunication Engg
3. Electrical & Electronics Engg
4. Mechanical Engg.
5. Civil Engg.( proposed to start in 2010-11 after AICTE approval)

<u>NAME OF THE DEPT.</u>	<u>Computer Sc. &amp; Engg.</u>	
• Number of existing seats	60(1 <sup>st</sup> year)	60 (2 <sup>nd</sup> year) extension requested
• Course	Engg. & Tech.	
• Level	UG	
• Duration	4 yrs	
• 1 <sup>st</sup> yr. approval by AICTE	2009	
• Actual Admission in 2009-2010	1	
• Quota	General	
• % student pass with distinction	not applicable(NA)	
• %student with 1 <sup>st</sup> class	NA	
• %student placed	NA	
• Pay package Rs. Per yr.	NA	
• %student opted for higher study	NA	
• Accreditation status	NA	
• Doctoral courses	NA	
• Foreign Collaboration	Being planned	
• Professional society membership	Being planned	
• Professional Activities	Being planned	
• Consultancy Activities	Being planned	
• Grants fetched	Being planned	
• Departmental Achievement	Teaching	
• Distinguished Alumni	NA	

**NAME OF THE DEPT Electronics & Telecommunication Engg**

• Number of existing seats	60(1 <sup>st</sup> year)	60 (2 <sup>nd</sup> year) extension requested
• Course	Engg. & Tech.	

• Level	UG
• Duration	4 yrs
• 1 <sup>st</sup> yr. approval by AICTE	?
• Actual Admission in 2009-2010	
• Quota	General
• % student pass with distinction	not applicable(NA)
• % student with 1 <sup>st</sup> class	NA
• % student placed	NA
• Pay package Rs. Per yr.	NA
• % student opted for higher study	NA
• Accreditation status	NA
• Doctoral courses	NA
• Foreign Collaboration	Being planned
• Professional society membership	Being planned
• Professional Activities	Being planned
• Consultancy Activities	Being planned
• Grants fetched	Being planned
• Departmental Achievement	Teaching
• Distinguished Alumni	NA

**NAME OF THE DEPT**

**Electrical & Electronics Engg**

• Number of existing seats	60(1 <sup>st</sup> year)	60 (2 <sup>nd</sup> year) extension requested
• Course	Engg. & Tech.	
• Level	UG	
• Duration	4 yrs	
• 1 <sup>st</sup> yr. approval by AICTE	?	
• Actual Admission in 2009-2010	1	
• Quota	General	
• % student pass with distinction	not applicable(NA)	
• % student with 1 <sup>st</sup> class	NA	
• % student placed	NA	
• Pay package Rs. Per yr.	NA	
• % student opted for higher study	NA	
• Accreditation status	NA	
• Doctoral courses	NA	
• Foreign Collaboration	Being planned	
• Professional society membership	Being planned	
• Professional Activities	Being planned	
• Consultancy Activities	Being planned	
• Grants fetched	Being planned	

- Departmental Achievement Teaching
- Distinguished Alumni NA

**NAME OF THE DEPT**

**Mechanical Engg.**

- Number of existing seats proposed 120 1st year,60 (2<sup>nd</sup> year) extension requested
- Course Engg. & Tech.
- Level UG
- Duration 4 yrs
- 1<sup>st</sup> yr. approval by AICTE ?
- Actual Admission in 2009-2010
- Quota General
- % student pass with distinction not applicable(NA)
- % student with 1<sup>st</sup> class NA
- % student placed NA
- Pay package Rs. Per yr. NA
- % student opted for higher study NA
- Accreditation status NA
- Doctoral courses NA
- Foreign Collaboration Being planned
- Professional society membership Being planned
- Professional Activities Being planned
- Consultancy Activities Being planned
- Grants fetched Being planned
- Departmental Achievement Teaching
- Distinguished Alumni NA

**NAME OF THE DEPT**

**APPLIED SCIENCES & HUMANITIES**

- Number of existing seats All 1<sup>st</sup> yr. students
- Course Engg. Chem., Engg. Phys,Engg. Maths, Communicative English
- Level
- Duration
- 1<sup>st</sup> yr. approval by AICTE 2009
- Actual Admission in 2009-2010 1
- Quota General
- % student pass with distinction Not applicable(NA)
- % student with 1<sup>st</sup> class NA
- % student placed NA
- Pay package Rs. Per yr. NA



- %student opted for higher study NA
- Accreditation status NA
- Doctoral courses NA
- Foreign Collaboration Being planned
- Professional society membership Being planned
- Professional Activities Being planned
- Consultancy Activities Being planned
- Grants fetched Being planned
- Departmental Achievement Teaching & Research
- Distinguished Alumni NA

**NAME OF THE DEPT**

**Proposed Civil Engg. Dept. (with 60 new intakes)  
After AICTE approval**

### 13. NAMES OF TEACHING STAFF

Branch wise list faculty members:

Permanent Faculty

Name/Designation	Qualification & Specialization	Date Of Joining	Total experience (Yrs)			Achievements			
			T	I	R	Publ	Res Guid	Consul	Awards
<b>Prof. (Dr.) Asoka Misra*</b> (*No more with the Institute w.e.f 24-10-2010)	B.Sc(Engg), BHU,(Metallurgy), M.S & Ph.D (Polytechnic University, USA) Specialization: Process Metallurgy & Material Science <b>Experience:- 35</b>	26/6/2009	15	4	16	10+3 PATEN T+4 PROC	3	3	Inventor of 4+2 inventions/techniques
<b>ELECTRICAL &amp; ELECTRONICS ENGG. DEPT.</b>									
<b>Prof. Pramod Chandra Dash</b>  Professor & HOD	M.Tech. (Electrical Engineering) <b>Specialization</b> : EM, Control Systems and Advanced TV Engg Experience: 42 years	07/7/2009	33	09					
<b>Madhuchhanda Bhanja Deo</b>  Asst. Professor	B.E. (Electrical Engineering) Specialization: T & D, EM <b>Experience</b> : 5 years	22/7/2009	5						
<b>ELECTRONICS &amp; TELECOMMUNICATION ENGG DEPT</b>									
<b>Chakanayan Sahoo</b>  HOD	M.Tech. Specialization: Communication Engg Experience : 6 years	07/8/2009	6						
<b>COMPUTER SC. &amp; ENGG DEPT.</b>									
<b>Prakash Chandra Patra</b>  HOD	M.Tech. (Computer Sc. & Engg) <b>Specialization</b> : Mobile Adhoc Network & Software Development <b>Experience</b> : 15 years	08/7/2009	6	9					
<b>Bibhuti Bhusana Behera</b> Asst. Prof.	M.Tech. (Computer Sc. & Engg) Specialization: DBMS & Networking <b>Experience</b> : 3 years	08/7/2009							
<b>MECHANICAL ENGG. DEPT.</b>									
<b>Pragyan Parimita Patnaik</b>  HOD	M.Tech. (Mech Engg) Specialization: Thermal Engg <b>Experience</b> : 4 years	23/7/2009	4						

Badal Datta (PT)	B Tech. (Mech.Engg.)								
ASST. Prof.		6/10/2009	3						
*Prof. B.C Mohanty (Prof.)	B Tech. (Mech.Engg.) Pre-Doctoral	2/11/2009				35			
<b>APPLIED SCIENCES &amp; HUMANITIES DEPT.</b>									
Dr. Bijnyan Ranjan Das , HOD	M.Sc. (Chemistry), Ph.D Specialisation: Adv. Inorganic Chem. <b>Experience : 9 years</b>	10/8/2009	9						
Dr. Nirajan Mishra	MSc in Mathematics, PhD Specialization:-Statistics & Probability <b>Experience: 15 years</b>	22/7/2009	15			01 BOOK			
Smruti Ranjan Parida	MSc. (Mathematics), M.Phil Specializations: - Complex Analysis, Fourier series, Number Theory.	17/7/2009							
Manas Ranjan Biswal	MSc. (Physics) <b>Specialization:-</b> Plazma Physics <b>Experience : 15 years</b>	25/7/2009	15						
Raj Sekhar Pankaj	MA, MPhil. (English) <b>Specialization:-</b> Linguistics <b>Experience: 8 years</b>	24/7/2009	8						
Jay Prakash Paramguru	MA (English) <b>Specialization:-</b> Linguistics, Phonetics <b>Experience : 7 years</b>	11/7/2009	7						

Every faculty member is involved in academic interactions and exchanges with other reputed persons in the respective field of other institution.

Faculty members from institutions of repute to be invited by the Principal from time to time.

- Visiting Faculty : Adjunct Faculty : \*B.C. Mohanty Adjunct Professor  
Dept. of Mechanical Engg. Guest Faculty : Badal Ray (Mechanical  
Engg. Dept)
- Permanent Faculty: Student Ratio 1:15

(\* No more with the Institute w.e.f 13-12-2010)

**PROFILE OF DIRECTOR/PRINCIPAL WITH QUALIFICATIONS, TOTAL EXPERIENCE, AGE AND DURATION OF EMPLOYMENT AT THE INSTITUTE CONCERNED**



**Prof. Dr. Asoka Misra \***

**Principal**

**Qualifications:-** B.Sc (Engg) BHU,(Metallurgy), M.S & Ph.D (Polytechnic University, New York, USA)

**Personal :** Age 60 yrs, Married, has children

**Address :** Prava Apartment No.15,  
Madhusudan Nagar, Unit- IV  
Bhubaneswar – 751 001  
Mobile- 9861333777, 0674-2394706

**Honours :** 1. Visiting Fellow at the Royal Institute of Technology, Stockholm, Sweden (1986-87)  
2. Post- Doctoral Fellow at the Rutgers University, New Jersey, USA(1977-78)

**Ph.D.Guidance :** Have successfully guided 2- Ph.D candidates at IIT, Kharagpur

**Experience :**

- 2007-2009 (May),- KEC, Pubasasan
- 2002-2007, KIST, Jatni
- 2000-2002-, Principal SSECT, Balasore
- 1999- 2000, Principal GHITM, Puri
- 1997- 1999, Principal, ITER, Bhubaneswar
- 1996-1997, Principal BIET , Bhadrak
- 1993-1995, Principal OEC, Bhubaneswar
- 1991-1993, Team Leader, Process Development KM Technology, New york.
- 1979-1991, Asst. Professor, Deptt. Of Metallurgical Engg, IIT Kharagpur
- Present research interest is in the field of Metal Matrix Composites (MMC). To be specific a new technique for production of MMC is being developed which has been applied for a patent under the title, "Misra Stir Casting Technique: A Process for MMC Production". These as a class of Materials have a potential application in the Automotive & Aerospace Industry for their natural property of being light weight with very high strength and high modulus of rigidity due to incorporation of oxides in the composites so produced.

**Achievements :** Four (4) Inventions to Credit. Two (Two) Techniques in Solidification Processing's of Metals and Alloys named after the Inventor: They are: "Misra Technique" & "Misra Random Rotation Technique".

**Patents :** 1- U.S. Patent, 2- Indian Patent

**Publication :** 10

**International**

**Conference Attend :** 5 + 1 (Invited Speaker at UK for 10 years Solidification Conference in 1987)

**Countries Visited :** USA, Canada, Mexico, UK, Germany, Holland, Sweden, Honk-Kong, Kuwait, Japan.

**Hobbies :** Photography, Traveling, Contemplating on matters of interest.

(\* No more with the Institute w.e.f 24-10-2010)

1. Name : (Dr) Rama Krushna Panda\*

2. Date of Birth : 22<sup>nd</sup> July 1946

3. Educational Qualification: Ph.D. in Chemical Reaction Dynamics.

4. Work Experience

- Teaching / Research 43 yrs
- Industry 2 yrs
- Others 15 yrs(Administrative while in service)

5. Area of Specializations: - Applied Chemistry, material Science & Technology

6. Subjects teaching at Under Graduate Level: - All subjects as prescribed by University, Presently Engg. Chemistry, material Science & Engg

Post Graduate Level:- All subjects as prescribed by University,

7. Research guidance

No. of papers published in

Master's : Large Number	- National Journals	30
Ph.D. : 19	- International Journals	170
	- Conferences	28

8. Projects Carried out 14 projects (of Major & Minor nature) funded by National Funding Agencies & Industries

9. Patents/Processes Two/Four

10. Technology Transfer 02(Bauxite ore processing & Bayer's process improvement)

11. Research Publications 228

12. No. of Books published with details -1

(\* Appointed as principal w.e.f. 24.10.2010)



## FACULTY PROFILE

1. Name : Prakash Chandra Patra  
2. Date of Birth : 01.07.1969  
3. Educational Qualification: M.Tech (CSE)



### 4. Work Experience

- Teaching 06 yrs
- Research
- Industry 09 yrs
- Others

5. Area of Specializations: - Wireless Sensor Network

6. Subjects teaching at Under Graduate Level: - C, DS, IWT, E-com & ERP, MC, CN

Post Graduate Level:-

### 7. Research guidance

No. of papers published in

- |          |                          |    |
|----------|--------------------------|----|
| Master's | - National Journals      | 01 |
| Ph.D.    | - International Journals |    |
|          | - Conferences            |    |

### 8. Projects Carried out

### 9. Patents

### 10. Technology Transfer

### 11. Research Publications

### 12. No. of Books published with details

# FACULTY PROFILE

1. Name : Bibhuti Bhusan Behera  
2. Date of Birth : 02.08.1973  
3. Educational Qualification: M.Tech (CSE)



4. Work Experience

- Teaching 3 yrs
- Research
- Industry
- Others

5. Area of Specializations: - DBMS, DAA, Networking

6. Subjects teaching at Under Graduate Level: - C, DS, DAA, CN, OOPS

Post Graduate Level:-

7. Research guidance

No. of papers published in

- |          |                          |
|----------|--------------------------|
| Master's | - National Journals      |
| Ph.D.    | - International Journals |
|          | - Conferences            |

8. Projects Carried out

9. Patents

10. Technology Transfer

11. Research Publications

12. No. of Books published with details

# FACULTY PROFILE

1. Name : Pramod Chandra Dash  
2. Date of Birth : 03.07.1940  
3. Educational Qualification: M. Tech (DTT (Hons))



4. Work Experience

- Teaching 33 yrs
- Research
- Industry 09 yrs
- Others

5. Area of Specializations: - Electrical Machines

6. Subjects teaching at Under Graduate Level: - BEE, Transmission & Distribution, Electrical Machines, Electrical Mass & Measuring Instruments,

Post Graduate Level:-

7. Research guidance

No. of papers published in

- |          |                          |
|----------|--------------------------|
| Master's | - National Journals      |
| Ph.D.    | - International Journals |
|          | - Conferences            |

8. Projects Carried out 10 Electrical Projects & 5 Electronics Projects

9. Patents

10. Technology Transfer

11. Research Publications

12. No. of Books published with details



# FACULTY PROFILE

1. Name : Er. Madhuchhanda Bhanja Deo  
2. Date of Birth : 18.06.1983  
3. Educational Qualification: B.E. in Electrical Engg.



## 4. Work Experience

- Teaching 4 yrs
- Research
- Industry
- Others

5. Area of Specializations: - Electrical machines, Transmission & Distribution, BEE

6. Subjects teaching at Under Graduate Level: - BEE, IM, EM

Post Graduate Level:-

## 7. Research guidance

No. of papers published in

- |          |                          |
|----------|--------------------------|
| Master's | - National Journals      |
| Ph.D.    | - International Journals |
|          | - Conferences            |

## 8. Projects Carried out

## 9. Patents

## 10. Technology Transfer

## 11. Research Publications

## 12. No. of Books published with details

# FACULTY PROFILE

1. Name : Er. Chakanayana Sahu  
2. Date of Birth : 07.08.1976  
3. Educational Qualification: B.E. in ETC Engg



4. Work Experience

- Teaching 6 yrs
- Research
- Industry 1 yrs
- Others

5. Area of Specializations: - Communication Engg.

6. Subjects teaching at Under Graduate Level: - BE, AEC, DEC, DSP, EMT

Post Graduate Level:-

7. Research guidance

No. of papers published in

- |          |                          |
|----------|--------------------------|
| Master's | - National Journals      |
| Ph.D.    | - International Journals |
|          | - Conferences            |

8. Projects Carried out : Telephone Exchange, Wireless LAN, Clap Switch using LDR.

9. Patents

10. Technology Transfer

11. Research Publications

12. No. of Books published with details

# FACULTY PROFILE

1. Name : Er.Pragyan Parimita Patnaik

2. Date of Birth : 09.10.1984

3. Educational Qualification: M.Tech.(Mech.Engg)

4. Work Experience

- Teaching 3 yrs
- Research
- Industry
- Others

5. Area of Specializations: - Thermal Engg

6. Subjects teaching at Under Graduate Level: - Mechanics, Material Science, IPM, and Heat Transfer

Post Graduate Level:-

7. Research guidance No. of papers published in

Master's - National Journals

Ph.D. - International Journals

- Conferences

8. Projects Carried out

9. Patents

10. Technology Transfer

11. Research Publications

12. No. of Books published with details



# FACULTY PROFILE

1. Name : Prof. B. C Mohanty\*

2. Date of Birth : 04.02.1941

3. Educational Qualification: B.Mech. Engg. ,Pre-Doct courses

4. Work Experience

- Teaching 2years
- Research 34 years
- Industry
- Others



5. Area of Specializations: - Mech. Engg. Design, Plasma technology, Materials technology

6. Subjects teaching at Under Graduate Level: - Mechanics, Thermodynamics, machine Design , Plasma technology

Post Graduate Level:- machine Design , Plasma technology

7. Research guidance

No. of papers published in

- Master's - National Journals 63
- Ph.D. 1 - International Journals 44
- Conferences 59

8. Projects Carried out 18 major projects

9. Patents 43

10. Technology Transfer 3

11. Research Publications 107

12. No. of Books published with details : 03

(\* No more with the Institute w.e.f 13-12-2010)

# FACULTY PROFILE

1. Name : BADAL KUMAR DATTA  
2. Date of Birth : 01.04.1983  
3. Educational Qualification: B.Tech. (Mech. Engg.)



4. Work Experience

- Teaching 3 yrs
- Research
- Industry
- Others

5. Area of Specializations: - Thermal Engg,

6. Subjects teaching at Under Graduate Level: - Thermodynamics, Heat Transfer, materials strength

Post Graduate Level:-

7. Research guidance No. of papers published in

- |          |   |                        |
|----------|---|------------------------|
| Master's | - | National Journals      |
| Ph.D.    | - | International Journals |
|          | - | Conferences            |

8. Projects Carried out

9. Patents

10. Technology Transfer

11. Research Publications

12. No. of Books published with details

# FACULTY PROFILE

1. Name : Dr. Bijnyan Ranjan Das

2. Date of Birth :24.01.1974

3. Educational Qualification :M.Sc.(Chemistry), Ph.D.

4. Work Experience

- Teaching :9yrs
- Research
- Industry
- Others

5. Area of Specializations:- : Advanced Inorganic Chemistry

6. Subjects teaching at Under Graduate Level: - Chemistry-I, Chemistry-II, Env. Engg, Physical Metallurgy,

Post Graduate Level:-

7. Research guidance

No. of papers published in

- |          |   |                        |
|----------|---|------------------------|
| Master's | - | National Journals      |
| Ph.D.    | - | International Journals |
|          | - | Conferences            |

8. Projects Carried out

9. Patents

10. Technology Transfer

11. Research Publications 03

12. No. of Books published with details



# FACULTY PROFILE

1. Name : Dr. Niranjan Mishra
2. Date of Birth : 02.06.1969
3. Educational Qualification: Ph.D in Mathematics



4. Work Experience

- Teaching 15 yrs
- Research 08 yrs
- Industry
- Others

5. Area of Specializations: - Mathematical Statistics and Probability.

6. Subjects teaching at Under Graduate Level: - Ordinary diff. Eqn, Partical diff. eqn, Linear algebra, Vector analysis, complex analysis, numerical analysis, Mathematical statistics operation research, DMS.

Post Graduate Level:-

7. Research guidance

No. of papers published in

- Master's - National Journals
- Ph.D. - International Journals
- Conferences

8. Projects Carried out

9. Patents

10. Technology Transfer

11. Research Publications

12. No. of Books published with details: One (Engg, Mathematics) for 1<sup>st</sup> year)

# FACULTY PROFILE

1. Name : Smruti Ranjan Parida  
2. Date of Birth : 11.11.1979  
3. Educational Qualification: M.Phil (Maths)



4. Work Experience

- Teaching 8 yrs
- Research
- Industry
- Others

5. Area of Specializations: - Complex Analysis, Fourier series, Number Theory.

6. Subjects teaching at Under Graduate Level: - DMS, PS, OE, NA, LA

Post Graduate Level:-

7. Research guidance

No. of papers published in

- |          |                          |
|----------|--------------------------|
| Master's | - National Journals      |
| Ph.D.    | - International Journals |
|          | - Conferences            |

8. Projects Carried out

9. Patents

10. Technology Transfer

11. Research Publications 01(MONO- WIER NON-LINEAR PROGRAMMING)

12. No. of Books published with details



# FACULTY PROFILE

1. Name : Manas Ranjan Biswal  
2. Date of Birth : 16.02.1971  
3. Educational Qualification: M.Sc. (Physics)



4. Work Experience

- Teaching 15 yrs
- Research
- Industry
- Others

5. Area of Specializations: - Plasma Physics

6. Subjects teaching at Under Graduate Level: - Engg. Physics, Semiconductor Physics

Post Graduate Level:-

7. Research guidance

No. of papers published in

- |          |   |                        |
|----------|---|------------------------|
| Master's | - | National Journals      |
| Ph.D.    | - | International Journals |
|          | - | Conferences            |

8. Projects Carried out

9. Patents

10. Technology Transfer

11. Research Publications

12. No. of Books published with details

# FACULTY PROFILE

1. Name : Rajshekhar Pankaj  
2. Date of Birth : 21.01.1978  
3. Educational Qualification: M.Phil(English)



4. Work Experience

- Teaching 6 yrs
- Research
- Industry
- Others

5. Area of Specializations: - Linguistics & English Language Teaching

6. Subjects teaching at Under Graduate Level: - Business *Commu.* English, Soft Skills

Post Graduate Level:-

7. Research guidance

No. of papers published in

- |          |                          |
|----------|--------------------------|
| Master's | - National Journals      |
| Ph.D.    | - International Journals |
|          | - Conferences            |

8. Projects Carried out

9. Patents

10. Technology Transfer

11. Research Publications

12. No. of Books published with details:

# FACULTY PROFILE

1. Name : Jayaprakash Paramguru  
2. Date of Birth : 02.06.1979  
3. Educational Qualification: M.Phil (English)



4. Work Experience

- Teaching 7 yrs
- Research
- Industry
- Others

5. Area of Specializations: - Linguistics, Phonetics

6. Subjects teaching at Under Graduate Level: - English Literature, Communicative English

Post Graduate Level:-

7. Research guidance

No. of papers published in

- |          |                          |
|----------|--------------------------|
| Master's | - National Journals      |
| Ph.D.    | - International Journals |
|          | - Conferences            |

8. Projects Carried out : 02(Two)

9. Patents

10. Technology Transfer

11. Research Publications

12. No. of Books published with details:

❖ **NUMBER OF SEATS ALLOTTED TO DIFFERENT TEST QUALIFIED CANDIDATES SEPARATELY BY AIEEE/OJEE (STATE CONDUCTED TEST)- As per the JEE, Orissa Guidelines**

70% seats of Approved Intake through Orissa JEE & remaining 15% seats from AIEEE, 15% seats for NRI/PIO quota from merit lists of OJEE/AIEEE-2009.

MERIT LIST OF OJEE /AIEEE ACCORDING TO RESERVATION POLICY OF STATE / CENTRAL GOVTS. SC -22.5% , ST-7.5% , PH-5% ,GREEN CARD-5% ,EX-SERVICEMAN-5% ; WOMEN AVAIL 30% OF RESERVATION UNDER EACH CATEGORY DESCRIBED ABOVE .

• **ADMISSION INTAKE**

**NUMBER OF SEATS SANCTIONED WITH THE YEAR OF APPROVAL.**

Year of Approval	BRANCH	Sanctioned Strength	Actual Strength
2009	COMP.SC.ENGG	60	01
	ELECTRICAL & ELECTRONICS ENGG	60	15
	ELECTRONICS & TELECOMM. ENGG	60	19
	MECHANICAL ENGG	60	60
	<b>TOTAL</b>	<b>240</b>	<b>95</b>

❖ **ADMISSION PROCEDURE/CRITERIA**

(As per the JEE, Orissa Guidelines)

- **MENTION THE ADMISSION TEST BEING FOLLOWED, NAME AND ADDRESS OF THE TEST AGENCY AND ITS URL (WEBSITE).**

ORISSA JEE (BPUT)- [www.bput.org](http://www.bput.org) ,AIEEE (CBSE) - [www.cbse.org](http://www.cbse.org)

**APPLICATION FORM**

Downloadable application form, with online submission possibilities.

(As per the JEE, Orissa Guidelines)

• **LIST OF APPLICANTS**

List of candidates whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidates who have applied along with percentage and percentile score for Management quota seats.

(As per the JEE, Orissa Guidelines)

- **RESULTS OF ADMISSION UNDER MANAGEMENT SEATS/VACANT SEATS**  
Composition of selection team for admission under Management Quota with the brief profiles of members (This information is made available in the public domain after the admission process is over)
- Score of the individual candidates admitted arranged in order of merit.
- List of candidates who have been offered admission.
- Waiting list of the candidates in order of merit to be operative from the last date of joining of the first list candidates.
- List of the candidates who joined within the date, vacancy position in each category before operation of waiting list. (4 students joined under management quota in mechanical Engg. Dept. in 1<sup>st</sup> year.)

❖ **FEE IN RUPEES**

**DETAILS OF FEES, AS APPROVED BY STATE FEE STRUCTURE COMMITTEE**

S.No.	Category	Admitted through JEE-2009		NRI / AIEEE	
		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	Nil	Nil	Nil	Nil
2.	Tuition Fee	45,000	45,000	45,000	45,000
3.	University fee (Examination fee, Registration fee etc.)	4,500 (Admission time)	4,500 (Admission time)	4,500 (Admission time)	4,500 (Admission time)
4.	Hostel fee (Seat Rent) (Caution Money)	14,000	11,000 3,000	14,000	11,000 3,000
5.	Laboratory fee	Nil	Nil	Nil	Nil
6.	Library fee	Nil	Nil	Nil	Nil
7.	Placement & Training	2,500	2,500	2,500	2,500
8.	Blazer (One time)	2,500	2,500	2,500	2,500
9.	College Caution Money (One time) (Refundable)	3,000	3,000	3,000	3,000
<b>Total:-</b>			<b>71,500</b>		<b>71,500</b>

\*Tuition fees collected will be adjusted / refunded as per the revision by the Fee Structure Committee/Govt. of Orissa

❖ **Fee waivers**

- **TIME SCHEDULE FOR PAYMENT OF FEE FOR THE ENTIRE PROGRAMME.**

31 July of every year for payment of Annual Fees

- **NUMBER OF SCHOLARSHIP OFFERED BY THE INSTITUTE, DURATION AND AMOUNT**

Rs. 15,000/- for every student of 2009-10 admission batch. Different scholarships are to be awarded also to meritorious students of subsequent years.

- **CRITERIA FOR FEE WAIVERS/SCHOLARSHIP.**

For all 1<sup>st</sup> year Students offered by the institution .

- **ESTIMATED COST OF BOARDING AND LODGING IN HOSTELS.**

Rs. 34,000/-(Maximum) with fooding, per student per year (for the session 2009-10).

❖ **CALENDAR FOR ADMISSION AGAINST MANAGEMENT/VACANT SEATS:**

- Last date for request for applications. (Given by BPUT for each year)
- Last date for submission of application.
- Dates for announcing final results.
- Release of admission list (main list and waiting list should be announced on the same day)
- Date for acceptance by the candidate (time given should in no case be less than 15 days)
- Last date for closing of admission.
- Starting of the Academic session.
- The waiting list should be activated only on the expiry of date of main list.
- The policy of refund of the fee, in case of withdrawal, should be clearly notified.

(As per the JEE, Orissa Guidelines)

- **CRITERIA AND WEIGHTAGES FOR ADMISSION**

(As per the JEE, Orissa Guidelines)

- Describe each criteria with its respective weightages i.e. Admission Test, marks in qualifying examination etc.
- Mention the minimum level of acceptance, if any.
- Mention the cut-off levels of percentage & percentile scores of the candidates in the admission test for the last three years.
- Display marks scored in Test etc. and in aggregate for all candidates who were admitted.

❖ **NRI/PIO QUOTA**

**15% OF TOTAL SUBJECT TO AVAILABILTY OF MERIT BASED STUDENTS.**

**15. INFORMATION ON INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE**

**CLASS ROOM/TUTORIAL ROOMS**

SL NO	DEPT	CLASSROOMS(AREA IN SQM)	TUTORIAL ROOMS(AREA IN SQM)
1	COMP. SC. ENGG.	86.83+60.18	
2	ELECTRICAL & ELECTRONICS ENGG.	69.18+69.18	33.03
3	ELECTRONIC & TELICOM ENGG.	69.18+93.27	35.89
4	MECHANICAL ENGG.	86.83+71.51+93.27	53.93
5	CIVIL ENGG	94.12	

**LIBRARY:**

- Number of Library books/Titles/Journals available (programme-wise)

S.No	Course(s)	Number of titles of the books	Number of volumes	Journals	
				National	International
	Computer Science & Engg	268	1243	2	2
	Electrical & Electronics Engg	289	1413	2	2
	Electronics & TC Engg	267	1215	2	2
	Mechanical Engg	291	1402	2	3
	Sciences & Humanities / Inter Disciplinary	336	1710	5	3
	<b>Total</b>	<b>1451</b>	<b>6983</b>	<b>13</b>	<b>12</b>

- List of online National/International Journals subscribed.

Under Process

- E-Library facilities

Under Process

❖ **CAFETERIA /CANTEEN 200 (sqm)**

❖ **SECURITY 30 SQM**

**LABORATORY:**

For each Laboratory

- ❖ List of Major Equipment/Facilities

	Name of the Course	Name of the Laboratory / Workshop	Area in SQM	Major equipment
1	<b>Workshop-1</b>		<b>250</b>	
		<b>Fitting Shop</b>		All Hand Tools required for fitting job work
		<b>Welding shop</b>		Arc Welding Set and Oxy-acetylene welding equipment, Welding Torch, cutting torch
		<b>Machine Shop</b>		Center Lathe Make: Pathak Machine Tools Pvt. Ltd: 4 Nos Drilling Machine, Make: Pathak Machine Tools Pvt. Ltd-1 Shaping Machine Make: Pathak Machine Tools Pvt. Ltd-1 Milling Machine Make: Pathak Machine Tools Pvt. Ltd-1 Power Saw, Pathak Machine Tools Pvt. Ltd Grinding Machine:

1	Electric al Engg	Basic Electrical Engg Lab.	150	DC Rectifier Unit AC                      DC 3- $\phi$ , 415 Volt, 50Hz, 30 A, 0 to 220 Volt 50 A DC Distribution Panel –230 V DC, 100 A 3- $\phi$ load Box  3- $\phi$ Induction Motor: 110 V, 50Hz, 1475 rpm, 1.6 A , 0.5 HP DC SHUNT MACHINE: 110 V Dc 3 A, 1500 RPM, 0.5 HP, SHUNT FIELD 110 V DC AC SERIES / REPULSION MOTOR: 110 V, 50Hz, 3A, 3000 RPM, 0.5 HP 1- $\phi$ INDUCTION MOTOR: 110 V, 50 HZ AC, 3A, 1450 RPM, 0.5 HP <b>Ammeter, Voltmeter, Starters, Regulators, Reostarts, Tachometer,          Wattmeter,- 2 nos each</b> WARD LEONARD SYSTEM DC Shunt Motor 220 V 12 A, 1500rpm 3 HP DC Generator 220 V, 9 A, 2 KW, 1500 rpm  Generator Motor Set DC Shunt Generator 220 V 4.5 A 1 KW, 1500rpm DC Shunt Motor 220 V 6.8 A 2 HP 1500rpm  DC Compound Motor: 220 V, 6.8 A, 2 HP, 1500 rpm <b>Multimeter, Stopwatch etc.</b>  3- $\phi$ Inductive Load Box AC Distribution Panel: 3- $\phi$ , 415 V
				E & TC Engg
2		Basic electronics lab	150	BJT Transistor Trainer- 01 (TTT-O1A) Function Generator-10 (SM-5070 3- MHZ) Study trainer kits for diodes, Rectifiers, BJT Transistor , OP-amp, Broad Band, RC coupled amplifier etc- 03 nos each Multimeter-10 No's Universal Digital IC Trainer Test Equipment-10No.s Cathode Ray Oscilloscope- 10Nos.
	Computer Sc. & Engg		150	SERVER - 1
1		C Programmin g Lab		COMPUTER (Intel Core 2 Duo) – 30 Nos TURBOC C++
2		Internet Lab		COMPUTER (Intel Core 2 Duo) – 30 Nos
	<b>Other Labs</b>			
1		Engineer ing drawing lab.	70	



2		<b>Physics Lab</b>	160	Vernier Slide Calipers – 10 nos Screw Gauges- 10 nos. Lee' s Disc Apparatus & Accessories- 2 nos BJT, PN JN diode – 2 nos each Surface Tension apparatus- 2 nos Travelling Microscope- 2 nos Telescope's Diffraction Grating- 2 nos each Barton Apparatus Set- 2nos Thermometers etc- 10 nos
3		<b>Chemistry Lab</b>	160	Common Glassware's, Spectrophotometer, pH meter, Pensky-Marten flash point apparatus, Redwood viscometer,
4		<b>Communicative English Lab</b>	72	LCD Projector, OHP, Computer Systems-2 , PAS

➤ List of Experimental Setup

**CHEMISTRY LAB.**

Sl.No	10 Experiments are to be done out of the following:-
1	Determination of amount of sodium hydroxide and sodium carbonate in a mixture.
2	Determination of total hardness of water by EDTA method.
3	Estimation of calcium in limestone.
4	Determination of percentage of available chlorine in a sample of bleaching powder.
5	Preparation of Aspirin.
6	Preparation of buffer solution and determination of pH of a buffer solution.
7	Standardization of $KMnO_4$ using sodium oxalate
8	Determination of Ferrous iron in Mohr's salt by potassium permanganate.
9	Determination of dissolved Oxygen in a sample of water.
10	Determination of Viscosity of lubricating oil by Red wood viscometer.
11	Determination of Flash point of given oil by Pensky_Marten's flash point approach.
12	Preparation of Phenolphthalein.
13	Determination of partition coefficients of iodine between benzene and water.
14	Determination of rate constant of acid catalyzed hydrolysis reaction.
15	Determination of concentration of a coloured substance by spectrophotometer.

**PHYSICS LAB.**

Sl.No	10 Experiments are to be done out of the following:-
1	Determination of Young's modulus by Searle's methods.
2	Determination of Rigidity modulus by static methods.
3	Determination of surface tension by capillary rise method.
4	Determination of acceleration due to gravity by Bar / Kater's pendulum.
5	Determination of thermal conductivity by Lee's method.
6	Determination of wave length of light by Newton's ring apparatus.
7	Determination of grating element of a diffraction grating.
8	Plotting of characteristic curves of a PN junction diode.
9	Plotting of characteristic curves of BJT.
10	Verification of laws of verification of strings using sonometer.
11	Determination of wavelength of laser source by diffraction grating methods.
12	Study of Hall effect.
13	Study of RC circuit.
14	Study of a power source- output impedance.
15	Study of a Photoemission.

### **BASIC ELECTRONICS LAB.**

<b>S.No</b>	<b>At least 8 experiments including experiments 1 to 7 and any one from experiments 8 to 10:-</b>
1	Familiarization of electronic components and devices (Testing of semiconductor diodes and transistors using digital multimeter)
2	Study and use of Oscilloscope, signal generator to view waveforms and measure amplitude and frequency of a given waveform.
3	V-I characteristics of semiconductor diode and determining its DC and AC resistance.
4	Studies on half-wave and full-wave rectifier circuits without and with capacitor filter; recording of the waveforms and measurement of average and rms values of the rectifier output.
5	V-I characteristic of an n-p-n or p-n-p transistor, DC biasing the transistor in common-emitter configuration and determination of its operating point (i.e., various voltages and Currents).
6	Studies on Op-Amp applications (Inverting, non-inverting integrating and differentiating Configurations); recording of the input-output waveforms.
7	Studies on Logic gates (Truth table verification of various gates).
8	Gain-frequency response studies of a BJT common-emitter RC coupled amplifier.
9	Studies and experiments using MUX-DEMUX ICs.
10	Study on CMOS logic inverter.

### **BASIC ELECTRICAL LAB.**

<b>S.No</b>	<b>At least 8 experiments including experiments 1 to 7 and any one from experiments 8 to 10:-</b>
1	Connection and measurement of power consumption of a fluorescent lamp.
2	Measurement of armature and field resistances of a DC compound machine.
3	Starting and speed control of a DC shunt motor by (a) field flux control method, and (b) armature voltage control method.
4	V-I characteristics of incandescent lamps and time-fusing current characteristics of a fuse.
5	Connection and testing of a single-phase energy meter.
6	Starting of three-phase induction motor by star-delta starter.
7	Determination of open circuit characteristics (OCC) of DC shunt generator.
8	Calculation of current, voltage and power in series R-L-C circuit excited by single-phase AC supply and calculation of power factor.
9	Calculation of no load losses of a single-phase transformer.
10	Study of single-phase induction motors/ fan motors.

### **WORKSHOP PRACTICE**

<b>S.No</b>	<b>Section</b>	<b>Experiments</b>
1	<b>Fitting Shop</b>	Fitting Practice: Use of hand tools in fitting, preparing a male and female joint of M.S. or making a paper weight of M.S.
2	<b>Welding Shop</b>	1. Welding Practice: Gas welding & Electric Arc welding Practice. 2. A joint such as a Lap joint, a T-joint or a Butt joint is to be prepared or to make furniture.
3	<b>Machine Shop/ Lathe</b>	Stepped cylindrical Turning of a job and Thread-cutting in lathe.
4	<b>Machine Shop/ Shaper</b>	Introduction to Shaping
5	<b>Machine Shop/ Milling Machine</b>	Introduction to Milling

## Engineering Drawing

S.No	List of Experiments
1	<b>Introduction to Engineering Drawing:</b> Sheet Lay-out & Sketching, Line Drawing, Lettering & Dimensioning; Concept of Orthographic Projection, First-angle Projection,
2	Projections of Points, Projection of straight line,
3	Projection of planes,
4	Projection of Solids,
5	Intersection of surfaces,
6	Development of surfaces,
7	Isometric Projection,
8	Sectional Views of solids,
9	Introduction to computer-Aided Drafting.

### ➤ **COMPUTING FACILITIES:**

➤ Number and Configuration of Systems:

77(Intel Core 2 Duo) PC & One  
(IntelXenon2 GHz)Server +  
70 (Intel Core 2 Duo) PC & One  
(IntelXenon2 GHz)Server

➤

➤ Total number of systems connected by LAN

78+70

➤ Total number of systems connected to WAN

➤ Internet bandwidth

2- MBPS

➤ Major software packages available

Windows Server STD 2008, Widows XP  
Professional SP-3, TURBO C++, E Scan-Anti  
Virus, OEM Office PRO 2007.

➤ Special purpose facilities available

LCD projector, Scanner, OHP,  
Printers, Recorder

### **WORKSHOP:**

➤ List of facilities available.

Sl.No.	Name of the Workshop	Area in Sqm.	Capacity/Seats
1	Milling shop	200.74	15
2	Fitting shop		15
3	Shapping Shop		15
4	Welding shop(Gas & Electric)		15
5	Drilling Shop		15
6	Machine Shop		15

Games and Sports Facilities

State of Art Gym, Indoor & Outdoor  
Facilities provided

Extra Curriculum Activities

Soft Skill Development Facilities

Classes held on Sundays and  
Other Holidays when required

Number of Classrooms and size of each

Available 10 nos (60.18-94.12 Sqm each)

Number of Tutorial rooms and size of each

Available 2 nos (33.33-53.03 Sqm each)

Number of laboratories and size of each Available 18 nos (70.00-200.74 Sqm each)

Number of drawing halls and size of each Available 1 no (186.39 Sqm)

Number of Computer Centers with capacity of each Available 2 nos ( 166.78 Sqm)

Central Examination Facility, Number of rooms and capacity of each.

Yes, additionally classrooms are used for conduct of Exams

Teaching learning process OHP, LCD and Multimedia devices

- Curricula and syllabi for each of the Programmes (As prescribed by BPUT)

## BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ORISSA

### Course Structure & Syllabus for 1<sup>st</sup> year(2008-admission batch) B.Tech Programme

<sup>st</sup> 1 Semester				<sup>nd</sup> 2 Semester			
Theory Code	Subject	Contact Hours L-T-P	Credit	Theory Code	Subject	Contact Hours L-T-P	Credit
BS1101	Mathematics- I	3- 1- 0	4	BS1104	Mathematics-II	3- 1- 0	4
BS1102	Physics – I	3- 0- 0	3	BS1103	Chemistry-I	3- 0- 0	3
	Or						
BS1103	Chemistry-I			BS1102	Physics – I		
BE2101	Basic Electronics	3- 0- 0	3	BE2102	Basic Electrical Engineering	3- 0- 0	3
	Or						
BE2102	Basic Electrical Engineering			BE2101	Basic Electronics		
BE2103	Thermodynamics	3- 0- 0	3	BE2104	Mechanics	3- 0- 0	3
	Or						
BE2104	Mechanics			BE2103	Thermodynamics		
HM3101	Communicative English	2- 0- 0	2	HM3102	Business Comm.in English	2- 0- 0	2
BE2105	Programming in 'C'	3- 0- 0	3	BE2106	Data Structure using 'C'	3- 0- 0	3
<b>Theory Credits</b>			<b>18</b>	<b>Theory Credits</b>			<b>18</b>
<b>Practical/ Sessional</b>				<b>Practical/ Sessional</b>			
BE7101	Engineering Drawing	0- 0- 3	2	BE7102	Workshop Practice	0- 0- 3	2
	Or						
BE7102	Workshop Practice			BE7101	Engineering Drawing		
BE7103	Physics Laboratory	0- 0- 3	2	BE7104	Chemistry Laboratory	0- 0- 3	2
	Or						
BE7104	Chemistry Laboratory			BE7103	Physics Laboratory		
BE7105	Basic Electronics Laboratory	0- 0- 3	2	BE7106	Basic Electrical Engg. Lab	0- 0- 3	2
	Or						
BE7106	Basic Electrical Engg. Lab			BE7105	Basic Electronics Laboratory		
BE7107	'C' Programming Laboratory	0- 0- 3	2	HM7102	Business Communicative Lab.	0- 0- 3	2
HM7101	Communicative English Lab.	0- 0- 3	2	BE7108	Data Structure using 'C' Lab	0- 0- 3	2
<b>Practical/Sessional Credits</b>			<b>10</b>	<b>Practical/ Sessional Credits</b>			<b>10</b>
<b>TOTAL SEMESTER CREDITS</b>			<b>28</b>	<b>TOTAL SEMESTER CREDITS</b>			<b>28</b>
<b>TOTAL CUMULATIVE CREDITS</b>			<b>28</b>	<b>TOTAL CUMULATIVE CREDITS</b>			<b>28</b>

## 16. HOSTEL FACILITIES

**BOYS HOSTELS** : 100 SEATED WITH CATERING FACILITIES  
**GIRLS HOSTELS** : 50 SEATED WITH CATERING FACILITIES  
**MEDICAL FACILITIES IN HOSTEL** : AVAILABLE NEAR THE HOSTEL

## 17. ACADEMIC SESSIONS

ODD SEMESTER FROM JULY –DECEMBER  
 EVEN SEMESTER FROM JAN UARY –JUNE

❖ Academic Calendar of the University (As prescribed by BPUT)

### BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ORISSA ACADEMIC CALENDAR (2009-10) FOR B.TECH PROGRAMMES

(Odd Semester)

Sl. No.	Events	1st Semester	3rd Semester	5th Semester	7th Semester
01	Registration	27.08.2009 - 05.09.2009	27-31.07.2009	20-25.07.2008	16-18.07.2008
02	Classes Start	27.08.2009	27.07.2009	20.07.2009	16.07.2009
03	Class Test - I	12-16.10.2009	01-05.09.2009	24-29.08.2009	24-29.09.2009
04	Online Mark Entry (by the colleges)	26-31.10.2009	14-19.09.2009	07-12.09.2009	07-12.09.2009
05	Class Test - II	09-14.11.2009	12-16.10.2009	19-24.09.2009	19-24.09.2009
06	Online Mark Entry (by the Colleges)	23-27.11.2009	26-31.10.2009	21-26.09.2009	21-26.09.2009
07	Class Test -III	07-12.12.2009	23-27.11.2009	02-07.11.2009	02-07.11.2009
08	Online Mark Entry (by the Colleges)	21-26.12.2009	07-12.12.2009	16-21.11.2009	16-21.11.2009
09	End Semester Examination	21.12.2009 - 31.12.2009	14.12.2009 - 31.12.2009	20.11.2009 - 09.12.2009	20.11.2009 - 09.12.2009
10	Winter Break	01.01.2010 - 06.01.2010	01.01.2010 - 06.01.2010	10.12.2009 - 16.12.2009	10.12.2009 - 16.12.2009

(Even Semester)

Sl. No.	Events	2nd Semester	4th Semester	6th Semester	8th Semester
01	Registration	07-13.01.2010	07-09.01.2010	17-24.12.2009	17-19.12.2009
02	Classes Start	07.01.2010	07.01.2010	17.12.2009	17.12.2009
03	Class Test - I	08-13.02.2010	08-13.02.2010	18-23.01.2010	18-23.01.2010
04	Online Mark Entry (by the colleges)	22-27.02.2010	22-27.02.2010	01-06.02.2010	01-06.02.2010
05	Class Test - II	15-20.03.2010	15-20.03.2010	22-27.02.2010	22-27.02.2010
06	Online Mark Entry (by the Colleges)	29.03.2010-03.04.2010	29.03.2010-03.04.2010	08-13.03.2010	08-13.03.2010
07	Class Test -III	19-24.04.2010	19-24.04.2010<	29.03.2010-05.04.2010	29.03.2010-05.04.2010
08	Online Mark Entry (by the Colleges)	03-08.05.2010	03-08.05.2010	14-19.04.2010	14-19.04.2010

	the Colleges)				
<b>09</b>	<b>End Semester Examination</b>	04.05.2010 - 20.05.2010	04.05.2010 - 20.05.2010	12.04.2010 - 30.04.2010	12.04.2010 - 30.04.2010
<b>10</b>	<b>Summer Vacation</b>	22.05.2010 - 10.07.2010	22.05.2010 - 10.07.2010	22.05.2010 - 10.07.2010	

➤ Academic Time Table

**SHIBANI INSTITUTE OF TECHNICAL EDUCATION**  
**TIME TABLE FOR 1<sup>st</sup> SEMESTER-2009**  
TIME TABLE FOR 1ST SEMESTER, B.TECH 2009 W.E.F 03.09.2009

Day	Section	R.N.	10.00-10.50	10.50-11.40	11.40-12.30	12:30 - 1:20	1:20 - 2:10	2:10 - 3:00	3:00 - 3:50	3:50 - 4:40
<b>MON</b>	CSE	101	P in C (BB)	PHY (MRB)	MATH (SRP)	CE (JPP)	<b>BREAK</b>	PHY LAB- GR1 / BE LAB - GR2		
	EEE	102	MATH (SRP)	CHEM(BRD)	CE (RSP)	BEE(PCD)	<b>BREAK</b>	CE LAB - GR1 / ED - GR2		
	ENTC	201	TD (PP)	P in C (PCP)	BE (CNS)	<b>BREAK</b>	MATH (NM)	P in C LAB - GR1		
	MECH	202	CHEM LAB - GR1 / BEE LAB - GR2(RKP & BRD)			<b>BREAK</b>	P in C (PCP)	CHEM(RKP)	BEE(MBD)	MECH (PPP)
<b>TUE</b>	CSE	101	PHY (MRB)	TD (PP)	BE (CNS)	P in C (BB)	<b>BREAK</b>	CE LAB - GR1 / WSP - GR2		
	EEE	102	ED LAB - GR1 / P in C - GR2			<b>BREAK</b>	CHEM(BRD)	P in C (BB)	MATH (SRP)	MECH (PPP)
	ENTC	201	MATH (NM)	P in C (PCP)	PHY (MDS)	<b>BREAK</b>	TD (PP)	TUTORIAL - GR1	INTERNET - GR1	LIBRARY - GR1
	MECH	202	BEE(MBD)	CE (JPP)	P in C (PCP)	MATH (NM)	<b>BREAK</b>	BEE LAB- GR1 / CHEM LAB - GR2(RKP & BRD)		
<b>WED</b>	CSE	101	TD (PP)	MATH (SRP)	P in C (BB)	CE (JPP)	<b>BREAK</b>	P in C LAB - GR1		
	EEE	102	P in C (BB)	MECH (PPP)	BEE(PCD)	MATH (SRP)	<b>BREAK</b>	CHEM LAB- GR1 / BEE LAB - GR2(RKP & BRD)		
	ENTC	201	WSP LAB - GR1 / CE LAB - GR2			<b>BREAK</b>	MATH (NM)	CE(RSP)	PHY (MDS)	BE (CNS)
	MECH	202	MATH (NM)	CHEM(BRD)	MECH (PPP)	<b>BREAK</b>	BEE(MBD)	CE LAB - GR1 / ED - GR2		
<b>THU</b>	CSE	101	BE LAB- GR1 / PHY LAB - GR2			<b>BREAK</b>	TD (PP)	PHY(MRB)	MATH (SRP)	BE (CNS)
	EEE	102	MATH (SRP)	CHEM(RKP)	P in C (BB)	CE (RSP)	<b>BREAK</b>	INTERNET - GR1	TUTORIAL - GR1	LIBRARY - GR1
	ENTC	201	CE LAB - GR1 / WSP - GR2			<b>BREAK</b>	P in C (PCP)	BE (CNS)	TD (PP)	CE(RSP)
	MECH	202	CHEM(BRD)	P in C (PCP)	MATH (NM)	BEE(MBD)	<b>BREAK</b>	P in C LAB - GR1		
<b>FRI</b>	CSE	101	WSP - GR1 / P in C - GR2			<b>BREAK</b>	BE (CNS)	MATH (SRP)	CE (JPP)	TD (PP)
	EEE	102	MATH (SRP)	BEE(PCD)	MECH (PPP)	<b>BREAK</b>	P in C (BB)	BEE LAB- GR1 / CHEM LAB - GR2(BRD & RKP)		
	ENTC	201	PHY (MDS)	MATH (NM)	P in C (PCP)	CE(RSP)	<b>BREAK</b>	BE LAB- GR1 / PHY LAB - GR2		
	MECH	202	MECH (PPP)	P in C (PCP)	CE (JPP)	MATH (NM)	<b>BREAK</b>	TUTORIAL - GR1	INTERNET - GR1	LIBRARY - GR1
<b>SAT</b>	CSE	101	PHY (MRB)	MATH (SRP)	P in C (BB)	BE (CNS)	<b>BREAK</b>	TUTORIAL - GR1	LIBRARY - GR1	INTERNET - GR1
	EEE	102	MECH (PPP)	BEE(PCD)	CHEM(BRD)	CE (RSP)	<b>BREAK</b>	CE LAB - GR2		
	ENTC	201	BE (CNS)	TD (PP)	MATH (NM)	<b>BREAK</b>	PHY (MDS)	P in C LAB - GR1		
	MECH	202	MECH (PPP)	P in C (PCP)	CE (JPP)	MATH (NM)	<b>BREAK</b>	INTERNET - GR2	TUTORIAL - GR2	LIBRARY - GR2
								PHY LAB- GR1 / BE LAB - GR2		

	MECH	202	ED LAB- GR1 / CE LAB - GR2	BREAK	MATH (NM)	MECH (PPP)	CHEM(BRD)	CE (JPP)
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PCP- Prakash Ch. Patra

PCD- Pramod Ch. Dahs

CS- Chakanayan Sahu

RKP- Ramakrushna P

NM- Niranjan Mishra  
SRP- Smruti Ranjan Parida

BB- Bibhuti Behera

MBD- Madhuchanda Bhanja Deo

PP- Premananda Pradhan

BRB- Bijnyan Ranjan Das

**TIME TABLE I/C**

MRB- Manas Ranjan Biswal

PPP- Prajaa P. Patnaik

JPP- Jayaprakash Paramguru

MDS- Muralidhar Swain

RSP- Rasjhkehkar Pankaj

**PRINCIPAL**

## SHIBANI INSTITUTE OF TECHNICAL EDUCATION

TIME TABLE FOR 2nd SEMESTER, B.TECH 2009 - 2010

Day	Sec	R.N.	9.00-10.10	10.10-11.20	11.20-12.30	12.30-01.05	01:05 - 1:40	1:40 - 2:15	2:15 - 3:05	3:05 - 3:55	3:55 - 4:45
MON	A1	101	Math-II	DS	BEE	ENG		LUNCH	BEE LAB GR1		
	A2	202	DS	BEE	MATH - II	CHEM		LUNCH	DS LAB		
	B	201	BE	PHY	DS	LUNCH	MATH - II		PHY LAB		
TUE	A1	101	TD	CHEM	DS	BEE		LUNCH	TUTORIAL	LIB/INTERNET	PROCTO
	A2	202	BEE	TD	CHEM	MATH - II		LUNCH	CHEM LAB		
	B	201	Math-II	DS	MECH	LUNCH	ENG		DS LAB		
WED	A1	101	MATH-II	CHEM	TD	LUNCH	ENG		CE LAB		
	A2	202	ENG	DS	MATH - II	LUNCH	TD		ED		
	B	201	PHY	MECH	BE	MATH - II		LUNCH	TUTORIAL	LIB/INTERNET	PROCTO
THU	A1	101	DS	BEE	MATH - II	LUNCH	CHEM		DS LAB		
	A2	202	Math-II	CHEM	DS	LUNCH	ENG		CE LAB		
	B	201	BE	DS	PHY	MATH - II		LUNCH	BE LAB GR1		
FRI	A1	101	Math-II	DS	TD	ENG		LUNCH	ED		
	A2	202	BEE	TD	DS	MATH - II		LUNCH	TUTORIAL	LIB/INTERNET	PROCTO
	B	201	DS	MECH	BE	LUNCH	ENG		CE LAB		
SAT	A1	101	BEE	TD	CHEM	LUNCH	MATH - II		CHEM LAB		
	A2	202	CHEM	ENG	TD	LUNCH	BEE		BEE LAB GR1		
	B	201	MECH	MATH-II	ENG	PHY		LUNCH	WORK SHOP		

Time Table I/C

PRINCIPAL

Sec A1	09ME001 - 09ME030	GR1 - 09ME001 - 09ME015	GR2 - 09ME016 - 09ME030
Sec A2	09ME031 - 09ME060	GR1 - 09ME031 - 09ME045	GR2 - 09ME045 - 09ME060
Sec B	09CS001, 09EE001 - 09EE015, 09ET001 - 09ET019	GR1 - 09CS001, 09EE001 - 09EE015	GR2 - 09ET001 - 09ET019

**Since it is a new institution First year classes are scheduled to start from 3<sup>rd</sup> September, 2009.**

❖ Teaching Load of each Faculty

8 hours for Professors

12 hours for Associate Professors

❖ Internal Continuous Evaluation System and place

Through Class Tests conducted by the concerned faculty members and Internal Assessment Tests conducted by college thrice in a Semester.

❖ Students' assessment of Faculty, System in place.

Through Feedback System

❖ EXAM SYSTEM - 2 SEMESTERS IN A YEAR

❖ DECLARATION OF RESULTS- BY THE AFFILITING UNIVERSITY BPUT AFTER END OF EXAMS OF EACH SEMESTER

### 18. COUNSELING / MENTORING / PROCTORIAL SYSTEM

- ❖ **CAREER COUNSELING** - Career counseling is done by the teacher through an effective proctorial system . proctorial groups of students of 16 -20 are assigned to teachers to take care of academic , extra-academic and living conditions of students in the campus & hostels respectively. Weekly meetings of Proctors with respective students helps the latter in academic deficiencies , as also gets feedback from students .
- ❖ **MEDICAL FACILITIES** – general medical facilities are available near the campus and boys/girls hostels . Specialized medical treatment are also available in the City(Bhubaneswar ) .
- ❖ **STUDENTS INSURANCE** - Health insurance for the students is provided for by the Institute .

### 19 STUDENT ACTIVITY BODY

- ❖ **Student group activities** in such matters as cultural, sports, literary, group discussion, and multifarious interactions take place in which teaching, supporting & administrative staff participate & guide students. For example, in the first week of February 2<sup>nd</sup> to 14<sup>th</sup> 2010 these functions were held. As the institution is new one association are set up as and when required.
- ❖ **Sports Activities:-**These are looked after by two faculty members and a group of students. Outdoor indoor sports gymnastics and athletics compitions are held and prizes are distributions.
- ❖ **Cultural Activities:-**Such activities covering drama, mono action play, oneact plays, mimes, dance (solo and group), song, music competition are aspects of fine arts , for which students are encouraged by teachers and institute.
- ❖ **Literary Activities:-** Writing of short stories, drama, novels ,poems ,are displayed by students of the institute under the guidance of faculty members.
- ❖ **Magazine /Newsletter:-**This is being planed.



- ❖ Technical Activities/Tech fest – these are planned
- ❖ Industrial tours /visits -these are planned
- ❖ Alumni Activities – these are planned

**20. NAME OF THE INFORMATION OFFICER FOR RTI –**

- ❖ Name Mr. Narayan Rath
- ❖ Designation Advisor, Finance & Accounts
- ❖ Phone No (0674) 2467527 (M) 09238433866
- ❖ E-Mail narayanbbsrodisha@ yahoo.in
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