

**MANDATORY DISCLOSURE**  
**JIS COLLEGE OF ENGINEERING**  
**B.Tech & M.Tech Courses**

**I. NAME OF THE INSTITUTION**

JIS COLLEGE OF ENGINEERING  
BLOCK – A, PHASE – III,  
KALYANI, WEST BENGAL  
PIN – 741235.

TEL NO. +91 33 25822138, 25808640, FAX – 25808560, 25822138  
E-MAIL : tnp@jisgroup.org WEBSITE : www.jisgroup.org

**II. NAME & ADDRESS OF THE PRINCIPAL**

DR. MANABENDRA BASU  
JIS COLLEGE OF ENGINEERING,  
BLOCK A, PHASE – III, KALYANI,  
DIST NADIA, WEST BENGAL,  
PIN – 741235

TEL NO. 91 33 25822138, FAX – 25822138 E-MAIL: principal@jiscollege.ac.in

**III. NAME OF THE AFFILIATING UNIVERSITY**

WEST BENGAL UNIVERSITY OF TECHNOLOGY

**IV. GOVERNANCE**

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

1	Dr. S. M. Chatterjee , Ex-Vice-Chancellor, BE College (DU), Shibpur, Howrah	Chairman
2	Sardar Jodh Singh, Chairman, JIS Foundation.	Member
3	Dr. S. Dasgupta, Director of Technical Education, Govt. of West Bengal	Member
4	Mr. R. N. Lahiri, Principal Consultant, Tata Consultancy Service	Member, University Nominee
5	The Regional Officer, AICTE, Eastern Region, Kolkata	Ex-Officio Member
6	Dr. A. K. Mukhopadhyay, Vice- Chancellor, Tripura University.	Member nominated by the Trust
7	Mr. R. J. S. Nalwa, I.P.S	Member nominated by the Trust
8	Mr. Taranjit Singh, Managing Trustee, JIS Foundation	Member
9	Mr. Haranjit Singh, Secretary, JIS Foundation	Member
10	Mr. Amrik Singh, Trustee, JIS Foundation	Member
11	Prof. A. Guha, Director, JIS College of Engineering	Member – Secretary

## Members of Academic Advisory Body

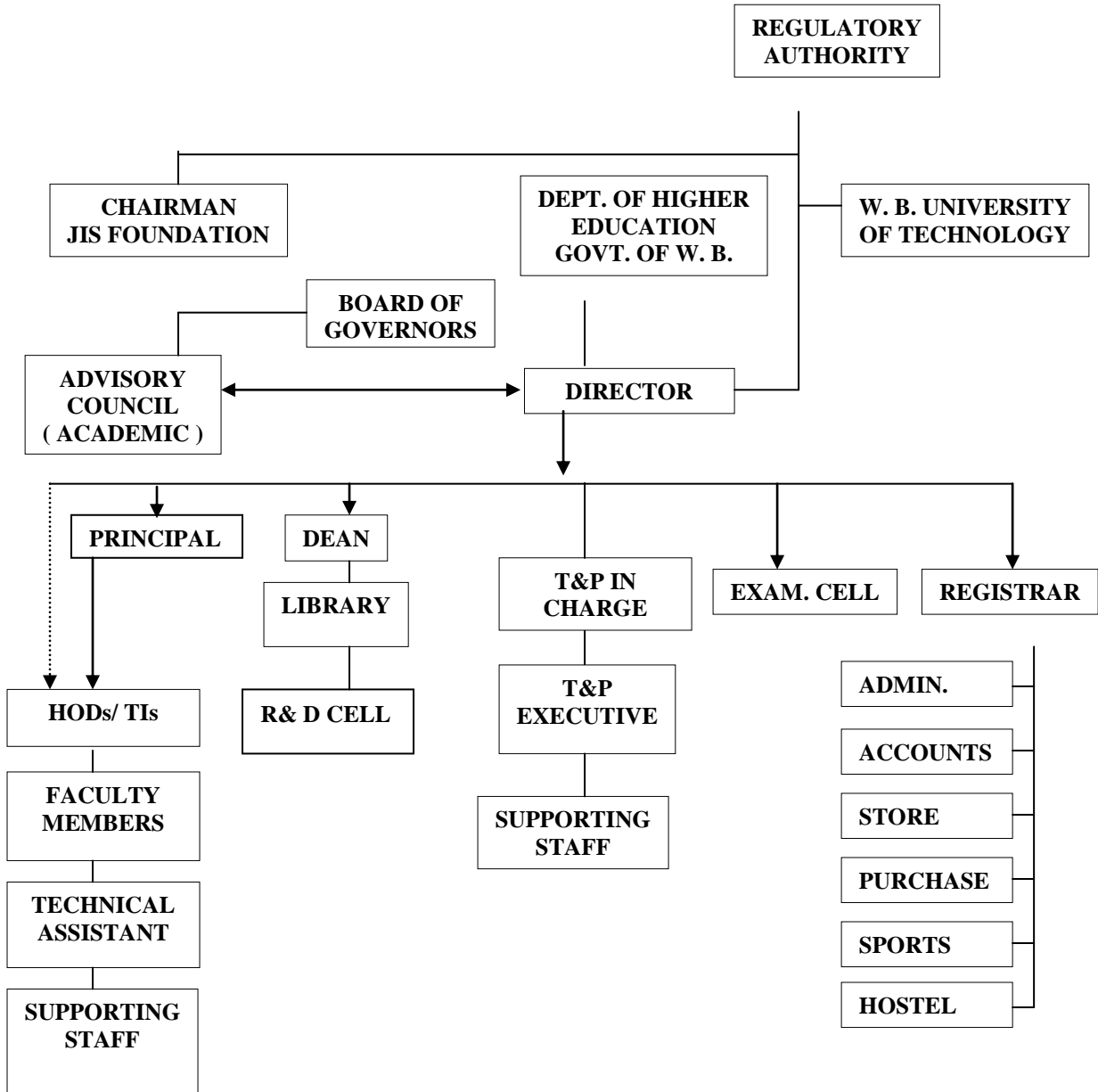
Sl.	Name	Background
1	Mr. S K Dadlani	CEO, Adani Groups
2	Mr. Alok Mukherjee	Former Chairman, Flakt India, Chairman, Ernst & Young , Advisor, ABB India Ltd.
3	Mr. Debasis Ghosh	Northern Head, Tata Consultancy Services
4	Mr. V.Chandrashekhar	Head – Strategy and Corporate Centre, L&T Infotech Ltd., Mumbai
5	Mr. S. S Oberoi	Former Advisor - (IT) Govt. of India, Former Advisor , Tata Consultancy Services Ltd..
6	Prof. Deepak Bagchi	Vice – Chancellor, Bidhan Chandra Krishi Viswa Vidyalaya, Kalyani, West Bengal
7	Prof. Amit Mullick	Vice Chancellor, Burdwan University, West Bengal
8	Prof. Arabinda Kr. Das	VC, Kalyani University, Kalyani, West Bengal
9	Dr. K. K. Chowdhury	Director, Army Institute of Management
10	Dr. Subir Bhattacharjee	Professor, IIM – Calcutta
11	Mr. T. B. Chatterjee	Sr. Vice President, Coats India Ltd.
12	Mr. S. Vaidyanathan	General Manager, Bank of Baroda
13	Dr. Shyamal Kr. Basu	Managing Director, Peerless Hospital & B. K. Roy Research Centre
14	Dr. Dilip Kr Basu	HOD, Applied Physics, Calcutta University Ex VC Tripura & Burdwan University

### ❖ Frequency of the Board Meetings and Academic Advisory Body

- Board of Governors (BOG) meetings are held about 3 – 4 times in a year while Advisory Committee meetings are planned to be held at least once in a year.

# JIS COLLEGE OF ENGINEERING

## ORGANOGRAM



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

- **Faculty Advisor Programme** : All the students are under the advice and guidance of a particular faculty member of the institute. 10 to 12 students per faculty member are allotted under the guidance of a particular faculty member. Academic and personal problems of the students are addressed and necessary follow up actions for solving them are taken up by the concerned faculty member.
- **Seminars** : National seminars on important trust areas are conducted by various departments frequently.
- **Student Development Programmes** : are conducted to assist them for better performance in the selection committee for getting jobs after completion of their academic programme in the college.
- Apart from the above few committees are existing like Sports & Cultural Committee, Library Committee, and Placement Committee etc. to improve the academic affairs.

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

- All HOD'S are the overall in charges of the students and their staff members are concerned.
- The academic and administrative discussions of the departments are taken in a faculty meeting of the departments concerned.
- The College authority takes decisions or steps as regards to the appointments of the staff members, academic schedule and other matters on the basis of the feed back received from the HOD'S as far as possible / practicable.
- Various student committees are formed and functioning at the moment. All the student activities are routed through various committees for finally accepting by the management for their executions.
- Along with members of Board of Governors, one representative each from Teaching, Non-teaching and Guardian are being incorporated in the governing body.

❖ **Student Feedback on Institutional Governance/faculty performance**

- Mechanism exists for obtaining feedback on Institutional Governance / faculty performance.
- Periodic Students feedback on faculty performance is obtained in the prescribed format. Faculty appraisal is done once in a year.

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

- We are having the Grievance Redressal Cell consisting of five members – One retired district judge, one member from State Women Association, One member from the board of governors and two faculty members.
- There are three boxes in the Institute for obtaining the grievances application from Students, Faculty and Staff.
- Meeting of the Grievance Redressal Cell held once in a month and recommendation send to the Board of Governors subsequently.

**V. PROGRAMMES**

❖ Name of the Programmes approved by the AICTE

<b>4 years B. Tech ( 8 Semesters ) Degree Course :</b>			
S1	Name	No. of seats	Duration
01	ECE	120	4 yrs.
02	CSE	120	4 yrs.
03	IT	90	4 yrs.
04	EE	90	4 yrs.
05	EIE	90	4 yrs.
06	BME	60	4 yrs.
07	Mechanical	60	4 yrs.
<b>2 years M.TECH course :</b>			
01	Mobile Communication	18	2 yrs.
02	Electrical Device & Power System	18	2 yrs
03	Computer Science & Engineering	18	2 yrs
04	Software Engineering	18	2 yrs
05	Applied Electronics & Instrumentation Engg.	18	2 yrs
06	Bio-Medical Instrumentation Engg	18	2 yrs

❖ Name of the Programmes accredited by the AICTE :

- **Electronics & Communication Engineering**
- **Computer Science & Engineering**
- **Electrical Engineering**
- **Information Technology**
- **Electronics & Instrumentation Engineering**

♣ **B.TECH FEE STRUCTURE**

<b>CATEGORY</b>	<b>Being charged by the Institution</b>
Admission Fee	Rs. 5,000/-
Tuition Fee	Rs. 41,000/- p.a

University fee (Examination fee, Registration fee etc.)	Rs. 300/- (Registration Fee) Rs. 500/- per year (University Development Fund) Rs. 800/- per Sem (Examination Fee)
Hostel fee (Rent etc.)	Rs. 2,750/- p.m. (including boarding & lodging)
Any other	Rs. 5,000/- (General Caution Money - Refundable) Rs. 1000/- Library fee per sem

### **M. Tech**

<b>CATEGORY</b>	<b>Being charged by the Institution</b>
Admission Fee	Rs. 10,000/-
Tuition Fee	Rs. 40,000/- p.s.
University fee (Examination fee, Registration fee etc.)	Rs. 300/- (Registration Fee) Rs. 500/- per year (University Development Fund) Rs. 800/- per Sem (Examination Fee)
Hostel fee (Rent etc.)	Rs. 2,750/- p.m. (including boarding & lodging)
Any other	Rs. 5,000/- (General Caution Money - Refundable)

### **♣ Placement Facilities**

The Training & Placement Cell conducts the Students Development Programme along with other training programme on specific areas in consultation with the faculty members and the experts from the industries.

The T&P Cell also initiate and conduct the Campus interview by different companies round the year. As a result many of our passed out students are employed in the blue chip companies like Cognizant Technology, Wipro Technologies, Infosys, Tech Mahindra, TCS, IBM, Toshiba, Syntel, TCE, Skytech, Orissa Cement Ltd., DCPL, Susken, Caritor, Satyam etc.

### **♣ Campus placement in last three years with minimum salary, maximum salary and average salary**

Students from last three years pass out batches ( 2005, 2006, and 2007 ) had participated in the recruitment process in the following companies : -

ACCEL ICIM	L & T LIMITED
ACCENTURE	LINEX INFORMATION PVT.LTD.
AZTECHSOFT	METLIFE INSURANCE
BALISHTHA ETECH	MINDTREES
CAREER LAUNCHER	NIIT
CARITOR	ORRISA CEMENT LTD.
CATALYST BUSINESS	PEACON INFOTECH
CENTUARY FIBRE PLATES PVT. LTD	PEERLESS HOSPITAL
CITY INFO	PEPSICO
COCA COLA	POWER SERVICES
COGNIZANT TECHNOLOGY	RELIANCE INFOCOM
DCPL	RELIANCE NIS SPARTA

DRISTI  
 DSL SOFTWARE  
 ENTERPRISE SYSTEM SOLUTIONS (P) LTD.  
 EPCOS FERRITES  
 HANSA RESEARCH  
 HASH TECHNOLOGY  
 HCL COMNET  
 HCL TECHNOLOGIES  
 HCL TECHNOLOGIES - BPO  
 SERVICES  
 I - PROCESS SERVICES (INDIA) PVT LTD.  
 I FLEX  
 IBM  
 ICICI PRUDENTIAL  
 INDIA BULLS  
 INFOSYS TECHNOLOGIES LTD.  
 KANBEY  
 KIRLOSKAR  
 KNOAH SOLUTION  
 KOBRA SOLUTIONS  
 KPIT CUMMINS  
 L & T INFOTECH LTD.

RP INFOSYSTEMS PVT.LTD.  
 SASKEN  
 SATYAM  
 SIEMENS  
 SLASH SUPPORT  
 SOFTWAY CONSULTANCY  
 SOUHAR SOFTECH  
 SUBEX AZURE  
 SYNTEL INC.  
 TATA CHEMICALS LIMITED  
 TATA CONSULTING ENGINEERS LTD.  
 TCS  
 TECH MAHINDRA  
 TOSHIBA  
 US TECHNOLOGY  
 VIDEOCON  
 WIPRO INFOTECH  
 WIPRO SPECTRAMIND  
 WIPRO TECHNOLOGIES  
 ZENSAR TECHNOLOGIES  
 ZTE.

Average Salary range :

	Year : 2006	Year : 2007	Year : 2008
Minimum Salary	1.5 lac/a	1.8 lac/a	2.0 lac/a
Maximum Salary	2.5 lac/a	3.3 lac/a	3.9 lac/a
Average Salary	2.0 lac/a	2.6 lac/a	2.95 lac/a

- ❖ Name and duration of programme(s) having affiliation/collaboration with Foreign University(s)/Institution(s) and being run in the same Campus along with status of their AICTE approval. If there is foreign collaboration, give the following details:

**Nil**

Details of the Foreign Institution/University: **N/A**

- ❖ For each Collaborative/affiliated Programme give the following: N/A
- ❖ Whether the Collaborative Programme is approved by AICTE? If not whether the Domestic/Foreign Institution has applied to AICTE for approval as required under notification no. 37-3/Legal/2005 dated 16<sup>th</sup> May, 2005

N/A

## **VI. FACULTY**

- ❖ Branch wise list faculty members:

• **Permanent Faculty**

NAME OF THE FACULTY	Designation	PG Degree	Highest Degree	Other Qualification
<b>EIE</b>				
Dr. SANTOSH KR. CHOWDHURY	Professor	M.TECH	Post Graduate	PH.D
Dr.ARUN GHOSH	Professor		Post Graduate	PH.D
Mr. NILOTPAL MANNA	Asst Professor	M.TECH	Post Graduate	
Mr. BIVAS ROY	Lecturer	M.TECH	Post Graduate	
Mrs. RIMI GHOSH	Lecturer	M.TECH	Post Graduate	
Mr. DEVMALYA BANERJEE	Lecturer	M.TECH	Post Graduate	
Miss. MADHURA CHAKRABORTY	Lecturer	M.TECH	Post Graduate	
Miss.NABANITA DASGUPTA	Lecturer	M.TECH	Post Graduate	
MR. SOUMEN GHOSH	Lecturer	M.TECH	Post Graduate	
MR. TAPAN RANA	Asst Professor	M.TECH	Post Graduate	
MR. DEBOTTAM DAS	Lecturer	M.TECH	Post Graduate	
MRS. BIDISHA SARKAR	Lecturer	M.TECH	Post Graduate	
<b>BME</b>				
DR. HARADAS BANERJEE	Professor		Post Graduate	PH.D
DR. MEGHAMALA DUTTA	Asst Professor	M.SC	Post Graduate	PH.D
DR. SANDIP BAG	Lecturer (Sel Gr)	ME	Post Graduate	PH.D
MRS. KARABI GANGULY	Lecturer (Sel Gr)	M.SC	Post Graduate	
MR. SOUVIK DAS	Lecturer	ME	Post Graduate	
MR. ARINDAM BIT	Lecturer	ME	Post Graduate	
MS. HOWA BEGAM	Lecturer	M.TECH	Post Graduate	
MR. RUPANKAR MUKHERJEE	Professor		Graduate	
MS. JAYEE DUTTA	Lecturer	M.E	Post Graduate	
<b>CSE</b>				
DR. SUBHAS HATI	Professor	M.Tech	Post Graduate	PH.D
DR. DEBABRATA GHOSHDASTIDAR	Head of Dept	M.TECH	Post Graduate	PH.D
DR. SANTOSH KUNDU	Professor	M.SC	Post Graduate	PH.D
MRS. PRANATI RAKSHIT	Asst Professor	MS	Post Graduate	
MR. SATRUGHNA SINGHA	Asst Professor	M.TECH	Post Graduate	
MR. AMRUT RANJAN JENA	Lecturer	M.TECH	Post Graduate	
MR. DHARPAL SINGH	Lecturer	M.TECH	Post Graduate	
MRS. IRA NATH	Lecturer	M.TECH	Post Graduate	
MR. BAPPA SARKAR	Lecturer	M.TECH	Post Graduate	
MR. SUDARSHAN NANDY	Lecturer	M.TECH	Post Graduate	
MRS. SONALI BHATTACHARYYA	Lecturer	M.TECH	Post Graduate	
MR. KISHORE GHOSH	Lecturer	M.TECH	Post Graduate	
MR. ABHIJITSHARMA	Lecturer	M.TECH	Post Graduate	
MR. APURBA PAL	Lecturer	M.TECH	Post Graduate	
MR. JOYDEEP SARKAR	Lecturer	M.TECH	Post Graduate	
MS. ANANDAPROVA GHOSHAL	Lecturer	M.TECH	Post Graduate	
MR. ANUPAM MONDAL	Lecturer	M.TECH	Post Graduate	
<b>EE</b>				
DR. RAVINDRANATH MUKHERJEE	Professor			PH.D
MRS. SUPARNA PAL	Asst Professor	M.TECH	Post Graduate	
MR. SNEHASISH PAL	Asst Professor	M.E	Post Graduate	
MS. LUSIKA ROY	Lecturer	M.E	Post Graduate	
MS. SOMA BISWAS	Asst Professor	M.E	Post Graduate	

MR. RAKESH NASKAR	Lecturer	M.TECH	Post Graduate	
DR. SUBRATA MITRA	Professor	M.TECH	Post Graduate	PH.D
MR. PAPUNBISWAS	Lecturer (Sel Gr)	M.TECH	Post Graduate	
MR. AJOY CHANDA	Asst Professor	M.E	Post Graduate	
MR. BAREN PAL	Asst Professor	M.TECH	Post Graduate	
MR. PARTHA ROY	Lecturer	M.TECH	Post Graduate	
MR. RAJAT BHATTACHARYA	Lecturer	M.TECH	Post Graduate	
<b>ECE</b>				
DR. DEBESH CHOUDHURY	Professor	M.SC(TECH)	Post Graduate	PH.D
DR. AMIT DUTTA	Asst Professor	M.TECH	Post Graduate	PH.D
MR. GAUTAM LOHAR	Asst Professor	M.TECH	Post Graduate	
MR. INDRANATH SARKAR	Asst Professor	ME	Post Graduate	
MRS. RANJANA RAY	Lecturer (Sel Gr)	M.TECH	Post Graduate	
MR. BIKASH DEY	Lecturer	M.TECH	Post Graduate	
MR. ANIRBAN PATRA	Lecturer	M.TECH	Post Graduate	
MS. ISHITA BANERJEE	Lecturer	M.TECH	Post Graduate	
MS. SUDESHNA SIL	Lecturer	M.TECH	Post Graduate	
MD.MUDASSIR HAQUE	Lecturer	M.TECH	Post Graduate	
MR. NILOTPAL HALDER	Lecturer	M.TECH	Post Graduate	
MR. ARINDAM BANERJEE	Lecturer	M.TECH	Post Graduate	
MRS. SWASTIKA CHAKRABORTY	Asst Professor	M.TECH	Post Graduate	
MR. PRABIR KUMAR SAHA	Lecturer	M.TECH	Post Graduate	
<b>BSH</b>				
DR. HIRONMAY DASGUPTA	PROFESSOR	M.SC	Post Graduate	PH.D
MR. SHANTANU MANDAL	Lecturer	M.SC	Post Graduate	
MR. RUPAK BHATTACHARYA	Lecturer	M.SC	Post Graduate	
MR. DEBASHISMAJUMDER	Lecturer	M.SC	Post Graduate	
MRS. SRABONI GURIA	Lecturer	M.SC	Post Graduate	
MR. SANJAY NANDY	Lecturer	M.SC	Post Graduate	
MR. SUBRATA PALCHWDHURY	Lecturer	M.SC	Post Graduate	
DR. SABYASACHI SEN	Asst. Prof	M.SC	Post Graduate	PH.D
DR. SUBARNA DAS(MITRA)	Lecturer	M.SC	Post Graduate	PH.D
DR. SUBHAMOY SINGHA ROY	Lecturer (Sel Gr)	M.SC	Post Graduate	PH.D
MR. ARKA MOULIK	Lecturer	M.SC	Post Graduate	M.PHILL
MR. RAM CHANDRA MONDAL	Lecturer	M.SC	Post Graduate	
MR. SWAPAN DAS	Lecturer	M.SC	Post Graduate	
DR. VIKRAM BHAGAT	Lecturer	M.SC	Post Graduate	PH.D
MR. PRASANTA BARDHAN	Asst Professor	M.E	Post Graduate	
DR. K.K. BARDHAN	PROFESSOR			PH.D
MR. DIBYENDU BARAI	Lecturer	ME	Post Graduate	
MR. CHINMOY SARKAR	Lecturer	ME	Post Graduate	
MR. BIKASH JOADDER	Lecturer	ME	Post Graduate	
MR. ANINDYA GUHA	Asst Professor	M.COM	Post Graduate	MBA
MR. SHUBHAIYU CHAKRABORTY	Lecturer	M.A	Post Graduate	M.PHILL
MRS. JAJNASENI ROY	Lecturer	M.A	Post Graduate	
DR. MAHUYA BANDYAPADHYAY	Lecturer	M.TECH	Post Graduate	PH.D
DR. MAHUYA DAS	Lecturer	M.TECH	Post Graduate	PH.D
MRS. TRINA DUTTA	Lecturer	M.E	Post Graduate	
DR. AMBARISH SANYAL	LECTURER	M.Sc	Post Graduate	PH.D
DR. ASIM RANJAN DAS	Head of Dept	M.TECH	Post Graduate	PH.D
DR. ASIT GUHA	Professor	M.SC	Post Graduate	PH.D
MS. ANANYA BARMAN	Lecturer	M.SC	Post Graduate	

DR. NOTON BANERJEE	Lecturer	M.SC	Post Graduate	PH.D
<b>IT</b>				
DR. MOHITKR. ROY	Professor	M.TECH	Post Graduate	PH.D
MR. SOMSUBHRA GUPTA	Asst Professor	M.SC	Post Graduate	
MR. SOHAM SENGUPTA	Asst Professor	M.TECH	Post Graduate	
MR. TANMAY BHATTACHARYA	Lecturer (Sel Gr)	M.TECH	Post Graduate	
MR. DEBASHIS SANKI	Lecturer	M.TECH	Post Graduate	
MR. SOUMYABRATA SAHA	Lecturer	M.TECH	Post Graduate	
MRS. MADHUSMITA MISHRA	Lecturer	M.TECH	Post Graduate	
MR. TANMAY RAY	Lecturer	M.TECH	Post Graduate	
MR. SANJOYROY	Lecturer	M.TECH	Post Graduate	
MS. DEBASREE MITRA	Lecturer	M.TECH	Post Graduate	
MR. SUMIT DAS	Lecturer	M.TECH	Post Graduate	
MRS. RUPASHRI BARIK	Lecturer	M.TECH	Post Graduate	
MS. SUPARNA DASGUPTA	Lecturer	M.TECH	Post Graduate	
MRS.MOUSUMI SAHA	Lecturer	M.TECH	Post Graduate	
MR. KAUSTAV DUTTA	Lecturer	M.TECH	Post Graduate	
MR. ANNWESHA BANERJEE	Lecturer	M.TECH	Post Graduate	
MS. SOUME SANYAL	Lecturer	M.TECH	Post Graduate	

- **Visiting Faculty**

Name	Stream
Prof. A Chowdhury	CSE
Dr. A Das	ECE
Mr. P S Paul	CSE
Dr. T K Dey	ECE
Mr. A K Mitra	AEIE
Dr. Asim Kar	ECE

- Permanent Faculty: Student Ratio : 1 : 14.05

- ❖ Number of faculty employed and left during the last three years:

Number of Faculty employed during last three years : 41

Number of Faculty left during last three year : 21

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

1. **Name :** Dr. Manabendra Basu
2. **Date of Birth :** 5<sup>th</sup> October, 1949
3. **Educational Qualification :**



1. B.Sc (Hons) in Chemistry from Calcutta University in 1967
2. B.Tech (Chemical Engineering & Chemical Technology) from Calcutta University in 1969.

3. M.Tech (Chemical Engineering & Chemical Technology) from Calcutta University in 1970.
4. Ph.D (Tech) in Chemical Technology from Calcutta University in 1986.
5. M.I.I.E from Indian Institution of Industrial Engineering, Bombay in 1986.
6. Awarded Life Fellowship of Institute of Chemists (India) in 1984.
7. Awarded Chartered Chemist from Institute of Chemists (India) in 1999

#### 4. Work Experience

##### I. 36 years of Industrial Experience.

- i) 1971-1983 : Technical Executive, Quality Control and Research Development Div., *Dey's Medical Stores Manufacturing Ltd.*
- ii) 1984-1995 : Assistant Manager, Quality Assurance, Drugs & Pharmaceuticals Div., *Dey's Medical Stores Manufacturing Ltd.*
- iii) 1996-2005 : Manager, Quality Assurance, Drugs & Pharmaceuticals Div.,
- iv) 2005-2007 : Manager, Production, Quality Control and Quality Assurance, Consumer Product Division, *Dey's Medical Stores Manufacturing Ltd.*

II. 20 years of teaching experience in Calcutta University (Chemical Engineering & Chemical Technology), Indian Institution of Industrial Engineering (Calcutta) and also Institution of Chemists (India).

#### VIII. FEE

- ❖ Details of fee, as approved by State fee Committee, for the Institution.  
B.Tech Rs. 41,000/- Per Year (to be paid semester wise)
- ❖ Time schedule for payment of fee for the entire programme.  
1<sup>st</sup> to 15<sup>th</sup> in June and December of every year.
- ❖ No. of Fee waivers granted with amount and name of students.

#### List of Students for Full- Free Studentship

Sl	NAME	ID	Amount
1	NITESH SAHA	CSE/08/14	1,64,000/-
2.	SRIJA BASU	CSE/08/65	1,64,000/-
3.	BIMAL KUMAR JANA	CSE/08/83	1,64,000/-
4.	SUBHRADEB PAUL	ECE/08/58	1,64,000/-
5.	AMIT MAITI	ECE/08/63	1,64,000/-
6.	SUMIT NEOGI	ECE/08/72	1,64,000/-
7.	MA. SAMIM	EE/08/12	1,64,000/-
8.	SOMAN CHAKRABORTY	EE/08/26	1,64,000/-
9.	SAGAR BOSE	EE/08/43	1,64,000/-

10	KANAK MAJUMDER	EE/08/55	1,64,000/-
11	MUKESH KUMAR	EE/08/57	1,64,000/-
12	RANDHIR KUMAR CHOWBEY	EE/08/66	1,64,000/-
13	ARITRA SAHA	EE/08/71	1,64,000/-
14	BIKASH KUMAR DEY	EE/08/76	1,64,000/-
15	TAMASA DEY SARKAR	IT/08/44	1,64,000/-
16	SAGAR GHOSH	IT/08/48	1,64,000/-
17	SANJIB PALUI	IT/08/69	1,64,000/-

List of Students for Half-Free Studentship

Sl	NAME	ID	Amount
1	BITAN DAS	BME/07/18	82,000/-
2.	DASHARATH KUMAR	CSE/08/01	82,000/-
3.	SUBHABRATA CHAKRABORTY	CSE/08/19	82,000/-
4	RENUKA SHAW	CSE/08/71	82,000/-
5	ANKAN RANJAN SAIN	ECE/08/26	82,000/-
6	DEBASISH KARMAKAR	ECE/08/66	82,000/-
7	JAGATNARAYAN OJHA	ECE/08/76	82,000/-
8	SANJEEV KUMAR MISHRA	EE/08/04	82,000/-
9	SUBHADIP MITRA	EIE/08/14	82,000/-
10	TAPAS KUNDU	IT/08/05	82,000/-
11	ARUP GHOSH	IT/08/56	82,000/-

A student from Electrical Engineering was given 100% waivers i.e. Rs. 124800/- for her entire session considering the financial condition of her family and her merit. Subha Debnath and Patit Paban both the students are given opportunity to study B.Tech based on their merits and financial condition on free ship by the authority in the academic year 2006 – 2007. Application submitted for this year also for consideration.

- ❖ Number of scholarship offered by the institute, duration and amount

-

- ❖ Criteria for fee waivers/scholarship.

Academic Performance, Good Conduct and financial condition of their family.

- ❖ Estimated cost of Boarding and Lodging in Hostels.

Rs. 2750/- per month including all.

**Ix. ADMISSION**

- ❖ Number of seats sanctioned with the year of approval.
- ❖ Number of students admitted under various categories each year in the last three years.

**B.Tech**

Programme	Full/Part time/ Sandwich	Year of Starting	Intake for 2006 – 07		Intake for 2007 – 08		Intake for 2008 – 09	
			Sancti oned	Admit ted	Sancti oned	Admit ted	Sancti oned	Admit ted
CSE	Full	2000	90	90	90	90	120	120

ECE	Full	2000	60	60	90	90	120	120
EE	Full	2000	60	60	60	60	90	90
IT	Full	2000	90	89	90	90	90	90
AEI	Full	2002	60	60	60	60	60	60
BME	Full	2003	60	28	60	60	60	60
M.Tech (MCNT)	Full	2005	18	16	18	18	18	18
M. Tech (EDPS)	Full	2005	18	03	18	06	18	08
M. Tech (CSE)	Full	2007			18	--	18	18
M. Tech (S Engg)	Full	2007			18	--	18	18

\* Approval received from AICTE after admission during academic year 2008-2009.

- ❖ Number of applications received during last two years for admission under Management Quota and number admitted.

10% students admitted through Management Quota in 2008

## X. ADMISSION PROCEDURE

**B. TECH :** Candidate needs to have cleared 10 + 2 in Science discipline and must qualified in WBJEE & AIEEE Exam and selected through counselling organized by Central Selection Committee, Govt. of West Bengal. The ratio of the intake will be 80% from WB JEE 10% from All India Engineering Entrance Examination (AIEEE) and 10% from Management quota from the academic year 2007 - 2008.

**M. Tech.:** Candidates having 1<sup>st</sup> class and qualified in Gate exam may admit directly as per the merit list or through the admission test conducted by the institute.

- ❖ Mention the admission test being followed, name and address of the Test Agency and its URL (website).

WBJEE, AIEEE. Website is [www.csc-et.in](http://www.csc-et.in)

- ❖ Number of seats allotted to different Test Qualified candidates separately [AIEEE/CET (State conducted test/University tests)/Association conducted test]

### ❖ B . Tech.

Sl	Stream	Approved intake	Through WBJEE	Through AIEEE
1	ECE	120	96	12
2	EIE	60	48	06
3	BME	60	48	06
4	EE	90	72	09
5	CSE	120	99	09
6	IT	90	72	09
7	Mechanical	60	48	06

- **Last date for closing of admission.**  
As guided by West Bengal University of Technology and Govt. of West Bengal.
- **Starting of the Academic session.**

As guided by West Bengal University of Technology

- **The policy of refund of the fee, in case of withdrawal, should be clearly notified.**

As guided by the Govt. of West Bengal Dept. of Technical Education.

**XI. CRITERIA AND WEIGHTAGES FOR ADMISSION :**

Qualified through WBJEE or AIEEE and allotted by Central Selection Committee.

Item No I - XI must be given in information brochure and must be hosted as fixed content in the website of the Institution.

The Website must be dynamically updated with regard to XII–XV.

**XII. APPLICATION FORM : N/A**

- ❖ Downloadable application form, with online submission possibilities.

**XIII. Admission form is issued only to the students when they come with admission order from Central Counseling.**

- ❖ Downloadable application form, with online submission possibilities.

**XIV. LIST OF APPLICANTS : N/A**

- ❖ 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.

**XV. RESULTS OF ADMISSION UNDER MANAGEMENT SEATS/VACANT SEATS :**

Introduced in the current year. Following Information will be hoisted just after completion of the admission process and registration by the University.

- ❖ Composition of selection team for admission under Management Quota with the brief profiles of members (This information be 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.

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

LIBRARY:

- A. Total area of the library : 1079 Sq.M
- B. Seating capacity of the library : 250 Seats
- C. Reprographic facility (yes / No) : Yes
- D. Working hours of library : 08.00 a.m. to 08.00 p.m.
- E. Library networking facility (yes / No) : Yes
- F. Usage data of the library (in terms of books issued to the faculty & students etc.) :

Faculty : 5 books for lending and 2 for daily reading.

Student : 4 books for lending and 2 books for daily reading.

**5 text books from Book Bank**

**I. Details of the library facilities**

**Services Offered:** Reference & Information service, Internet Browsing, SDI Service, Bibliographical Service, Reprographic Service, Readers' Advisory Service, Lending Service, Reading Room Facility, OPAC (On line public access catalogue) Service.

- Schedule used for Book Classification : DDC 21<sup>st</sup> edn.
- On line public access Catalog (OPAC) : Libsys Software

**Subjects Covered:** Computer Science, Pure Sciences, Engineering, Management, Social Sciences, and Language.

**LABORATORY:**

**Department of ECE:**

Sl.	Name of the courses	Name of the lab	Total area of laboratories	Major equipment	
				Name of equipments	Qty
01	<b>Electronics Engineering Lab (EC191)</b>	Basic Electronics Lab	1000 sq.ft	Semiconductor Diode Test Set Zener Diode Test Set Junction Diode Rectifier Test Set BJT Characteristics Test Set JFET Characteristics Test Set OP – Amp Parameters Test Set Dual Trace CRO (20 MHz) CRO 100 MHz Digital Storage Oscilloscope Function Generator Digital Multimeter	
02	<b>Communication Circuits &amp; Systems Lab (BME592), Analog Communication Lab, Digital Communication Lab (EC591), Comm. Engineering Lab (CS),</b>	Communi-cation Lab	1125 sq.ft.	Amplitude Modulation Kit Amplitude Demodulation Kit Signal Generator & Frequency Modulation Kit Frequency Demodulation & Phase modulation Kit Noise – Audio Amplifier Kit Pulse Amplitude Modulation & Demodulation Kit Time Division Multiplexing Kit Time Division Demultiplexing Kit	

	<b>Comm. Engineering Lab (IT), Comm. Engineering Lab (EI), Telecomm. Systems Lab (M.Tech.)</b>			PWM & PPM (Modulation & Demodulation) PCM (Modulation) PCM (Demodulation) FSK (Modulation & Demodulation) PSK (Modulation & Demodulation) DPSK (Modulation & Demodulation) DPSK (Modulation) DPSK (Demodulation) Delta (Modulation) Delta (Demodulation) Sampling Theorem Verification Kit FM (Modulation & Demodulation) AM Demonstrator ASK (Modulation & Demodulation) ISDN N/W Set Computer Regulated DC Power Supply Digital Multimeter Microphone Speaker Oscilloscope 20 MHz Frequency counter
03	<b>Advanced Communication Lab, Network Simulation Lab (M.Tech.)</b>	Advanced Communication Lab	1000 sq.ft	CRO Fiber Optic Trainer Kit Fiber Optic Power Supply Fiber Optic Power Meter Mobile Trainer Kit Bluetooth Trainer Kit Multimeter DMM Fiber optic Lab Module Computer
04	<b>Microwave Engineering Lab, Propagation &amp; Antenna Lab</b>	Microwave & Antenna Propagation Lab	1000 sq.ft	Gunn Power Supply Gunn Oscillator PIN Modulator Isolator Frequency Meter Variable attenuator Detector Mount Mechanical turn table Pyramidal Horn Antenna E-plane bend Wave –guide stand VSWR Meter Klystron Power supply Reflex Klystron Oscillator Movable short Tuners Terminations Transmitter generator Positioner stepper Receiver synthesized Different types of Antenna Directional Coupler Antenna kit Polarization kit Computer (P4) CRO (100 MHz) Spectrum Analyser Cooling Fan BNC Cable TNC Cable

05	<b>Electronics System Design Lab, Analog Electronics Lab</b>	Analog Electronics Lab	1000 sq.ft	CRO Function Generator FET Trainer BJT Trainer R – C Couple Amplifier Trainer V / I & I / V Converter Trainer DAC & ADC Trainer DAC Trainer ADC Trainer Linear power Supply Trainer 555 Timer Trainer Function Generator Trainer Tuned Amplifier Trainer VCO & PLL Trainer Push – Pull Amplifier Trainer SMPS Trainer Power Amplifier Trainer Digital Multimeter SMPS
06	<b>Microprocessor &amp; Microcontroller Lab</b>	Microprocessor Lab	1000 sq.ft.	Microprocessor (8085) Trainer Microprocessor (8086) Trainer A/D Converter Kit D/A Converter Kit DC Stepper Motor DC Power Supply Microcontroller (8051) Kit Digital Control System (VHC - 8051) PIO Zero Crossing Detector Stepper Motor Controller / Module Peak Detector
07	<b>Digital Electronics &amp; Logic Design Lab(EC,EE,EI,CS,IT,BME)</b>	Digital Electronics & Logic Design Lab	1000 sq.ft.	Carry Look-ahead Adder Adder / Subtractor Trainer kit RAM Chip Test Set Digital Logic Trainer Set Register Kit Counter Trainer kit RS, JK, & D Flip-Flop Set Boolean Algebra Trainer Kit Carry Look-Ahead Counter Decoder Trainer Kit ALU Trainer Kit Multiplexer Test Kit D/A & A/D Converter Test Kit Demultiplexer Kit Half / full Adder Kit Keyboard Test Kit BCD Adder Kit Encoder Trainer Kit Dual Trace Oscilloscope Function Generator BCD Trainer Kit Asynchronous Counter Trainer Set Binary / Decimal Converter Trainer Set Digital Function Trainer Kit Display Drive Decoding Counter AND/ NAND Logic Gate Trainer OR / NOR Logic Gate Trainer Register / Counter Test Set

				AND / OR Logic Gate Trainer TTL NAND / NOR Logic Test Set Multimeter Trainer Kit Logic Gate Test Set Flip-Flop Test Set Multimeter
08	<b>VLSI Lab, DSP Lab, Biomedical Signal Processing Lab</b>	VLSI & DSP Lab	1000 sq.ft	CPU 24 pieces; Monitor:25 pieces; Mouse: 14 pieces; Keyboard: 24 pieces; Network switch: 2 pieces; UPS: 2 pieces; Speaker: 1 piece; VHDL Software FPGA / CPLD Trainer Board DSP Starter Kit TMS3206711 with CCS, DSP Starter Kit, TMS3205416with CCS, 1 GHz Spectrum Analyzer, MATLAB CD Kit

**Department of EE:**

Sl.	Name of the courses	Name of the lab/workshop	Total area of laboratories	Major equipment	
				Name of equipments	Qty
01	<b>Basic Electrical</b>	Basic Electrical Lab	1000sqft	Ammeter	14
				Voltmeter	12
				Wattmeter	07
				AC Variac	06
				DC Variac	01
				Post Office Box	03
				Unknown Inductance	01
				Unknown Capacitance	01
				Audio Generator	02
				1-Phase Transformer (1 KVA)	02
				3 Phase Transformer ( 1 KVA)	01
				Rheostat	04
				Load Box (1-Phase)	04
Load Box (3-Phase)	01				
02	<b>Electrical Machine</b>	Electrical Machine Lab-I	1000 sq.ft	DC Motor Couple with DC Series Generator	01
				DC Motor with belt pulley load	01
				DC Series Motor with belt pulley load	01
				DC Motor coupled with DC Shunt Generator	01
				3-Phase Induction Motor	01
				DC Motor Dismantled	01
				Rectifier unit	01
03	<b>Electrical Machine</b>	Electrical	1250 sq.ft	Rectifier unit	01
				3-Phase Induction Motor with different type	01

		Machine Lab-II		of Starter	
				3-Phase Induction Motor with belt pulley	01
				3-Phase Induction Motor with compound Generator	01
				1-Phase Induction Motor Testing	01
				3-Phase Slipring Induction Motor coupled with DC Shunt Motor	01
				3-Phase Synchronous Induction Motor coupled with DC compound Generator	01
				DC Shunt Motor coupled with Alternator	03
				Ammeter	13
				Voltmeter	10
				Wattmeter	03
04	<b>Electric Measurement</b>	Electric Measurement Lab	1000 sqft.	Energy Meter Kit	05
				Wattmeter Kit	05
				De-Sauty Bridge	04
				Anderson Bridge	02
				CRO	07
				C.T. & P.T. Set	01
				Kelvin Double Bridge	04
				Wine Bridge	02
				AC Variac	04
				DC Variac	02
				Rheostat	08
				Wattmeter	01
				Ammeter	06
				Voltmeter	05
				Demonstration Type Voltmeter	02
				Demonstration Type Ammeter	01

05	<b>Power Electronics</b>	Power Electronics Lab	1000sqft.	Semiconductor Diode Characteristic Trainer Kit	02
				Diac & Triac Characteristic Trainer Kit	02
				SCR, IGBT, MOSFET Characteristic Trainer Kit	02
				Study of SCR Firing Circuit Kit	01
				PSIM Software	01
				CRO	01
				Multimeter	03
06	<b>Electric Drives &amp; PLC</b>	Electric Drives & PLC Lab	1000 sqft.	AC Drive Trainer Kit with Motor	01
				DC Drive Trainer Kit with Motor	01
				Chopper operated DC Drive with Motor	01
				Triac Trainer Kit with Motor	01
				PLC Trainer Based on simetic S7-300	01
				PSIM Software	01
				CRO	02
				Computer	05
07	<b>Power System</b>	Power System Lab-I	1000 sqft.	Power System Software ETAP,PSCAD,SPARD	
				Constant Current Source	01
				DC Network Simulation	01
				Transmission Line Simulation Kit	01
				Transformer Oil Testing Equipment	01
				Power Transformer Simulation Kit	01
				Trivector Meter	01
				High Voltage & Current Source	01
				Computer	05

08	<b>Power System</b>	Power System Lab II	1000sqft	Over Current & Earth Fault Relay (Inverse)	02
				Directional Earth Fault Relay	01
				Directional Over Current Relay	01
				Instantaneous Earth Fault Relay	01
				Percentage Differential Relay	02
				Definite Time Over Current Relay	01
				Frequency Relay	01
				Under Voltage Relay	01
				Relay Test Set	01
				ON Load & OFF Load Time Delay Relay	01
				Potential Transformer	04
				Current Transformer	04
				Computer	03
09	<b>Circuit Theory &amp; Network</b>	Circuit Theory & Network Lab	1000sqft	Computer	12
10	<b>Control System</b>	Control System Lab	1000sqft	Computer	09
11	<b>Machine Design</b>	Machine Design Lab	1000 sq.ft	Computer	03
				Machine Design Software	02

**Department of EIE:**

SL	NAME OF THE COURSE	NAME OF LABORATORY	TOTAL AREA OF LAB.	MAJOR EQUIPMENT
1	<b>Microprocessor &amp; Micro-controller Lab. (EI-592)</b> <b>Microprocesor Based System Lab. (EI-592)</b> <b>Microprocessor &amp; Microcontroller Lab. (EI-491)</b>	Microprocessor & Micro-controller Lab.	1000 sq. ft.	Microprocessor kit – 8085 (08 nos) Microprocessor kit – 8086 (08 nos) Microcontroller kit – 8051 (08 nos) PC – 02 nos.
2	<b>Sensors and Transducers Lab. (EI-492)</b>	Sensors and Transducers Lab.	1000 sq. ft.	LVDT Transducer Experimental Trainer (03) Speed Measurement Sensor Panel (01 no.) Sensor Trainer (03 nos) Light Sensor Expt. Panel (01 no) Displacement Sensor Panel (01 no) Illumination Control using LDR & Triac (01 no) Load Cell Experimental Module with accessories (01 no) Strain Gauge Experimental Module with accessories (03 nos) Load Measurement tutor using Load Cell (02 ) Semiconductor Temperature Sensor Trainer (01 no)
3	<b>Electronics Instrumentation &amp;</b>	Electronics Instrumentatio	1000 sq. ft.	Static Characteristics Trainer (04 nos) DMM Trainer (04 nos)

	<b>Measurement Lab</b>	n & Measurement Lab		Linear System Simulator (02 nos) ADC Trainer (03 nos) DAC Trainer (03 nos) Dynamic Characteristics Trainer (02 nos) Single Channel DAS Module (03 nos) VCO & PLL Trainer Kit (01 no)
4	<b>Industrial Instrumentation Lab. (EI-591)</b>	Industrial Instrumentation Lab.	1000 sq. ft.	Dead Weight Pressure Gauge Tester (01 no) Flow Measurement Trainer (02 nos) Level Measurement Trainer by Capacitance (02 nos) Measurement of Temperature using Thermocouple Trainer Kit (01 no) RTD Characteristics Trainer Kit (01 no) Module to Measure Viscosity (01 no.)
5	<b>Process Control Lab. (EI-791)</b>	Process Control Lab.	1000 sq. ft.	Temperature Control Loop (01 no) Pressure Control Loop (01 no) Flow Control Loop (01 no) Level Control Loop (01 no)
6	<b>Telemetry and Remote Control Lab. (EI-792)</b>	Telemetry and Remote Control Lab.	1000 sq. ft.	Voltage Transmitter (01 no) Voltage Receiver (01 no) Voltage to Frequency Converter (01 no) Frequency to Voltage Converter (01 no) PLL Trainer (01 no) Trainer kit for PCM System (01 no) Trainer kit for PCM System (01 no) CRO (02 nos)

#### Department of BME

SL.	NAME OF THE COURSE	NAME OF LABORATORY	TOTAL AREA OF LAB.	MAJOR EQUIPMENT
01	BME	Physiology & material testing laboratory	1000 sq. ft	Microscope, ECG machine, BP measuring instrument, UTM, Hardness Testing machine, Colorimeter, Digital pH meter
02	BME	Medical instrumentation laboratory	1000 sq. ft	ECG, EMG & EEG monitoring system, Pacemaker simulator device, Electronic BP measuring system, Defibrillator system, Audiometer, Lead selection circuit, Spirometer, Flame photometer, Audiometer, Nerve conduction velocity measuring system, Biopotential electrode, Biosensors
03	BME	X-ray & Imaging laboratory	500 sq. ft	X-ray machine

#### Department of Physics:

Sl.	Name of the Course	Name of laboratory	Total Area of lab	Major equipment
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1	B. Tech [To determine the coefficient of Viscosity of water by Capillary flow.]	Physics Laboratory	2000 sqft	Apparatus of capillary flow system. Beaker, measuring cylinder, rubber tube. Stop clock.
	[To determine the Rigidity modulus of a Wire by dynamical method.]			Maxwell's needle with stand. Screw gauge, Experimental wire. Slide calipers, Stop clock.
	[To determine the bending moment & shear force of beam]			Expt load, Knife edges. Traveling Microscope. Slide Calipers etc.
	[To determine the thermal conductivity of a bad conductor by Lee's method.]			Lee's apparatus.b) Heater. Thermometer. Stop clock.
	[To determine the thermal conductivity of a good conductor by Searle's method.]			Searle's apparatus. Thermometer. Heater. Stop clock.
2	B. TECH. [To determine the wavelength of light by Newton's ring method.]  [To determine the wavelength of light by Fresnel's method.]  [To determine the dispersive coefficient of the given material of the prism.]  [Determine of Wavelength of LASER with transmission grating.]	Physics Laboratory.  Experiments on Optics	2000 sq. ft.	Microscope. Sodium source. Power supply. Optical bench ( Biprism Assembly ). Sodium Vapure lamp with  Power supply. Biprism, Lens. Spectrometer, Prism. Mercury source.  Power supply etc. Modified spectrometer. Grating, digital meter to measure intensity.  Laser source and laser detector. Table lamp etc. Analysis of polarized light by polarizing sheet half and quarter wave plates.

3	<p>B. TECH.</p> <p>[Use of Carey Foster's bridge to determine the unknown resistance.]</p> <p>[To determination of resistance of a Ballistic galvanometer and study the variation of logarithmic decrement with resistance.]</p> <p>[Determination of dielectric constant of given dielectric materials.]</p> <p>[To determine the thermo-electric power at certain temperature of the given thermocouple]</p>	<p>Physics Laboratory.</p> <p>Experiment on Electricity and Magnetism</p>	2000 sq. ft.	<p>Meter bridge. Power supply. Fractional resistance box. Null detector. Two equal low resistances. Commutator Resistance box (1-5 Kohm )</p> <p>Ballistic galvanometer. Lamp &amp; scale arrangement. Power supply. Resistance box. Fractional resistance box. Plug key. Tap key.</p> <p>Dielectric material C.R.O. Function generator</p> <p>Potentiometer Resistance box Power supply Plug key Digital nanometer Digital multimeter Thermocouple with heating arrangement, beaker, thermometer.</p>
4	<p>B. Tech</p> <p>[To determine e/m by Thomson's method.]</p> <p>[To determine Plank's constants using photocell.]</p> <p>[To determine Hall coefficient of semiconductor.]</p> <p>[To determine the band gap of a semiconductor.]</p> <p>[To determine Rydberg constant by studying Hydrogen / Helium spectrum.]</p>	<p>Physics Laboratory</p> <p>Experiments on Modern Physics</p>	2000 sqft	<p>C.R.T. Power supply. Bar magnets. Voltmeter.</p> <p>Power supply. Voltmeter. Ammeter. Micrometer. Solar cell. Filament bulb and mini optical bench.</p> <p>Hall probe with stand. Hall effect setup. Electromagnet. Constant current power supply Digital gauss meter.</p> <p>Four probe setup. Oven. Thermometer.</p> <p>Spectrometer, prism. Discharge tube (Helium &amp; Hydrogen) with source.</p>
5	<p>B. Tech</p> <p>[To study current-voltage characteristics, load response, areal characteristics and spectral response of</p>	Physics Laboratory	2000 sqft	<p>solar cell digital voltmeter digital ammeter light source with intensity control</p>

	photovoltaic cell			
6	[To determine numerical aperture and the energy losses related to optical fibre experiment]			power supply optical fibre digital multimeter
7	[To determine the Stefan's radiation constant ]			diode digital voltmeter digital ammeter
8	[To study crystal symmetries of Bravis lattices with the help of models. Complete setup]			
9	[To verify Bohr's atomic orbital theory through Frank-Hertz experiment. Complete setup.]			

**Department of Chemistry:**

Sl.	Name of the Course	Name of the Laboratories	Total Area of Laboratories	Major Equipments
1	B.TECH. 1 <sup>ST</sup> YEAR	CHEMISTRY LABORATORIES	1200 sq.ft	Chemical Balance (11 Nos.) Digital Balance (4 Nos.) Digital pH Meter (6 Nos.) Digital Conductivity Meter (6 Nos.) Burette (40 Nos) Pipette (15 Nos.) Dessicatter (2 Nos.) Volumetric Flask (100 Nos.) Conical Flask (35 Nos.) Round bottom Flask (10 Nos.) Beaker (50 Nos.) Measuring Cylinder (40 Nos.) Funnel (14 Nos.) Glass stopperd Bottle (38 Nos.) Hot Plate (1 No ) Weighing Bottle (25 Nos.) Chemicals & Reagents Computer (1 Nos.) Digital Thermometer (3 Nos.) AlmiraH (1 Nos.)

**Department of Humanities:**

Sl.	Name of the Course	Name of the Laboratory	Total Area of Lab	Major Equipments
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1.	Business Presentation lab For MCA 1st	Language and Personality Development Lab	750 sq.ft	1.Two computers 2.Two microphones 3. 37 Head phones. 4.One cassette player 5.Two loud speakers 6. One stabilizer 7. One amplifier
2	Technical Report writing Lab	-----Do-----	750 sq.ft	-----Do-----

#### COMPUTING FACILITIES:

Sl.	Particulars	Requirements as per Norms (1:4 all undergraduate UG Programmes )		Availability	
1.	No of Computer terminals	(Total Student in UG level 1830) 457.5		<b>600</b>	
2.	Hardware Specification	PENTIUM - IV		P IV 1gb/256/128 MB Ram, HDD 160gb/80gb/40gb, TFT, Color Monitor, Ps/2 Mouse, Multimedia Keyboard, CD writer etc.	
3.	No of terminals of LAN/WAN			<b>ALL</b>	
4.	Relevant Legal Software	Applic ation	System	<b>41</b>	<b>04</b>
5.	Peripheral(s)/ Printers			<b>58 + 2 High Configuration Router 2600 &amp; 1700 series, Pix firewall 501, 1mbps RIL Broadband Connection with Cyberoam Firewall &amp; CISCO manageable switches including one core switch with Fiber Optic connectivity, De-link unmanaged Switch etc.</b>	
6.	Internet Accessibility (in kbps & hrs)			<b>1mbps Broadband from RIL, 512 kbps Reliance Broadband connection with Fiber Optic cable.</b>	

#### ➤ List of facilities available.

##### Games and Sports Facilities

- We have a beautiful and spacious sports complex in which out door games like – football, cricket and others can be organized. Indoor game facilities like – Table Tennis , Carom, Basket balls events can also take place. We have also auditorium infrastructure wherein cultural functions, seminars and conference are arranged and conducted.

##### Extra Curriculum Activities

- We organize debate, quiz, technical fest. Educational tours & Training Programmes on short term basis are also conducted.
- National Service Scheme Programme is being implemented in the Institute.
- Students participation in Red Cross Training programme needs also to be mentioned.
- Students participation in National Relief Services has also taken place.

### **Skill Development Facilities**

- We have a modern language lab planned, designed and architected by experts from IIT Kharagpur.
- MOU signed with Infosys for the Campus connect programme. At present our 140 pre final students are undergoing the said 130 hrs technical training proramme.
- MOU signed with IBM learning team. Presently 147 pre final students are having the said 12 weeks technical training proramme.
- Organise regular Aptitude, Communicative Language and Personality Development Classes for each 2<sup>nd</sup> & 3<sup>rd</sup> year students.
- We have periodic performance and skill test of final & pre final year students in order to help them to equip them for better performance in competitive tests and interviews.
- On-line test for all the above mentioned classes are taken at least 3 nos. for each students in a month.

### **Instructional area :**

	Particulars	Number of rooms		Carpet area of each room	
		Requirement as per norms	Available in the institution	Requirement as per norms	Available in the Institution (Sq.M)
	Class Rooms	26 nos	46	66 sq.m	4044
	Tutorial Hall	18	24	36 sq.m.	1383
	Drawing Hall (*)	01 nos.	01	175 sq.m.	163
	Computer Centre	1 nos.	12	150 sq.m.	1660
	Library	1 nos.	01+01	400 sq.m	1079+260
	Laboratories & workshops	250 sq.m/lab	49+01	250 sq.m/lab	4634+500
	<b>Total</b>		<b>135</b>		<b>13463</b>

- Curricula and syllabi for each of the programmes as approved by the University.  
B. Tech Syllabi –

As per WBUT curricula (for detailed syllabus, www.wbut.net can be consulted)

- Academic Calendar of the University : As prescribed by WBUT
- Academic Time Table : As prescribed by WBUT
- Teaching Load of each Faculty : As per AICTE norms
- Internal Continuous Evaluation System and place : At least 2 class tests held per semester along with quizzes and assignments.
- Students' assessment of Faculty, System in place : Students feed back about faculty performance is obtained in each semester against various attributes through on-line voting system.

**For each Post Graduate programme give the following:**

- i. Title of the programme : **Electrical Device & Power System**
- ii. Curricula and Syllabi : As prescribed by WBUT
- iii. Faculty Profile

Dr. Subrata Kr. Mitra	Professor
Mr. Priyaranjan Mondal	Asst. Professor
Ms. Suparna Pal	Asst. Professor
Mr. Snehasis Pal	Asst. Professor
Ms. Soma Biswas	Asst. Professor
Ms. Sharmistha Mondal	Asst. Professor
Mr. Baren K. Paul	Asst. Professor

Laboratory facilities exclusive to the PG programme

- Advanced Power System Lab.
- Advanced Control System Lab.
- Advanced Microprocessor Lab
- Special Electro Mechanical Devices Lab

- i. Title of the programme : **Mobile Communication**
- iv. Curricula and Syllabi : As prescribed by WBUT
- v. **Faculty Profile**

Dr. S K Chowdhury	Professor
Dr. B B Pal	Professor
Dr. Debesh Chowdhury	Professor
Ms. Swastika Chakraborty	Asst. Professor
Mr. Indranath Sarkar	Asst. Professor
Prof. A K Das	Prof. ( Guest )
Mr. Goutam Lohar	Asst. Professor
Dr. Amit K. Dutta	Asst. Professor

Laboratory facilities exclusive to the PG programme

- Advanced Microwave & Antenna Lab

- Advanced Telecommunication Lab
- Advanced Process Control Lab

- i. Title of the programme: **Software Engineering**  
 vi. Curricula and Syllabi : As prescribed by WBUT

**vii. Faculty Profile**

Dr. M.K.Roy	Professor
Dr. R.Jana	Asst. Professor
Mr. Somsubhra Gupta	Asst. Professor
Mr. Tanmoy Bhattacharya	Sr. Lecturer
Mr. Soham Sengupta	Sr. Lecurer

Laboratory facilities exclusive to the PG programme: Two computer labs are dedicated for PG Programme

- i. Title of the programme : **Computer Science & Engg.**  
 viii. Curricula and Syllabi : As prescribed by WBUT

**ix. Faculty Profile**

Dr. D.Ghoshdastider	Professor
Dr. Subhanshu Bandyapadhyay	Professor
Mr. Somsubhra Gupta	Asst. Professor
Mr. Soham Sengupta	Asst. Professor
Mr. Tonmay Bhattacharya	Sr. Lecturer
Dr. S. K. Kundu	Professor

Laboratory facilities exclusive to the PG programme: Two computer labs are dedicated for PG Programme

Special Purpose

- Software, all design tools in case Software available as per the curriculum
- Academic Calendar and frame work : As prescribed by WBUT
- Admission procedure  
**M.TECH** : Through GATE or 1<sup>st</sup> class in B.Tech / BE through Institutional Admission test.

♣ **FEE STRUCTURE**

CATEGORY	Being charged by the Institution
Admission Fee	Rs.10,000/-
Tuition Fee	Rs. 40,000/- p.s.

University fee (Examination fee, Registration fee etc.)	Rs. 300/- (Registration Fee) Rs. 500/- per year (University Development Fund) Rs. 800/- per sem (Examination Fee)
Hostel fee (Rent etc.)	Rs. 2,750/- p.m. (including boarding & lodging)
Any other	Rs. 5,000/- (General Caution Money - Refundable)

- **Hostel Facilities**

We have our own hostel building just opposite of our college campus. The facility available in the hostels are – fooding, lodging, electricity, indoor game, warden to look after the hostel operations, medical facility etc..

- Contact address of coordinator of the PG programme

Name: Prof. H D Banerjee  
Address: JIS College of Engineering, Block A, Phase – III,  
Kalyani, Nadia, West Bengal, Pin : 741235  
Telephone: 91 33 25808640 / 25822138  
E-mail: tnp@jisgroup.org