

DR. SUDHIR CHANDRA SUR DEGREE ENGINEERING COLLEGE

Mandatory Disclosure

(PG, UG & Diploma Courses)

1. NAME OF THE INSTITUTION

Dr. Sudhir Chandra Sur Degree Engineering College

540, Dum Dum Road, Surermath, Near Dum Dum Jn. Station, Kolkata-700074

033 2560 3898 / 3889 | 9051978666 | info@dsec.ac.in | www.dsec.ac.in

2. NAME AND ADDRESS OF THE TRUST

JIS FOUNDATION

7, Sarat Bose Road, Kolkata-700020

033 2289 3943/3944/5323 | info@jisgroup.org

3. NAME AND ADDRESS OF THE PRINCIPAL

Dr. Om Prakash Sharma

540, Dum Dum Road, Surermath, Near Dum Dum Jn. Station, Kolkata-700074

033 2560 3898 / 3889 | 9051978666 | principal_dsdec@jisgroup.org

4. NAME OF THE AFFILIATING UNIVERSITY

Maulana Abul Kalam Azad University of Technology, West Bengal

5. GOVERNANCE

- Members of the Board and their brief background**

1	Prof. S.M.Chatterjee, Ex-Vice Chancellor, IEST	Chairman
2	Director of Technical Education, Govt. of West Bengal	Member
3	The Regional Director, AICTE, Eastern Regional Office	Member
4	Mr. Partha Ghosh, State Govt. Nominee Govt. College of Engineering & Ceramic Technology	Member
5	Prof. Narayan Banerjee, MAKAUT Nominee	Member
6	Mr. Kallol Datta, Industrialist	Member
7	Mr. Taranjit Singh, Managing Trustee, JIS Foundation	Member
8	Mr. Haranjit Singh, Trustee Member, JIS Foundation	Member
9	Mr. Amrik Singh, Trustee Member, JIS Foundation	Member
10	Mr. Simarpreet Singh, Trustee Member, JIS Foundation	Member
11	Mr. Harjot Singh, Trustee Member, JIS Foundation	Member
12	Mr. Amanjot Singh, Trustee Member, JIS Foundation	Member
13	Mr. S.S.Duttgupta, Director, JIS Group	Member
14	Mr. U.S.Mukherjee, Deputy Director, JIS Group	Member
15	Mr. Amit Srivastava, Managing Director, Hash Technology	Member
16	Dr. Asit Guha, Advisor, JIS Group (Educationist)	Member
17	Dr. Ranjit Roy, Prof. & HOD, Dept. of EE, DSCSDEC	Member

18	Dr. Swapan Bhattacharyya, Prof. & HOD, Dept. of ECE, DSCSDEC	Member
19	Dr. Om Prakash Sharma, Principal, DSCSDEC	Member Secretary

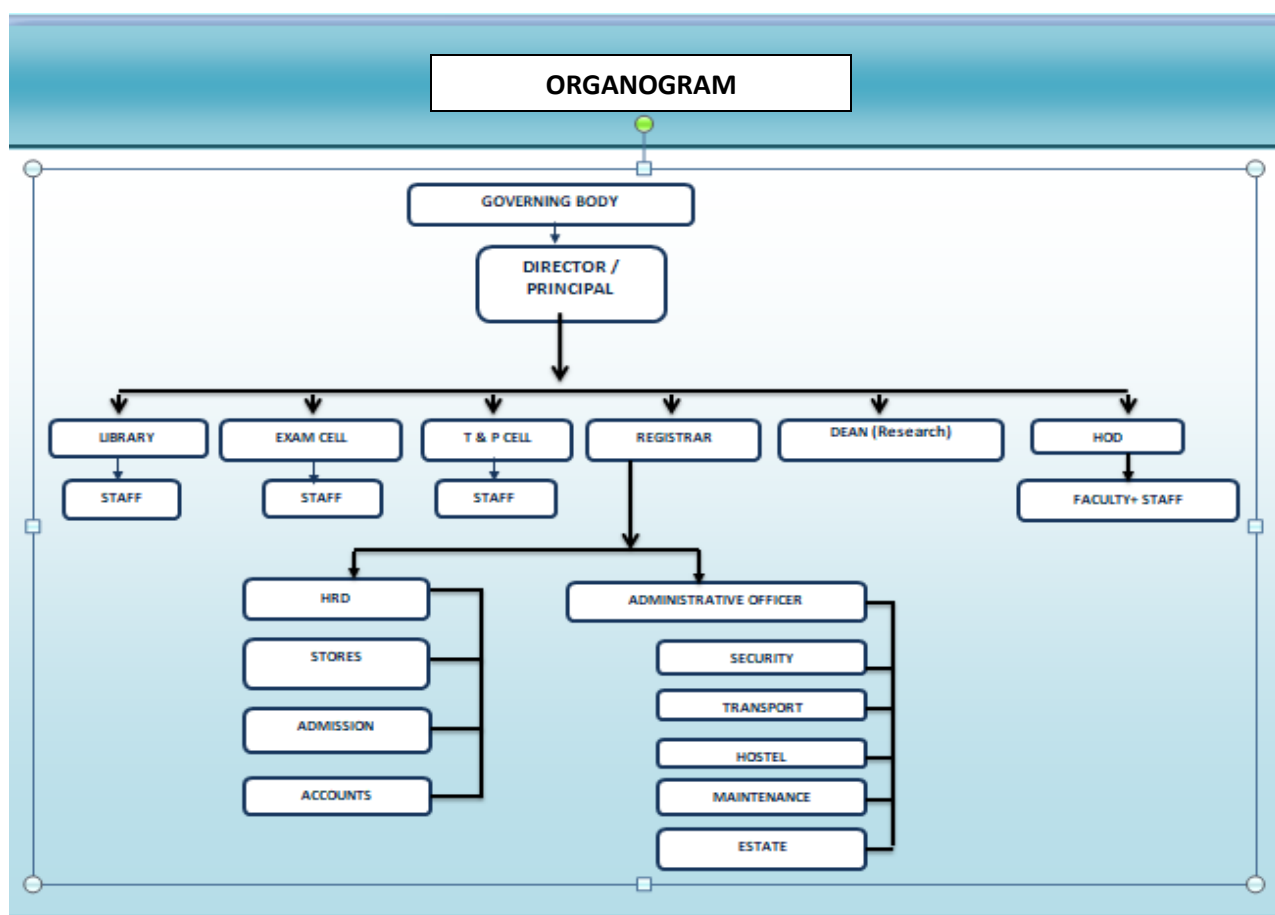
- **Member of Academic Committee**

1	Dr. Om Prakash Sharma, Principal	Chairman
2	Dr. Mallika De, TIC, Dept. of CSE	Convener
3	Dr. Swapan Bhattacharyya, HOD, Dept of ECE	Member
4	Dr. Ranjit Roy, HOD, Dept. of EE	Member
5	Dr. Sushovan Sarkar, HOD, Dept. of CE	Member
6	Dr. Ambarish Datta, TIC, Dept. of AUE	Member
7	Dr. Bikash Choudhuri, TIC, Dept of ME	Member
8	Mr. Vivek Shaw, Asst. Professor, Dept. of BS&H	Member
9	Ms. Puja Bhowmick, Asst. Professor, Dept. of BS&H	Member
10	Ms. Ruchi Shaw, Asst. Professor, Dept of BS&H	Member

- **Frequency of the Board Meeting and Academic Advisory Body**

Boards of Governors (BOG) meetings are held about 2 – 4 times in a year while Advisory Committee meetings are planned to be held at least twice in a year.

- **Organizational Chart and processes**



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

- **Faculty Advisor Programme:** All the students are under guidance and advice of a particular faculty member of the institute. At around 10 to 12 students in a group are allotted under the guidance of a particular faculty member. Academic and personal problems of the students if any, are being addressed by the concerned faculty member and necessary follow up actions are taken up accordingly.
- **Seminars:** National seminars on important and effective areas / topics are being conducted frequently by the concerned departments.
- **Student Development Programmes:** Student Development Programmes are being conducted to brush up the skills of students which reflects on their performance before the selection committee for getting jobs after completion of their academic programme.
- In addition to the above, few other committees are also constituted like Sports & Cultural Committee, Library Committee, Placement Committee etc. to improve the academic affairs.

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

- All HOD'S are considered as the in-charges of the students and staff members of their respective department.
- Faculty meetings are being conducted for discussion on the academic and administrative matters of respective departments on a specific periodic gap.
- Decisions pertaining to Appointments of the staff members, academic schedule and other matters are taken by the competent authority of the Institute, based on the feedback received from the Head of the Department by abiding all required norms.
- Various student committees are exists for performing all required and proposed activities and its smooth functioning, which are finally being accepted by the higher management for proper executions.
- At least one representative from each, Teaching, Non-teaching and Guardians are also being incorporated in the governing body along with members of Board of Governors.

- **Student Feedback on Institutional governance / Faculty performance**

- Students Feedback Mechanism exists for getting proper feedback on Institutional Governance and faculty performance as well.

- Faculty appraisal is being processed after obtaining Students feedback on faculty performances in the prescribed format, which is done once in a year.
- **Grievance Redressal mechanism for Faculty, staff and students**
 - Grievance Redressal Cell consisting of six members – 5 Faculties from different department and two student representative.
 - Arrangement of Complaint boxes is available within the Institute premise to collect the grievance application, if any, from the Students, Faculty and Staff.
 - Grievance Redressal Committee meeting held once in a month and proposals / suggestions if any, are being sent to the Board of Governors subsequently.
- **Establishment of Anti Ragging Committee**
 - Anti Ragging Committee and Anti Ragging Squad has been constituted and exists to address all ragging related grievance, if any, and to take necessary and prompt actions to resolve the matter as per the rules and norms specified.
 - There are forty members in Anti Ragging Committee including Principal, Director, Head of the Departments, Faculty members, Representative from Police Administration, Guardians of Students and Student representatives.
 - Anti Ragging Squad has been constituted with Sixty one members including Faculty, Technical Assistant, Administrative Staff, Student representative, Hostel representatives.
- **Establishment of Online Grievance Redressal Mechanism**

Online Grievance Redressal Mechanism process has also been adopted as per the directive and guidelines specified, where any grievance may be posted through online at Geivance Redressal web portal. Grievance is being addressed and necessary actions are also being taken over promptly.
- **Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University**

Grievance Redressal Committee has been constituted and exist with six faculty members and two student representatives.
- **Establishment of Internal Complaint Committee (ICC)**

Internal Complaint Committee(ICC) has been constituted and exist with six faculty members from different department, Administrative Officer and two student representatives to address all relevant matters and to take prompt action.

- **Establishment of Committee for SC / ST**
Committee for SC / ST has been formed and exist with five members including faculty from different department to address any issues related to students, faculty & staff members belonging to such category.
- **Internal Quality Assurance Cell**
- IQAC is aimed to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

The composition of the IQAC

- Chairperson: Head of the Institution
- A few senior administrative officers
- Three to eight teachers
- One member from the Management
- One/two nominees from local society, Students and Alumni
- One/two nominees from Employers /Industrialists/stakeholders
- One of the senior teachers as the coordinator/Director of the IQAC

6. PROGRAMMES

- **Name of Programmes approved by AICTE**

4 years B. Tech (8 Semesters) Degree Course :			
Sl. No.	Name	Sanctioned Intake	Duration
01	Computer Science & Engineering	60	4 yrs.
02	Electronics & Communication Engineering	120	4 yrs.
03	Electrical Engineering	60	4 yrs.
04	Civil Engineering	60	4 yrs.
05	Mechanical Engineering	120	4 yrs.
06	Automobile Engineering	60	4 yrs.
2 years M.TECH (4 Semesters) Degree course :			
01	Communication Engineering	18	2 yrs.
02	Mechanical Engineering	18	2 yrs
3 years Diploma (6 Semester) Course:			
01	Civil Engineering	60	3 yrs
02	Automobile Engineering	60	3 yrs
3 Years Vocational Courses:			
01	B.Voc. in Electronic Manufacturing Services (ECE)	25	3 yrs
02	D. Voc. In Automobile Servicing (AUE)	25	3 yrs

- **Name of Programmes Accredited by AICTE**

Course are approved by the AICTE as mentioned above

- **Status of Accreditation of the Courses**

(Not Applicable)

- **Programme wise details are as follows:**

(Name, Number of seats, course durations are stated above)

- **Cut off marks / rank of admission during the last three years**

Programme	Entrance Rank	2018-19	2017-18	2016-17
B.TECH.	Opening	24030	18109	15675
	Closing	102064	96915	100339
M.TECH.	Opening	807	---	50
	Closing	---	---	876
DIPLOMA	Opening	15769	4035	15797
	Closing	59868	71423	59735

- **Fees**

Courses / Semester	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th
Diploma (through Counseling)	29000	14000	14000	14000	14000	14000	-	-
Diploma (TFW#)	20000	5000	5000	5000	5000	5000	-	-
Diploma (Other than Counseling)	35000	20000	20000	20000	20000	20000	-	-
B.Tech.	83300	40000	45000	45000	46000	46000	47000	47000
B.Tech. (TFW#)	43300	-	4000	4000	4000	4000	4000	4000
B.Tech. (Lateral Entry)	-	-	67650	45100	46200	46200	47300	47300
M.Tech.	72600	50000	50000	50000	-	-	-	-

- **Placement Facilities**

- Dr Sudhir Chandra Sur Degree Engineering College endeavor is to provide maximum possible number of campus interview opportunities to the students with equal emphasis on IT and Core engineering placement and prolonged placement support even after graduation. **Our** students have been recruited by more than 87+ renowned corporate houses during campus placement for coming few years. We arrange extensive training to improve placement opportunities for students. We try to find the Industry Gap and up skill the students accordingly to fit for the valued recruiters.

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

Sl.No	Name of the Company	2017	2018	2019
1	Capgemini	√	√	√
2	CTS	√	√	√

3	HCL Technology	√	√	√
4	ITC INFOTECH	√	√	√
5	JOHNSON CONTROL	√	√	
6	Persistent			√
7	Piaggio Vehicles Ltd.			√
8	Prolific	√	√	
9	Simplex Infrastructures Ltd.	√	√	√
10	SUBEX	√		√
11	TCS			√
12	TECH MAHINDRA	√	√	
13	Wipro	√	√	√
14	ZENSAR	√	√	√
15	Zycus	√	√	√
16	Ericsson	√	√	√

Sl.No	Name of the Company	2017	2018	2019
17	IBM		√	
18	IBS Software		√	√
19	KEC International			√
20	Mphasis	√	√	√
21	Sasken Technology			√
22	Tavisca Solutions			√
23	Amazon	√	√	√
24	Byjus	√	√	√
25	A B Polypacks			√
26	AIS Glass India		√	√
27	Acc Ltd			√
28	Accuvate software			√
29	Adobe System India		√	
30	Ambootia Tea		√	
31	ARTECH INDIA	√		√

32	Asa Bhanu Group		√	
33	Bengal Hyundai			√
34	Bitwise	√		
35	BMW	√		
36	Collabera		√	
37	Dee Power	√		√
38	Epic Research			√
39	ERA Group	√	√	
40	FI Smith			√
41	French Motor			√
42	Genpact		√	√

Sl.No	Name of the Company	2017	2018	2019
43	Global Logic			√
44	Hakuna Matata Solutions	√		
45	Hexaware Technologies		√	
46	Hind Rectifier	√	√	
47	HITACHI CONSULTING	√		
48	HP	√	√	
49	HR Jhonson			√
50	Hyundai Construction	√	√	√
51	Idiosys Tech Pvt Ltd			√
52	India Mart			√
53	Indigo Airlines	√	√	
54	Informatica			√
55	Infosys		√	
56	Justdial	√		
57	Kasura Technologies			√
58	Keyence India		√	
59	Kovair Software Pvt Ltd	√	√	√
60	Kreeti Technology	√		

61	LG Soft India		√	
62	Linde India Ltd.		√	
63	Manikaran Analytics Ltd		√	√
64	Mantra Labs Pvt. Ltd.		√	√
65	Meritor HVS (India) Limited			√
66	MS. Directi		√	
67	MS. Times Internet Ltd.		√	
68	Net2Source		√	√
69	Netconnect Pvt. Ltd			√
70	Netpro System		√	√
Sl.No	Name of the Company	2017	2018	2019
71	Nextval Infotech		√	√
72	Novatree	√		
73	Paramatrix			√
74	Patel Infrastructure Ltd.		√	
75	Pinnacle Infotech	√	√	√
76	Prabhu Industrial Udyog		√	√
77	Protiviti			√
78	QH Talbros		√	√
79	Raj Cooling System			√
80	Rajsriya Automotive Industries Pvt. Ltd.		√	
81	Regalix		√	√
82	Reshmi Metaliks			√
83	Rivigo	√	√	
84	Rotodyne	√		√
85	SANMAR	√		
86	Shapoorji& Pallonji	√	√	
87	Tafe		√	
88	TATA AIG	√	√	
89	Trigent Software		√	
90	UB Group			√

91	Usha Power	√		
92	VE Commercial	√	√	√
93	Verizon			√
94	Vijai Electrical Ltd.		√	
95	VVDN Technologies			√
96	Vyoms Labs. Pvt. Ltd.		√	
97	Vyrazu Labs			√

- *Placement in last three years with minimum salary, maximum salary and average salary.*

Year	Maximum Salary	Minimum Salary	Average Salary
2018-2019	6.5 LPA	1.8 LPA	2.73 LPA
2017-2018	6 LPA	1.5 LPA	2.4 LPA
2016-2017	6 LPA	1.35 LPA	2.4 LPA

- **Name and duration of programme(s) having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is foreign collaboration, give the following details:**
(Not Applicable)

7. FACULTY

- **Branch wise list of Faculty members:**

PERMANENT FACULTY		
Name of Faculty	Course	Exact Designation
Mr. SYED ABDUL NAFIS	AUTOMOBILE ENGINEERING	PROFESSOR
Mr. SUBRATA SAHA	AUTOMOBILE ENGINEERING	ASST PROFESSOR
Mr. ABHISHEK CHANDRA	AUTOMOBILE ENGINEERING	ASST PROFESSOR
Mr. ARINDAM MUKHERJEE	AUTOMOBILE ENGINEERING	ASST PROFESSOR
Dr. AMBARISH DATTA	AUTOMOBILE ENGINEERING	ASST PROFESSOR
Mr. KUNAL BAGCHI	AUTOMOBILE ENGINEERING	ASST PROFESSOR
Mr. KALYAN MUKHERJEE	AUTOMOBILE ENGINEERING	ASST PROFESSOR
Dr. PRASUN DUTTA	AUTOMOBILE ENGINEERING	ASST PROFESSOR
Mr. ANGSHUMAN ROY	AUTOMOBILE ENGINEERING	ASST PROFESSOR
Mr. SUBRATA GHOSH	AUTOMOBILE ENGINEERING	LECTURER
Mr. SOUMYADEEP DEY	AUTOMOBILE ENGINEERING	LECTURER

Mr. PRODIP KUMAR DAS	AUTOMOBILE ENGINEERING	LECTURER
Mr. ARIJIT CHAKRABORTY	AUTOMOBILE ENGINEERING	LECTURER
Dr. SUSHOVAN SARKAR	CIVIL ENGINEERING	PROFESSOR
Mr. SOMRAJ BISWAS	CIVIL ENGINEERING	ASST PROFESSOR
Mr. SOUVIK CHAKRABORTY	CIVIL ENGINEERING	ASST PROFESSOR
Mr. BAIBASWATA DAS	CIVIL ENGINEERING	ASST PROFESSOR
Miss ISHIKA GHOSH	CIVIL ENGINEERING	ASST PROFESSOR
Mr. PRIYABRATA GUHA	CIVIL ENGINEERING	ASST PROFESSOR
Mr. RATNADEEP ROY	CIVIL ENGINEERING	ASST PROFESSOR
Ms. ASMITA BHATTACHARYA	CIVIL ENGINEERING	ASST PROFESSOR
Mr. RUPAM SAM	CIVIL ENGINEERING	ASST PROFESSOR
Mr. SOURADEEP ROY	CIVIL ENGINEERING	LECTURER
Mr. SAMRAN BANERJEE	CIVIL ENGINEERING	LECTURER
Mr. SOURAV KUMAR SINGHA	CIVIL ENGINEERING	LECTURER
Ms. PUJA PAL	CIVIL ENGINEERING	LECTURER
Dr. MALLIKA DE	COMPUTER SCIENCE AND ENGINEERING	PROFESSOR
Mr. KASHINATH DEY	COMPUTER SCIENCE AND ENGINEERING	PROFESSOR
Mr. JAIDEEP DUTTA	COMPUTER SCIENCE AND ENGINEERING	ASST PROFESSOR
Mr. AMIT BANERJEE	COMPUTER SCIENCE AND ENGINEERING	ASST PROFESSOR
Ms. MADHUSMITA MISHRA	COMPUTER SCIENCE AND ENGINEERING	ASST PROFESSOR
Mrs. DEBDATTA CHATTERJEE	COMPUTER SCIENCE AND ENGINEERING	ASST PROFESSOR
Ms. RINKU SUPAKAR	COMPUTER SCIENCE AND ENGINEERING	ASST PROFESSOR
Mr. ANJAN KUMAR PAYRA	COMPUTER SCIENCE AND ENGINEERING	ASST PROFESSOR
Mr. SOVAN SAHA	COMPUTER SCIENCE AND ENGINEERING	ASST PROFESSOR
Dr. RANJIT ROY	ELECTRICAL ENGINEERING	PROFESSOR
Mr. ANIRBAN CHOWDHURY	ELECTRICAL ENGINEERING	ASST PROFESSOR
Mr. TANMAY DAS	ELECTRICAL ENGINEERING	ASST PROFESSOR
Dr. KRITI MUKHERJEE	ELECTRICAL ENGINEERING	ASST PROFESSOR
Mr. INDRANIL KUSHARY	ELECTRICAL ENGINEERING	ASST PROFESSOR
Mr. PRATHITA ROY	ELECTRICAL ENGINEERING	ASST PROFESSOR
Ms. SUDESHNA GHOSH	ELECTRICAL ENGINEERING	ASST PROFESSOR
Mrs. RUMRUM BANERJEE	ELECTRICAL ENGINEERING	ASST PROFESSOR
Ms. MONIDIPA ROY BARMAN	ELECTRICAL ENGINEERING	ASST PROFESSOR
Dr. OM PRAKASH SHARMA	ELECTRONICS & COMMUNICATION ENGG	PRINCIPAL
Dr. SWAPAN BHATTACHARYYA	ELECTRONICS & COMMUNICATION ENGG	PROFESSOR
Ms. ANUVA GANGULY	ELECTRONICS & COMMUNICATION ENGG	ASST PROFESSOR
Ms. DEBARATI CHAUDHURI	ELECTRONICS & COMMUNICATION ENGG	ASST PROFESSOR
Ms. MOUMITA BASAK	ELECTRONICS & COMMUNICATION ENGG	ASST PROFESSOR
Ms. OIENDRILA NATH	ELECTRONICS & COMMUNICATION ENGG	ASST PROFESSOR
Mr. RAJDEEP MITRA	ELECTRONICS & COMMUNICATION ENGG	ASST PROFESSOR
Mr. RANJIT KUMAR DUTTA	ELECTRONICS & COMMUNICATION ENGG	ASST PROFESSOR

Ms. SREPARNA BARUA	ELECTRONICS & COMMUNICATION ENGG	ASST PROFESSOR
Ms. ANGANA MALIK	ELECTRONICS & COMMUNICATION ENGG	ASST PROFESSOR
Mr. SUKABYA DAN	ELECTRONICS & COMMUNICATION ENGG	ASST PROFESSOR
Mrs. SOUMISHILA MITRA	ELECTRONICS & COMMUNICATION ENGG	ASST PROFESSOR
Ms. ANANYA BANERJEE	ELECTRONICS & COMMUNICATION ENGG	ASST PROFESSOR
Mr. SUTANU GHOSH	ELECTRONICS & COMMUNICATION ENGG	ASST PROFESSOR
Ms. DEBASMITA MANNA	ELECTRONICS & COMMUNICATION ENGG	ASST PROFESSOR
Ms. MANALI DHAR	ELECTRONICS & COMMUNICATION ENGG	ASST PROFESSOR
Ms. MANJARI BHARATI	ELECTRONICS & COMMUNICATION ENGG	ASST PROFESSOR
Mr. AMARTYA ACHARYA	ELECTRONICS & COMMUNICATION ENGG	ASST PROFESSOR
Mr. ANUP GORAI	ELECTRONICS & COMMUNICATION ENGG	ASST PROFESSOR
Ms. PAYEL HALDER	ELECTRONICS & COMMUNICATION ENGG	ASST PROFESSOR
Mr. FIROJUDDIN SK	ELECTRONICS & COMMUNICATION ENGG	ASST PROFESSOR
Dr. PROBHAS BOSE	MECHANICAL ENGINEERING	PROFESSOR
Dr. ATANU BHATTACHARYA	MECHANICAL ENGINEERING	ASSOCIATE PROFESSOR
Ms. ARPITA CHATTERJEE	MECHANICAL ENGINEERING	ASST PROFESSOR
Mr. DEBDULAL PRAMANIK	MECHANICAL ENGINEERING	ASST PROFESSOR
Mr. DOLAN KUMAR DAS	MECHANICAL ENGINEERING	ASST PROFESSOR
Mr. ANISH BISWAS	MECHANICAL ENGINEERING	ASST PROFESSOR
Mr. SOURAV PATTANAYAK	MECHANICAL ENGINEERING	ASST PROFESSOR
Mr. BHABANI RANJAN PAL	MECHANICAL ENGINEERING	ASST PROFESSOR
Mr. GAUTAM BISWAS	MECHANICAL ENGINEERING	ASST PROFESSOR
Mr. ABHISHEK MITRA	MECHANICAL ENGINEERING	ASST PROFESSOR
Mr. SURAJIT PATRA	MECHANICAL ENGINEERING	ASST PROFESSOR
Mr. AKASH PAUL	MECHANICAL ENGINEERING	ASST PROFESSOR
Mr. UDAY KUMAR	MECHANICAL ENGINEERING	ASST PROFESSOR
Mr. PRADIP KUMAR SHARMA	MECHANICAL ENGINEERING	ASST PROFESSOR
Mr. RAHUL KUMAR PRAJAPATI	MECHANICAL ENGINEERING	ASST PROFESSOR
Mr. ROHAN KUMAR	MECHANICAL ENGINEERING	ASST PROFESSOR
Mr. SATYA PRAKASH VERMA	MECHANICAL ENGINEERING	ASST PROFESSOR
Mr. SUBHENDU PAL	MECHANICAL ENGINEERING	ASST PROFESSOR
Mr. ARINDAM BANERJEE	MECHANICAL ENGINEERING	ASST PROFESSOR
Dr. BIKASH CHOUDHURI	MECHANICAL ENGINEERING	ASST PROFESSOR
Ms. GEETIKA KUMARI SALWAN	MECHANICAL ENGINEERING	ASST PROFESSOR
Dr. ATANU KOTAL	FIRST YEAR/OTHER	PROFESSOR
Dr. SANHITA BANERJEE CHATTARAJ	FIRST YEAR/OTHER	ASSOCIATE PROFESSOR
Dr. JOYOTI BISWAS	FIRST YEAR/OTHER	ASSOCIATE PROFESSOR
Mr. VIVEK SHAW	FIRST YEAR/OTHER	ASST PROFESSOR
Mr. NILANJAN SINGHA ROY	FIRST YEAR/OTHER	ASST PROFESSOR
Mr. BIDYUT MAJUMDER	FIRST YEAR/OTHER	ASST PROFESSOR
Ms. SAMANWITA BHATTACHARYA	FIRST YEAR/OTHER	ASST PROFESSOR

Ms. PUJA SWARNAKAR	FIRST YEAR/OTHER	ASST PROFESSOR
Mr. AVIJIT MONDAL	FIRST YEAR/OTHER	ASST PROFESSOR
Mrs. INDRANI BASU	FIRST YEAR/OTHER	ASST PROFESSOR
Ms. SUKANYA SINHA	FIRST YEAR/OTHER	ASST PROFESSOR
Mr. RAMAPRASAD PATRA	FIRST YEAR/OTHER	ASST PROFESSOR
Mr. SUMAN MITRA	FIRST YEAR/OTHER	ASST PROFESSOR
Dr. SANTOSH CHAKRABORTY	FIRST YEAR/OTHER	ASST PROFESSOR
Ms. PEU GHOSAL	FIRST YEAR/OTHER	ASST PROFESSOR
Mrs. RUCHI SHAW	FIRST YEAR/OTHER	ASST PROFESSOR
Dr. BIPASHA BHOWMICK	FIRST YEAR/OTHER	ASST PROFESSOR
Ms. DEBANJANA GHATAK	FIRST YEAR/OTHER	ASST PROFESSOR
Ms. JHILIK NASKAR	FIRST YEAR/OTHER	ASST PROFESSOR
Ms. NIBEDITA BISWAS	FIRST YEAR/OTHER	ASST PROFESSOR
Ms. PALLABI BOSE	FIRST YEAR/OTHER	ASST PROFESSOR
Mr. BAPIN MONDAL	FIRST YEAR/OTHER	ASST PROFESSOR
Ms. TANUSRI GHOSH	FIRST YEAR/OTHER	ASST PROFESSOR
Ms. HAIMANTI ADHIKARI	FIRST YEAR/OTHER	ASST PROFESSOR
Mr. SAIFUL ISLAM KHAN	FIRST YEAR/OTHER	LECTURER

• **Permanent Faculty: Student Ratio**

UG – 1:20

PG -1:12

Diploma – 1:25

• **Number of Faculty employed and left during the last three years**

Employed – 37

Left - 36

8. PROFILE OF VICE CHANCELLOR / DIRECTOR / PRINCIPAL / FACULTY

i) Name : **DR. OM PRAKASH SHARMA**

ii) Date of Birth: 11.05.1972

iii) Unique ID: 924453201359

iv) Education Qualifications:

- UG - BE (E & TC) 1996, North Maharashtra University, Jalgaon
- PG - ME (Digital Communication) 2001, Jai Narain Vyas University, Jodhpur
- Ph.D.-Wireless Communication, 2010, Malaviya National Institute of Technology, Jaipur

v) Work Experience

- Teaching – 19 years
- Research – 9 Years
- Industry – 1 Year
- Others-Nil



- vi) Area of Specialization – Wireless Communication
- vii) Courses taught at Diploma / Post Diploma / Under Graduate / Post Graduate / Post Graduate Diploma Level
Mobile Communication, Digital Communication, Analog Communication, Satellite Communication, Wireless Communication, Antenna & Wave Propagation
- viii) Research guidance
 - No. of papers published in National / International Journals / Conference – **74**
 - Master - **20**
 - Ph.D. – **01**
- ix) Projects Carried out – 04
- x) Technology Transfer – 00
- xi) Research Publications – **42**
- xii) No. of Books published with details – 01 (Basics of Telemetry and Tele control Engineering, Genius Publication, Jaipur, Rajasthan)

9. FEE

- **Details of fee, as approved by State Fee Committee, for the Institution**

Fees, approved by the State Level Fee Committee, are being charged / collected from the students on semester basis. Tuition Fee for B.Tech. Courses are Rs.40000/- each for 1st & 2nd Semester, Rs.41000/- each for 3rd & 4th Semester, Rs. 42000/- each for 5th & 6th Semester & Rs. 43000/- each for 7th & 8th Semester

- **Time schedule for payment of fee for the entire programme**
Twice in a year i.e. 15th May – 30th June & 15th November – 31st December every year.
- **No. of Fee waivers granted with amount and name of student**
 - DEVANJAN CHATTERJEE ECE (2016-20) – 75% Freeship on basis on merit.
 - Tuition Fee Freeship (Half Freeship) : 27
 - Tuition Fee Freeship (Full Freeship): 63
- **No. of Scholarship offered by the Institution, duration and amount**
 - JIS Internal Scholarship – 67
- **Criteria for Fee Waiver / Scholarship**
Academic Performances, Financial Status of Family, any special achievement record etc
- **Estimated cost of Boarding and Lodging in Hostels**
Rs. 5500/- per month for food and lodging

10. ADMISSION

- **Number of seats sanctioned with the year of approval**

Year of Approval	B.Tech.						M.Tech.		Diploma		Vocational	
	CSE	ECE	EE	CE	ME	AUE	ECE	ME	CE	AUE	B.Voc(EMS)	D.Voc(AS)
2009	60	60			60	60						
2010	60	60			60	60						
2011	60	60	60		60	60						
2012	60	60	60	60	60	60						
2013	60	120	60	60	120	60	18	18				
2014	60	120	60	60	120	60	18	18	60	60		
2015	60	120	60	60	120	60	18	18	60	60		
2016	60	120	60	60	120	60	18	18	60	60		
2017	60	120	60	60	120	60	18	18	60	60		
2018	60	120	60	60	120	60	18	18	60	60	25	25
2019	60	120	60	60	120	60	18	18	60	60	25	25

- Number of students admitted under various categories each year in the last three years

➤ **B.Tech.**

Stream	Intake 2016	Admission 2016	Intake 2017	Admission 2017	Intake 2018	Admission 2018
CSE	60	56	60	60	60	59
ECE	120	91	120	42	120	39
EE	60	17	60	12	60	17
CE	60	16	60	12	60	13
ME	120	36	120	16	120	14
AUE	60	19	60	10	60	11

*Figures shown above are excluded TFW admission

➤ **B.Tech. Lateral Entry**

Stream	Intake 2016	Admission 2016	Intake 2017	Admission 2017	Intake 2018	Admission 2018
CSE	12	2	12	4	12	4
ECE	24	1	24	4	24	0
EE	12	8	12	6	12	9
CE	12	19	12	56	12	49
ME	24	30	24	21	24	18
AUE	12	15	12	13	12	15

*Figures shown above are included previous vacancy

➤ **M.Tech.**

Stream	Intake 2016	Admission 2016	Intake 2017	Admission 2017	Intake 2018	Admission 2018
ECE	18	0	18	0	18	0

ME	18	14	18	3	18	5
----	----	----	----	---	----	---

➤ Diploma

Stream	Intake 2016	Admission 2016	Intake 2017	Admission 2017	Intake 2018	Admission 2018
CE	60	44	60	33	60	41
AUE	60	29	60	55	60	60

*Figures shown above are excluded TFW admission

- **Number of applications received during last two years for admission under Management Quota and number admitted**
No admission under Management Quota for last two academic session.

11. ADMISSION PROCEDURE

- **Mention the admission test being followed, name and address of the Test Agency and its URL (Website)**

Name of Entrance Examination	Website Address
JEE (Main)	www.jeemain.nic.in
WBJEE	www.wbjeeb.in
CEE-AMPAI	www.ampai.in
WBJELET	www.wbjeeb.in
PGET	www.wbut.ac.in
JEXPO	www.webscte.co.in

- **Number of seats allotted to different Test Qualified candidate separately**

Course	Entrance name	% of Seats allotted on sanctioned Intake
B.Tech.	JEE (Main)	70%
	WBJEE	
	CEE-AMPAI	30%
B.Tech. Lateral Entry	WBJELET	100%
M.Tech.	PGET	80%
	CEE-AMPAI MASTERS	20%
Diploma	JEXPO	45%

- **Calendar for admission against Management / Vacant seats:**
 - **Last date of request for applications**
As guided by Higher Education Department, WB, MAKAUT, WB & WBSCTVESD
 - **Last date of submission of applications**
As guided by Higher Education Department, WB, MAKAUT, WB & WBSCTVESD
 - **Dates for announcing final result**

As guided by Higher Education Department, WB, MAKAUT, WB & WBSCTVESD

- **Release of admission list**
As guided and instructed by Higher Education Department, WB, MAKAUT, WB & WBSCTVESD
- **Date for acceptance by the candidate**
As instructed by Higher Education Department, WB, MAKAUT, WB & WBSCTVESD
- **Last date for closing of admission**
As instructed by Higher Education Department, WB, MAKAUT, WB & WBSCTVESD
- **Starting of the Academic session**
An academic calendar mapped as per guidelines of MAKAUT, WB & WBSCTVESD is prepare and religiously followed through out the academic session
- **The waiting list shall be activated only on the expiry of date of main list**
Followed as per the instruction
- **The policy of refund of the fee, in case of withdrawal, shall be clearly notified**
Notified as per the instruction

12. CRITERIA AND WEIGHTAGES FOR ADMISSION

- Describe each criteria with its respective weightages i.e. Admission Test, marks in qualifying examination etc.

Stream	Qualifying Entrance Examination	Academic Qualification required
B.Tech. (All Streams)	WBJEE / JEE (Main) / CEE-AMPAL	Candidates must pass Higher Secondary (10+2) Examination of West Bengal Council of Higher Secondary Education or equivalent examination from a Council/Board recognized by the State Government / Central Government concerned, with Individual pass marks (in both theory & practical wherever applicable) in Physics and Mathematics as compulsory subjects along with Chemistry / Biotechnology / Biology / Computer Science / Computer Application) having minimum of 45% marks in the above subjects taken together (40% for Reserve Category candidates) as well as pass in English with a minimum of 30% marks (for all categories of candidates) in the said qualifying examination. Age restriction-the lower age limit is 17 (seventeen) years as on 31.12.2019.
B.Tech. Lateral Entry (All Streams)	WBJELET	Diploma from any AICTE approved Institution / B.Sc. Degree from any recognized University as defined by UGC having at least 45% marks (40% for Reserve Category) and pass marks in XII standard with Mathematics in case of B.Sc. Degree holders. The students belonging to B.Sc. stream shall have to clear the Engineering Graphics / Engineering Drawing & Engineering Mechanics of the 1st year Engineering programme along with the 2nd year subjects. Age restriction (B.Sc. Degree Holder)- the upper age limit is 27 (twenty seven) years as on 31.12.2019.
M.Tech. (All Streams)	GATE / PGAT-MAKUT, WB / CEE-AMPAL MASTERS	ME - B.E. / B.Tech. In ME / Production Engg or equivalent with minimum of 50% marks. Comm. Engg. - B.E. / B.Tech. in ECE / AEIE / Control & Instrumentation Engg. or M.Sc. In Electronics / Physics (with Electronics specialization) or equivalent* to B.E. / B.Tech. With minimum of 50% marks.
Diploma (All Streams)	JEXPO	10th standard qualified with minimum 35% in aggregate excluding the marks of the subject taken as additional (for Counseling) 10th standard qualified with minimum 35% in aggregate excluding the marks of the subject taken as additional and having 90 or above in Math & Physical Science/Science taken together in case of Direct Admission without JEXPO Rank. Age restriction-the lower age limit is 15 (fifteen) years as on 01.07.2019
B.Voc	N.A	Passed 10+2 level Examination
D.Voc	N.A	Passed 10 th Standard / SSC Examination

- **Mention the minimum level of acceptance, if any**
As per the criteria specified
- **Mention the cut-off levels of percentage and percentile score of the candidates in the admission test for the last three years**

Mode of Admission through Entrance	All India Level Entrance	State level Entrance	Others
Mode of Admission of 2016-2020 BE / B Tech batch (% of batch joining via different Mode of Exams)	JEE: 4.29%	State JEE: 82.43%	Others : 13.28%
JEE Mains Rank	Opening: 338205	Median: 546471	Closing: 933731
JEE Advance Rank	Opening: NA	Median: NA	Closing: NA
State JEE Rank	Opening: 15675	Median: 49493	Closing: 100339
Others- Rank (CEE-AMPAI)	Opening: 75	Median: 695	Closing: 1280
Mode of Admission of 2017-2021 BE / B Tech batch (% of batch joining via different Mode of Exams)	JEE: 4.85%	State JEE: 88.48%	Others : 6.67%
JEE Mains Rank	Opening: 413226	Median: 792774	Closing: 951990
JEE Advance Rank	Opening: NA	Median: NA	Closing: NA
State JEE Rank	Opening: 18109	Median: 47607	Closing: 96915
Others- Rank (CEE-AMPAI)	Opening: 365	Median: 831	Closing: 1003
Mode of Admission of 2018-2022 BE / B Tech batch (% of batch joining via different Mode of Exams)	JEE: 9.38%	State JEE: 84.99%	Others : 5.63%
JEE Mains Rank	Opening: 237945	Median: 557763	Closing: 910660
JEE Advance Rank	Opening: NA	Median: NA	Closing: NA
State JEE Rank	Opening: 24030	Median: 66445	Closing: 102064
Others- Rank (CEE-AMPAI)	Opening: 154	Median: 430	Closing: 825

13. LIST OF APPLICANTS

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

Admission taken on merit basis as per the guidelines specified by Higher Education Department, WB.
No admission taken under Management Quota.

14. RESULT OF ADMISSION UNDER MANAGEMENT SEATS / VACANT SEATS

- **Composition of selection team for admission under Management Quota with the brief profile of members**
No admission taken under Management Quota. Hence not applicable
- **Score of the individual candidate admitted arranged in order of merit**
Process of arrangement of Score in proper order followed
- **List of candidate who have been offered admission**
Admission offered to the eligible candidates based on merit
- **Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate**

Process followed as per the instruction

- **List of the candidate who joined within the date, vacancy position in each category before operation of waiting list**

We entertained the waiting list students on the basis of merit

15. INFORMATION OF INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE

- **Number of Class Rooms and size of each – Diploma** 6 Rooms (89 Sq.m average), **UG** 32 Rooms (84 Sq.m average)
- **Number of Tutorial rooms and size of each – Diploma** 2 Rooms (34.11 Sq.m each), **PG** 4 Rooms(62 Sq.m average), **UG** 8 Rooms (40 Sq.m. average)
- **Number of Laboratories and size of each – Diploma** 6 Lab per course and 1st year lab (91 Sq.m. average), **PG**-4 Lab (90 Sq.m. average), **UG**- 66 lab including 1st year lab (92 Sq.m. average)
- **Number of Drawing Halls with capacity of each –Diploma – 1** (35 students capacity), **UG**-1 (35 students capacity)
- **Number of Computer Centres with capacity of each – 1** (35 students capacity)
- **Central Examination Facility, Number of rooms and capacity – 1** Exam Control Room for UG+PG & Diploma each (Capacity-20)
- **Barrier Free Built Environment for disabled and elderly persons – Available** with all provisions
- **Occupancy Certificate – Available**
- **Fire and Safety Certificate – Applied** to the concerned department
- **Hostel Facility – Available** (Boys and Girls separate accommodation)
- **Library**
- **Number of Library books / Titles/ Journals available (program-wise)**
Title – 3997
Volume-29585
National Journal – 60
International -40
- **List of online National / International journals subscribed**
 - Science Direct (Web of Science)
 - Scopus
- **E-Library facilities – Available**
- **Laboratory & Workshop**
- **List of Major Equipment / Facilities in each Laboratory / Workshop**

Department of Civil Engineering				
Sl. No.	Name of the Courses	Name of the Laboratory	Name of Major Equipment	Quantity
01	B.Tech (Civil)	Concrete Laboratory	Compression testing m/c	01
			Concrete mixer	01
02			VICAT APPARATUS	01

03			COMPACTING FACTOR TEST APPARATUS	01
04			VEE BEE CONSISTOMETER	01
05			REBOUND HAMMER	01
06			DIGITAL M/C UPTO 80 Kg	01
07			DIGITAL M/C UPTO 300 g	01
08			SIEVE SHAKERS	02
09			Le CHATELIERS APPARATUS	01
10			SLUMP CONE APPARATUS	01
11			AIR PERMEABILITY APPARATUS	01
12			WATER BATH	01
13	B.Tech (Civil)	Transportation Engineering Laboratory	IMPACT TEST APPARATUS	01
14			LOS ANGELS TEST APPARATUS	01
15			CBR TEST APPARATUS	01
16			MARSHAL TEST STABILITY APPARATUS	01
17			FLAKINESS AND ELONGATION TEST APPARATUS	01
18			STRIPPING VALUE TEST APPARATUS	01
19			FLASH AND FIRE POINT (PENSKEY MARTEN)APPARATUS	01
20			RING BALL TEST APPARATUS	01
21			HOT PLATE	01
22			THIN FILM OVEN	01
23			SMALL HEATER	01
24			PENETROMETER	01
25			DIGITAL BALANCE UPTO 10 Kg	01
26			DIGITAL BALANCE UPTO 600 g	01
27	B.Tech (Civil)	Environmental lab	Spectrophotometer(Single beam)	01
28			BOD incubator	01
29			Bacteriological Incubator	01
30			Jar Test Apparatus	01
31			COD test apparatus	01
32			Turbidity meter	01
33			pH METER	01
34			Digital Balance	01

35			HOT Air Oven	01
36	B.Tech(Civil)	Soil Mechanics Lab	Core cutting apparatus	01
37			Sand replacement apparatus	01
38			Vane Shear test apparatus	01
39			Unconfined compression test apparatus	01
40			Tri axial test apparatus	01
41			Direct Shear test apparatus	01
42			Standard penetration test apparatus	01
43			Compaction test apparatus	01
44			Permeability test apparatus(constant and variable head)	01
45			Consolidation test apparatus	01
46			Hot Air Oven	01
47			Liquid limit apparatus	01
48			Plastic limit apparatus	01
49			Shrinkage limit apparatus	01
50	B.Tech(Civil)	Surveying Laboratory	Dumpy level	06
51			Auto Level	03
52			Theodolite	02
53			Total Station	01
54			Trough Compass	06
55			Planimeter	02
56			Chain	06
57			Tape	05
58			Plain table	06
59	B.Tech(Civil)	Engineering Geology Lab	Microscope	03
60			Hardness Kit box	30

Department: BSH (Chemistry)				
Sl. No.	Name of the Courses	Name of the Laboratory	Name of Major Equipment	Quantity
1	B.Tech	Chemistry I Lab	pH meter	3
2	B.Tech	Chemistry I Lab	Conductivity meter	3
3	B.Tech	Chemistry I Lab	Electronic balance	2
4	B.Tech	Chemistry I Lab	Chemical balance	5
5	B.Tech	Chemistry I Lab	Hot air oven	2
6	B.Tech	Chemistry I Lab	Mechanical shaker	1
7	B.Tech	Chemistry I Lab	Magnetic stirrer	10
8	B.Tech	Chemistry I Lab	Mantle heater	5
9	B.Tech	Chemistry I Lab	Redwood viscometer	5
10	B.Tech	Chemistry I Lab	Pensky Martens Flash Point Apparatus	5

Department: BSH (Physics)				
Sl. No.	Name of the Courses	Name of the Laboratory	Name of Major Equipment	Quantity
1	B.Tech	Basic Physics Lab	Dispersive power set up	01
2	B.Tech	Basic Physics Lab	Laser power supply	02
3	B.Tech	Basic Physics Lab	Transducer setup	01
4	B.Tech	Basic Physics Lab	J J Thomson Kit	01
5	B.Tech	Basic Physics Lab	Dielectric kit	01
6	B.Tech	Basic Physics Lab	Hall set up	02
7	B.Tech	Basic Physics Lab	Solar cell kit	02
8	B.Tech	Basic Physics Lab	Carey Foster set up	02
9	B.Tech	Basic Physics Lab	Stefan set up	02
10	B.Tech	Basic Physics Lab	Planck set up	01
11	B.Tech	Basic Physics Lab	Lande g factor set up	02
12	B.Tech	Basic Physics Lab	Rydberg set up	01

13	B.Tech	Basic Physics Lab	Band Gap set up	01
14	B.Tech	Basic Physics Lab	Young's Modulus set up	02
15	B.Tech	Basic Physics Lab	Rigidity Modulus set up	02
16	B.Tech	Basic Physics Lab	Viscosity Set up	02
17	B.Tech	Basic Physics Lab	Newton's Ring set up	02
18	B.Tech	Basic Physics Lab	Frank Hertz set up	02

Department: BSH (English)				
Sl. No.	Name of the Courses	Name of the Laboratory	Name of Major Equipment	Quantity
1	Language Laboratory	Language Laboratory (Room No 219,220)	Multimedia Projector	1
2	Technical Report Writing & Lang Lab		Wireless Microphone	1
3	Group Discussion		Microphone	1

Department: Automobile Engineering Department				
Sl. No.	Name of the Courses	Name of the Laboratory	Name of Major Equipment	Quantity
1	B.Tech	Engine Component Laboratory	4 Stroke 4 cylinder Diesel Engine.	1
			4 Stroke 4 cylinder Petrol Engine.	1
			Electronic Ignition System of 2 Wheeler	1
			4-Stroke 4 Cylinder Diesel Engine cut section model	1
			Model of Cooling System	1
			Magneto Ignition System of Two Wheeler	1

			Cut Section of MPFI Pump	1
			Cut Section Model of 2 Stroke Single Cylinder Petrol Engine	1
2	B.Tech	Chassis Component Laboratory	Maruti 800 Car.	1
			Steering system with front axle.	1
			Model of Hydraulic Brake unit.	1
			Five Speed Gear Box.	1
			Rear Axle with Differential.	1
			Steering Gear Assembly.	1
			Tata 407 with all attachment in Cut Section Condition.	1
3	B.Tech	Vehicle Maintenance Laboratory	Pedal Linkage Mechanism.	1
			Drum Brake Model	1
			Disc Brake Model	1
			Multi Cylinder Fuel Injection System (Diesel)	1
			Ambassador Car Door Locks	1
			Ambassador Steering Rack Assembly	1
			Car AC System Unit	1
			Suspension Bush Kit	1
4	B.Tech	Engine Testing & Pollution Measurement Laboratory	3 Cylinder 4 Stroke Petrol Maruti 800 MPFI Engine with Hydraulic Dynamometer.	1
			Diesel Smoke Meter.	1
			Exhaust Gas Analyzer for Petrol.	2
			NO _x Analyzer	1
			Single Cylinder 4 Stroke Diesel Engine With Rope Brake Dynamometer.	1
			Diesel Multi Cylinder Test Rig with Eddy Current Dynamometer.	1
			Petrol Multi Cylinder Test Rig with Eddy Current Dynamometer.	1

			Multi Cylinder Gas Engine with Eddy Current Dynamometer.	1
			Single Cylinder Diesel Engine Performance Test with Electrical Load.	1
			Flash Point and Fire Point Measuring Instrument.	1
			Redwood Viscosity Measurement Meter.	1
5	B.Tech	Auto Scanning Laboratory	Wheel Balancing Machine.	1
			Wheel Alignment Machine Mechanical.	1
			Electronic Wheel Alignment Machine.	1
			Two Wheeler Chassis Dynamometer.	1
			Two Post Lift	1
			Head Light Beam Adjuster.	1
			Digital Barometer.	1
			Tacho Meter.	1

Department: Electronics & Communication Engineering				
Sl. No.	Name of the Courses	Name of the Laboratory	Name of Major Equipment	Quantity
1	B.TECH IN ELECTRONICS & COMMUNICATION ENGINEERING	SIGNALS & SYSTEMS LAB (Odd Semester)	DSP Kit with Code Composer Studio	02
			MATLAB SOFTWARE	15 USERS
SOLID STATE DEVICES LAB (Odd Semester)		Digital storage oscilloscope	01	
		Advanced fiber optic communication trainer	02	
		Bluetooth Technology Trainer	01	
		Mentor Graphics Software	05 users	
2				

3		ANALOG ELECTRONICS LAB (Even Semester)	SPECTRUM ANALYZER	01
			INTELLIGENT UNIVERSAL IC BURNER	01
4		ANALOG & DIGITAL COMMUNICATION LAB (Odd & Even Semester)	DSO	01
			SPECTRUM ANALYZER	02
			SATELLITE TRANSMITTER, EMULATOR, RECEIVER	01
5		DIGITAL SIGNAL PROCESSING LAB (Even Semester)	VLSI Universal Trainer Kit	02
			DSP Kit	02
			MATLAB SOFTWARE	15 USERS
6		VLSI DESIGN LAB (Odd Semester)	TANNER SOFTWARE	10 USERS
			VLSI Universal Trainer Kit	02
7		RF & MICROWAVE ENGG. LAB (Odd Semester)	Microwave Test Bench for Gunn Based	03
			GUN POWER SUPPLY	01
			SWR METER & VSWR METER	02
			SPECTRUM ANALYZER	01
8		EM THEORY & TRANSMISSION LINES LAB (Even Semester)	X BAND filter module	01
			ANTENNA TRAINER X-BAND (HORN ANTENNA)	01
			RF ANTENNA TRAINING SYSTEM	01
			MANUAL ANTENNA	01

			TRAINER	
9			TRANSMISSION LINE TRAINER WITH DISPLAY DEVICE	02
			MANUAL RF ANTENNA	01
			SPECTRUM ANALYZER	01
10		DESIGN LAB (EVEN SEMESTER)	SPECTRUM ANALYZER	01
			INTELLIGENT UNIVERSAL IC BURNER	01
11	PROJECT LAB (Odd & Even Semester)	SPECTRUM ANALYZER	01	
		INTELLIGENT UNIVERSAL IC BURNER	01	

Department: Electrical Engineering				
Sl. No.	Name of the Courses	Name of the Laboratory	Name of Major Equipment	Quantity
1.	B-tech in Electrical Engineering	Basic Electrical Engineering Laboratory	D.C. Generator with Panel	1
2.	B-tech in Electrical Engineering	Basic Electrical Engineering Laboratory	Meter Testing Bench	1
3.	B-tech in Electrical Engineering	Basic Electrical Engineering Laboratory	Calibration RIG for Ammeter and Voltmeter	1
4	B-tech in Electrical Engineering	Electrical Machines Laboratory	D.C. Motor-Generator Set	2
5	B-tech in Electrical Engineering	Electrical Machines Laboratory	Xd&Xq Synchronous Machine with Rheostat, DC Voltage Controller & Panel	1
6	B-tech in Electrical Engineering	Electrical Machines Laboratory	Synchronous machine with Rheostat, Inductive Load, DC Voltage Controller & Panel	1
7	B-tech in Electrical Engineering	Electrical Machines Laboratory	D.C. Compound Generator with Load Box & Panel	1

8	B-tech in Electrical Engineering	Electrical Machines Laboratory	Setup for parallel operation of synchronous generator	1
9	B-tech in Electrical Engineering	Electrical Machines Laboratory	Setup for three phase induction generator	1
10	B-tech in Electrical Engineering	Power System Lab	DC Distribution Network Analyzer	1
11	B-tech in Electrical Engineering	Power System Lab	A, B,C, D Parameter Kit	1
12	B-tech in Electrical Engineering	Power System Lab	Under Voltage Relay	1
13	B-tech in Electrical Engineering	Power System Lab	Earth Fault Relay	1
14	B-tech in Electrical Engineering	Power System Lab	Time Delay Relay	1
15	B-tech in Electrical Engineering	Power System Lab	Over current Relay	1
16	B-tech in Electrical Engineering	Power System Lab	Active-reactive power control of an alternator	1
17	B-tech in Electrical Engineering	Power System Lab	Loss angle and resistivity measurement of insulating oil	1
18	B-tech in Electrical Engineering	Power Electronics Laboratory	PLC Trainer Kit	1
19	B-tech in Electrical Engineering	Power Electronics Laboratory	IoT Trainer Kit	1
20	B-tech in Electrical Engineering	CONTROL SYSTEM LABORATORY	PSIM SOFTWARE	1
21	B-tech in Electrical Engineering	CONTROL SYSTEM LABORATORY	POWER WORLD SIMULATOR	1
22	B-tech in Electrical Engineering	Electric Drives Laboratory	V/F Controller Setup (Trainer Kit & others)	1

Department: Computer Science & Engineering				
Sl. No.	Name of the Courses	Name of the Laboratory	Name of Major Equipment	Quantity
1	B. Tech	Programming Practice lab I (Lab 1)	Computers	39
		Programming Practice lab II (Lab 2)	Computers	39
		Computer Centre (Lab 3)	Computers	40
		Networking & OS lab (Lab 4)	Computers	
		Software Eng Lab (Lab 5)	Computers	40
		Project Lab	Computers	26

Department: Mechanical Engineering				
Sl. No.	Name of the Courses	Name of the Laboratory	Name of Major Equipment	Quantity
1	B. Tech in Mechanical Engineering	Advance Manufacturing Lab	CNC turning	1
			Electro Chemical Machining	1
			Semi Automatic Cylindrical Grinding machine	1
			6 Axis Robotic Arm	1
		Refrigeration and Air Conditioning lab	Windows Air conditioning test	1
2				
3		Applied Mechanics lab	Universal testing Machine	1
4		Metrology Lab	Profile Projector	1

			Tool Maker Microscope	1
5		Fluid Mechanics lab	Francis turbine	1
			Pelton Turbine	1

- List of Experimental Setup in each Laboratory / Workshop

Department: Civil Engineering			
Sl. No.	Name of the Courses	Name of the Laboratory	Details of Experimental Setup
01	B.Tech (Civil)	Concrete Laboratory	Mixed design of concrete
02			Compressive strength of cubes
03			Non destructive test
04			Workability of concrete
05			Consistency of concrete
06			Compacting factor of concrete
07			Specific gravity of aggregate
08			Sieve analysis of aggregate
09			Fineness modulus of aggregate
10			Bulk density of coarse aggregate
11			Bulking of sand
12			Moisture content of sand
13			Specific gravity of cement
14			Initial and final setting time of cement
15			Soundness of cement
16			Normal consistency of cement
17			Compressive strength on cement mortar cubes

Department: Civil Engineering			
Sl. No.	Name of the Courses	Name of the Laboratory	Details of Experimental Setup
01	B.Tech (Civil)	Transportation Engineering Laboratory	Impact value test og aggregates
02			Los-Angeles Abrasion value test of aggregates
03			Water absorption test of aggregates
04			Elongation & Flakiness Index of aggregates
05			Specific gravity of bitumen
06			Penetration test of bitumen
07			Softening point of bitumen
08			Flash and fire point test
09			Stripping value test
10			CBR TEST

11			Marshal stability test
12			Benkelman beam test

Department: Civil Engineering			
Sl. No.	Name of the Courses	Name of the Laboratory	Details of Experimental Setup
01	B.Tech (Civil)	Soil Mechanics Laboratory	Field identification of different types of soil as per Indian standards
02			determination of natural moisture content.
03			Determination of specific gravity of i) Cohesionless ii) cohesive soil
04			Determination of Insitu density by core cutter method & sand replacement method
05			Grain size distribution of cohesionless soil by sieving & finegrained soil by hydrometer analysis
06			Determination of Atterberg's limits (liquid limit, plastic limit & shrinkage limit).
07			Determination of co- efficient of permeability by constant head parameter (coarse grained soil) & variable head parameter (fine grained soil).
08			Determination of compaction characteristics of soil
09	B.Tech (Civil)	Soil Mechanics Laboratory	Determination of unconfined compressive strength of soil Determination
10			Determination of Shear parameter of soil by Direct shear test
11			Determination of undrained shear strength of soil by Vane shear test.
12			Determination of shear parameter of soil by Triaxial test (UU)
13			Standard Penetration Test

Department: Civil Engineering			
Sl. No.	Name of the Courses	Name of the Laboratory	Details of Experimental Setup
01	B.Tech (Civil)	Environmental Engineering	Determination of turbidity for a given sample of water
02			Determination of color for a given sample of water
03			Determination of solids in a given sample of water: Total Solids, Suspended Solids and Dissolved Solids
04			Determination of pH for a given sample of water

05		Laboratory	Determination of concentration of Chlorides in a given sample of water
06			Determination of carbonate, bi-carbonate and hydroxide alkalinity for a given sample of water
07			Determination of hardness for a given sample of water
08			Determination of concentration of Iron in a given sample of water
09			Determination of the Optimum Alum Dose for a given sample of water through Jar Test.
10			Determination of the Residual Chlorine in a given sample of water
11			Determination of the Chlorine Demand for a given sample of water
12			Determination of the Available Chlorine Percentage in a given sample of bleaching powder
13			Determination of amount of Dissolved Oxygen (DO) in a given sample of water
14			Determination of the Biochemical Oxygen Demand (BOD) for a given sample of wastewater
15			Determination of the Chemical Oxygen Demand (COD) for a given sample of wastewater
16			Determination of bacteriological quality of water: presumptive test, confirmative test and Determination of MPN

Department: Civil Engineering			
Sl. No.	Name of the Courses	Name of the Laboratory	Details of Experimental Setup
01	B.Tech (Civil)	Surveying laboratory	Chain surveying
02			Compass surveying
03			Plane Table survey
04			Leveling
05			Contouring
06			Traversing by Using Theodolite
07			Traversing by using Total Station
08			Use of Total Station for leveling and Contouring
09			Setting out of Simple Curves

Department: Civil Engineering			
Sl. No.	Name of the Courses	Name of the Laboratory	Details of Experimental Setup

01	B.Tech (Civil)	Engineering Geology Laboratory	Study of crystals with the help of crystal models
02			Identification of Rocks and Minerals [Hand Specimens]
03			Microscopic study of Rocks and minerals
04			Study of Geological maps, interpretation of geological structures Thickness problems, Bore-hole Problems

Department: BSH (Chemistry)			
Sl. No.	Name of the Courses	Name of the Laboratory	Details of Experimental Setup
1	B.Tech	Chemistry I Lab	Aspirator Bottle
2	B.Tech	Chemistry I Lab	Desiccators
3	B.Tech	Chemistry I Lab	BOD Bottles
4	B.Tech	Chemistry I Lab	Burette, Burette Clamp, Burette Stand
5	B.Tech	Chemistry I Lab	Funnel
6	B.Tech	Chemistry I Lab	Filter Paper
7	B.Tech	Chemistry I Lab	Condenser
8	B.Tech	Chemistry I Lab	Conical flask
9	B.Tech	Chemistry I Lab	Glass rod, Glass dropper
10	B.Tech	Chemistry I Lab	Indicator bottle
11	B.Tech	Chemistry I Lab	Ice bucket
12	B.Tech	Chemistry I Lab	Kipps Apparatus
13	B.Tech	Chemistry I Lab	pH paper
14	B.Tech	Chemistry I Lab	Pipette , Pipette stand
15	B.Tech	Chemistry I Lab	Petri dish
15	B.Tech	Chemistry I Lab	Platinum wire
16	B.Tech	Chemistry I Lab	Separating funnel
17	B.Tech	Chemistry I Lab	Spirit Lamp
18	B.Tech	Chemistry I Lab	Spatula
19	B.Tech	Chemistry I Lab	Specific gravity bottle
20	B.Tech	Chemistry I Lab	Scissor
21	B.Tech	Chemistry I Lab	Stop watch
22	B.Tech	Chemistry I Lab	Stalagmometer
23	B.Tech	Chemistry I Lab	Tripod stand
24	B.Tech	Chemistry I Lab	Tongs
25	B.Tech	Chemistry I Lab	Test tubes , Test tube stand and test tube holder
26	B.Tech	Chemistry I Lab	Tissue paper
27	B.Tech	Chemistry I Lab	Thermometer
28	B.Tech	Chemistry I Lab	Round bottom flask
29	B.Tech	Chemistry I Lab	Rubber tube, rubber bulb

30	B.Tech	Chemistry I Lab	Reflux setup with condenser
31	B.Tech	Chemistry I Lab	Volumetric flask
32	B.Tech	Chemistry I Lab	Wash bottle
33	B.Tech	Chemistry I Lab	Weighing bottle
34	B.Tech	Chemistry I Lab	Watch glass

Department: BSH (Physics)			
Sl. No.	Name of the Courses	Name of the Laboratory	Details of Experimental Setup
1	B.Tech	Basic Physics Lab	Specrometer, Prism, Dischage Tube
2	B.Tech	Basic Physics Lab	Laser source,power supply,grating
3	B.Tech	Basic Physics Lab	Three different transducer,oven
4	B.Tech	Basic Physics Lab	J J Thomson set
5	B.Tech	Basic Physics Lab	Function generator,different dielectric material,screw gauge,slide calliperse
6	B.Tech	Basic Physics Lab	Power supply,probe,hall set up,gauss meter,electro magnet
7	B.Tech	Basic Physics Lab	Photocell kit, chpoer areas, colour filters,multimeter,resitance box
8	B.Tech	Basic Physics Lab	Power supply,commutator,ammeter,resistance box,unknown resistance,meter bridge
9	B.Tech	Basic Physics Lab	Diode valve, full kit
10	B.Tech	Basic Physics Lab	Full kit, colour filter
11	B.Tech	Basic Physics Lab	C.R.O,ESR Set up, Helmholtz coil
12	B.Tech	Basic Physics Lab	Specrometer, Grating, Dischage Tube
13	B.Tech	Basic Physics Lab	Oven, Bnad gap full kit, Ge semiconductor
14	B.Tech	Basic Physics Lab	Travelling Microscope,screw gauge,slide calliperse,bar,weight,hanger,two Knife edges
15	B.Tech	Basic Physics Lab	Weight box, three sample,cradle box,stop watch,screw gauge,slide calliperse
16	B.Tech	Basic Physics Lab	Capillary tube,viscosity set up,Travelling Microscope,Stop watch,Ruber tubes
17	B.Tech	Basic Physics Lab	Travelling Microscope,Converging Lens,plane mirror,sodium vapour lamp
18	B.Tech	Basic Physics Lab	Frank Hertz set up

Department: BSH (English)			
Sl. No.	Name of the Courses	Name of the Laboratory	Details of Experimental Setup
1	Group Discussion	Language Laboratory	Round Table with Chairs
2	Technical Report	do	do

	Writing & Lang Lab		
--	--------------------	--	--

Department: Automobile Engineering Department			
Sl. No.	Name of the Courses	Name of the Laboratory	Details of Experimental Setup
1	B.Tech	Engine Component Laboratory	4 Stroke 4 cylinder Diesel Engine.
			4 Stroke 4 cylinder Petrol Engine.
			Electronic Ignition System of 2 Wheeler
			4-Stroke 4 Cylinder Diesel Engine cut section model
			Model of Cooling System
			Magneto Ignition System of Two Wheeler
			Cut Section of MPFI Pump
			Cut Section Model of 2 Stroke Single Cylinder Petrol Engine
2	B.Tech	Chassis Component Laboratory	Maruti 800 Car.
			Steering system with front axle.
			Model of Hydraulic Brake unit.
			Five Speed Gear Box.
			Rear Axle with Differential.
			Steering Gear Assembly.
			Tata 407 with all attachment in Cut Section Condition.
3	B.Tech	Vehicle Maintenance Laboratory	Pedal Linkage Mechanism.
			Drum Brake Model
			Disc Brake Model
			Multi Cylinder Fuel Injection System (Diesel)
			Ambassador Car Door Locks
			Ambassador Steering Rack Assembly
			Car AC System Unit
			Suspension Bush Kit
4	B.Tech	Engine Testing & Pollution Measurement Laboratory	3 Cylinder 4 Stroke Petrol Maruti 800 MPFI Engine with Hydraulic Dynamometer.
			Diesel Smoke Meter.
			Exhaust Gas Analyzer for Petrol.
			NO _x Analyzer
			Single Cylinder 4 Stroke Diesel Engine With Rope Brake Dynamometer.
			Diesel Multi Cylinder Test Rig with Eddy Current Dynamometer.
			Petrol Multi Cylinder Test Rig with

			Eddy Current Dynamometer.
			Multi Cylinder Gas Engine with Eddy Current Dynamometer.
			Single Cylinder Diesel Engine Performance Test with Electrical Load.
			Flash Point and Fire Point Measuring Instrument.
			Redwood Viscosity Measurement Meter.
5	B.Tech	Auto Scanning Laboratory	Wheel Balancing Machine.
			Wheel Alignment Machine Mechanical.
			Electronic Wheel Alignment Machine.
			Two Wheeler Chassis Dynamometer.
			Two Post Lifter
			Head Light Beam Adjuster.
			Digital Barometer.
			Tacho Meter.

Department: Electronics & Communication Engineering				
Sl. No.	Name of the Courses	Name of the Laboratory	Details of Experimental Setup	
			Name of Equipment	Quantity
1	B.TECH	ELECTRONICS DEVICES LAB (Odd Semester)	CRO	9
			FUNCTION GENERATOR	6
			VARIABLE & FIXED DC POWER SUPPLY	16
			Oscilloscope demonstrator	1
			TRAINER KIT	6
2		SIGNALS & SYSTEMS LAB (Odd Semester)	PCs	39
			DSP Kit	02
3		SOLID STATE DEVICES LAB (Odd Semester)	Digital storage oscilloscope	1
			Cathode ray oscilloscope	6
			Dc power supply	6
			Function generator	7
			Advanced fiber	2

			optic communication trainer	
4			Bluetooth Technology Trainer	1
			PCs with Mentor Graphics Software	5 PCs with 5 users
		ANALOG ELECTRONICS LAB (Even Semester)	CRO	12
			FUNCTION GENERATOR	8
			VARIABLE & FIXED DC POWER SUPPLY	13
			PULSE GENERATOR	4
			RPS METER	3
			SPECTRUM ANALYZER	1
			DSO	1
			A.C. MILI VOLTMETER	1
INTELLIGENT UNIVERSAL IC TESTER			1	
OP-AMP TRAINER KIT			1	
5		EM THEORY & TRANSMISSION LINES LAB (Even Semester)	ANTENNA TRAINER X-BAND (HORN ANTENNA)	01
			RF ANTENNA TRAINING SYSTEM	01
			MANUAL ANTENNA TRAINER	01
			TRANSMISSION LINE TRAINER WITH DISPLAY DEVICE	02
			MANUAL RF ANTENNA	01
			SPECTRUM ANALYZER	01
			STEPPER MOTOR CONTROLLER	01
			ANTENNA COMPONENTS	01
	CRO		04	

			FUNCTION GENERATOR	01
			DC POWER SUPPLY	03
6		DIGITAL ELECTRONICS & INTEGRATED CIRCUITS LAB (Odd Semester)	CRO	1
			DC POWER SUPPLY	6
			TRAINER KIT	20
			Analog & Digital IC Tester	2
			8 Bit Data Switch	4
7		ANALOG & DIGITAL COMMUNICATION LAB (Odd & Even Semester)	TRAINER KIT	24
			CRO	9
			DSO	1
			VARIABLE & FIXED DC POWER SUPPLY	5
			FUNCTION GENERATOR	3
			VARIABLE DATA GENERATOR 8 BIT	2
			DISTORTION METER	2
			SPECTRUM ANALYZER	2
			OUTPUT POWER METER	2
			SATELLITE TRANSMITTER, EMULATOR, RECEIVER	1
8		MICROPROCESSOR & MICROCONYROLLER LAB (Odd Semester)	Microprocessor Trainer kit	20
			Microcontroller Trainer kit	4
			Stepper Motor Interface	1
			Analog & Digital IC Tester	2
			CRO	1
			DC POWER SUPPLY	6
9		DIGITAL SIGNAL PROCESSING LAB (Even Semester)	PCs	39
			VLSI Universal Trainer Kit	02
			DSP Kit	02
10		VLSI DESIGN LAB (Odd Semester)	PCs	39
			VLSI Universal Trainer Kit	02

11		RF & MICROWAVE ENGG. LAB (Odd Semester)	Microwave Test Bench for Gunn Based	03
			GUN POWER SUPPLY	01
			SWR METER & VSWR METER	04
			SPECTRUM ANALYZER	01
			X BAND filter module	01
			GUNN POWER SUPPLY	02
			KLYSTRON TEST BENCH	02
			KLYSTRON POWER SUPPLIER	02
			Microwave Test Bench, KLYSTRON BASED	01
			KLYSTRON POWER SUPPLIER	01
			CRO	04
			FUNCTION GENERATOR	01
			DC POWER SUPPLY	03
			CRO	12
12		DESIGN LAB (Even Semester)	FUNCTION GENERATOR	8
			VARIABLE & FIXED DC POWER SUPPLY	13
			PULSE GENERATOR	4
			RPS METER	3
			SPECTRUM ANALYZER	1
			DSO	1
			A.C. MILI VOLTMETER	1
			INTELLIGENT UNIVERSAL	1
			OP-AMP TRAINER KIT	1
			CRO	12
13		PROJECT LAB (Odd & Even Semester)	FUNCTION GENERATOR	8

			VARIABLE & FIXED DC POWER SUPPLY	13
			PULSE GENERATOR	4
			RPS METER	3
			SPECTRUM ANALYZER	1
			DSO	1
			A.C. MILI VOLTMETER	1
			INTELLIGENT UNIVERSAL	1
			OP-AMP TRAINER KIT	1

Department: Electrical Engineering			
Sl. No.	Name of the Courses	Name of the Laboratory	Details of Experimental Setup
1.	B-tech in Electrical Engineering	Basic Electrical Engineering Laboratory	Experimental Setup for Single Phase Transformer
2.			Experimental Setup for V-I Characteristics of Tungsten & Carbon Lamp
3.			Experimental Setup for Fluorescent Lamp Setup
4.			D.C. Motor-Generator with Panel

5.			D.C. Motor set up with Panel
6.			3 Phase Power measurement by Two Wattmeter Method Setup
7.			RLC Circuit set up with Panel
8.			Meter Testing Bench
9.			Trainer Kit for Fusing Time Current
10.			Digital Multimeter
11.			Rectifier
12.			Calibration RIG
13.			Network Theorem Trainer Kit
14.			Voltmeter
15.			Digital Tachometer
16.			Ammeter

17.			AC Variac
18.			Megger
19.			Tounge Tester
20.			Wattmeter
21.			Power Factor Meter
22.			Energy Meter
23.			Variable DC Power Supply
24	B.Tech(EE)	Electric & Electronic Measurement Lab	Meter Demonstrator
25	B.Tech(EE)		DC Potentiometer & Calibration of Voltmeter and Ammeter by DC Potentiometer
26	B.Tech(EE)		Single Phase Energy Meter Demonstrator with Analog& digital
27	B.Tech(EE)		Kelvin Double Bridge
28	B.Tech(EE)		Power Measurement by Two Wattmeter Method
29	B.Tech(EE)		Wein Bridge Oscillator
30	B.Tech(EE)		De Sauty Bridge
31	B.Tech(EE)		Anderson Bridge
32	B.Tech(EE)		DC voltage Supply
33	B.Tech(EE)		Function Generator
34	B.Tech(EE)		CRO
35	B.Tech(EE)		DC & AC Bridge Circuit Experiment
36	B.Tech	Electrical Machines Laboratory	<u>EE 491</u> 1. Study of the characteristics of a separately excited DC generator. 2. Study of the characteristics of a DC motor 3. Study of methods of speed control of DC motor 4. Study of the characteristics of a compound DC generator (short shunt). 5. Measurement of speed of DC series motor as a function of load torque. 6. Study of equivalent circuit of a single phase transformer. 7. Polarity test on a single phase transformer

			& study of different connections of three phase transformer. 8. Study of equivalent circuit of three phase Induction motor by no load and blocked rotor test. 9. Study of performance of wound rotor Induction motor under load. 10. Study of performance of three phase squirrel- cage Induction motor –determination of iron-loss, friction & windage loss. 11. Characteristics of three phase induction generator. <u>EE-591</u> 1. Different methods of starting of a 3 phase Cage Induction Motor & their comparison [DOL, Auto transformer & Star-Delta] 2. Speed control of 3 phase squirrel cage induction motor by different methods & their comparison [voltage control & frequency control]. 3. Speed control of 3 phase slip ring Induction motor by rotor resistance control. 4. Determination of regulation of Synchronous machine by a. Potier reactance method. b. Synchronous Impedance method. 5. Determination of equivalent circuit parameters of a single phase Induction motor. 6. Load test on single phase Induction motor to obtain the performance characteristics. 7. To determine the direct axis resistance $[X_d]$ & quadrature reactance $[X_q]$ of a 3 phase synchronous machine by slip test. 8. Load test on wound rotor Induction motor to obtain the performance characteristics. 9. To make connection diagram to full pitch & fractional slot winding of 18 slot squirrel cage Induction motor for 6 poles & 4 pole operation.
--	--	--	---

			10. To study the performance of Induction generator. 11. Parallel operation of 3 phase Synchronous generators. 12. V-curve of Synchronous motor
37	B-tech in Electrical Engineering	Power System Lab	DC Distribution Network Analyzer
38			A, B,C, D Parameter Kit
39			Earth Tester
40.			Oil Testing Machine
41			Experimental SetupStudy of different types of Insulators
42			Solid Insulating Material
43			Under Voltage Relay
44			Earth Fault Relay
45			CT and PT
46			Time Delay Relay
47			Over current Relay
48			Active-reactive power control of an alternator

49			Loss angle and resistivity measurement of insulating oil
50		Power Electronics Laboratory	<u>EE-693</u> 1. Study of the characteristics of an SCR. 2. Study of the characteristics of a Triac 3. Study of different triggering circuits of an SCR 4. Study of firing circuits suitable for triggering SCR in a single phase full controlled bridge. 5. Study of the operation of a single phase full controlled bridge converter with R and R-L load. 6. Study of performance of single phase half controlled symmetrical and asymmetrical bridge converters. 7. Study of performance of step down chopper with R and R-L load. 8. Study of performance of single phase controlled converter with and without source inductance (simulation) 9. Study of performance of step up and step down chopper with MOSFET, IGBT and GTO as switch (simulation). 10. Study of performance of single phase half controlled symmetrical and asymmetrical bridge converter.(simulation) 11. Study of performance of three phase controlled converter with R & R-L load. (simulation) 12. Study of performance of PWM bridge inverter using MOSFET as switch with R and R-L load. 13. Study of performance of three phase AC

			controller with R and R-L load (simulation) 14. Study of performance of a Dual converter. (simulation) 15. Study of performance of a Cycloconverter (simulation)
51	B.TECH	CONTROL SYSTEM LABORATORY	LINEAR SYSTEM SIMULATOR
52	B.TECH		PID CONTROLLER
53	B.TECH		D.C.POSITION CONTROL
54	B.TECH		C.R.O
55	B.TECH		PSIM SOFTWARE
56	B.TECH		POWER WORLD SIMULATOR
57	B.TECH		COMPUTERS

58	B.Tech	Electric Drives Laboratory	1. Study of thyristor controlled DC Drive. 2. Study of Chopper fed DC Drive 3. Study of AC Single phase motor-speed control using TRIAC. 4. PWM Inverter fed 3 phase Induction Motor control using PSPICE / MATLAB / PSIM Software. 5. VSI / CSI fed Induction motor Drive analysis using MATLAB/DSPICE/PSIM Software. 6. Study of V/f control operation of 3Φ induction motor drive. 7. Study of permanent magnet synchronous motor drive fed by PWM Inverter using Software. 8. Regenerative / Dynamic braking operation for DC Motor - Study using software. 9. Regenerative / Dynamic braking operation of AC motor - study using software. PC/PLC based AC/DC motor control operation.
----	--------	----------------------------	---

Department: Computer Science & Engineering			
Sl. No.	Name of the Courses	Name of the Laboratory	Details of Experimental Setup
1	B.Tech	Lab 1	C Programming Java programming VB Programming Software Eng Programming
		Lab 2	C Programming Java programming VB Programming, DBMS Programming
		Lab 3	C Programming Java programming VB Programming, DBMS Programming
		Lab 4	Shell Programming, OS Programming , Networking, DBMS
		Lab 5	DBMS, C programming, C++ , Software Eng..

Name of the Department: Mechanical Engineering			
SL no	Name of the Course	Name of the laboratory	Details of the Experimental Setup
1.	B.Tech in Mechanical Engineering	Applied Thermodynamics and Heat Transfer Lab	Thermal Conductivity of Metal bar Apparatus
			Thermal Conductivity of an insulating material apparatus
			Emissivity Measurement Apparatus
			Heat Transfer in natural convection Apparatus
			Heat Transfer in forced convection Apparatus
			Shell and Tube Heat Exchanger Apparatus
			Two cylinder single Phase Air Compressor Test Rig Apparatus
			Apparatus for determination of dryness fraction of steam by combined separating and throttling calorimeter
			PIN-FIN Apparatus
			Stefan Boltzman Apparatus
			Concentric Heat Exchanger
			Parallel Flow & Counter Flow Heat Exchanger
			Apparatus for Measuring Thermal Conductivity of Liquid
			Boiling Heat Transfer Apparatus
2.		Fluid Mechanics Lab	V-Notch Tank Apparatus
			Closed Circuit Pitot Tube Apparatus
			Closed Circuit Bernoulli's Theorem Apparatus
			Venturimeter & Orifice meter Test Rig
			Apparatus for frictional loss study in pipe lines
			Multispeed Single Stage Centrifugal Pump Test Rig Apparatus
			Closed Circuit Reynolds's Apparatus

			Apparatus for Measurement of Coefficient of Discharge, Contraction and Velocity
			Closed Circuit Jet Pump Test Rig Apparatus
			Air Compressor Test Rig
			Apparatus for performance characteristics study of Jet on Vane.
			Francis Turbine Test Rig Apparatus
			Pelt on Wheel Turbine Test Rig Apparatus
3		Strength of Material Lab	Impact Testing Machine
			Fatigue Testing Machine
			Jomney End Quenching Apparatus
			Furnace for heat treatment
			Specimen cut-off machine
			Hydraulic Semi-automatic specimen mounting
			Magnetic Crack Detector
			Couping Test Equipment
			Microscope (Binoculars)
			Double Disc Polishing & Grinding Machine
			Rotary Grinder Linisher Belt Grinder
			Spring Testing Machine
			Universal Testing Machine
			Torsion Testing Machine
			Rock Well cum Brinnel Hardness Tester
			Co-efficient of friction Measurement Apparatus
4		Metrology and Measurement Lab	Moment Apparatus
			Profile Projector
			Vernier Height Gauge
			Dial Bore Gauge
			Anemometer

			Surface roughness tester
			Strain Gauge
			Digital Vernier Caliper
			Dial Vernier Caliper
			Blade Micrometer
			Outside Micrometer
			Digital Outside Micrometer
			Internal Micrometer
			Thread Micrometer (1.0-1.75 mm)
			Thread Micrometer (0-25mm)
			Depth Micrometer
			Torque Wrench
			Dial Gauge (0-20mm)
			Dial Gauge (0-10mm)
			Feeler Gauge
			Screw Pitch Gauge
			Adjustable Snap Gauge
			Adjustable Snap Gauge
			Thread Ring Gauge (M10X1.5mm)
			Thread Ring Gauge (M10x115mm)
			Plain plug Gauge (10mm)
			Plain plug Gauge (20mm)
			Thread Plug Gauge
			Wire Gauge
			Radius Gauge
			Magnetic Stand
			Bevel Potractor
			Optical Flat
			Surface Plate
			Try Square
			Vblock
			Mechanical Comparator
			Digital Tachometer
			Thermometer

			Measurement Tape
			Steel Scale
			Gear Tooth Vernier Caliper
			Spirit Level
			Poldi Hardness Tester
			Shore A Hardness Tester
			Toolmaker Microscope
5		Dynamics of Machine Lab	Universal Vibration Apparatus with a controller box.
			Static & Dynamic Balancing Apparatus with a controller box.
			Apparatus for Balancing of Reciprocating Masses with a controller box.
			Universal Governor Equipment with a controller box.
			Gyroscope Equipment with a controller box.
			Cam Apparatus with a controller box.
			Spring Balance (Min 500gm/ Max 10 Kg).
6		Air Conditioning and Refrigeration Lab	Cooling Tower Test Rig Apparatus
			Vapor Absorption Refrigeration Test Rig Apparatus
			Refrigeration Test Rig Apparatus
			Air Conditioning Test Rig Apparatus
7		Advanced Manufacturing Lab	CNC Lathe Machine
			Electro Chemical Machine
			Geometry of Robot Manipulator
8		Manufacturing Technology Lab	Permeability Meter
			Mould Hardness Tester Machine
			Sand Rammer
			Grain Fineness Machine

9.			Moisture Teller
			Aluminium Melting Electric Furnace
		Workshop Practice lab	Forging Muffle Electric Furnace
			Anvil
			Swage Block
			MIG Welding
			Central Lathe Cone Pulley
			Central Lathe All Gear.
			Bench Drill Machine
			Radial Drill Machine
			Universal Milling Machine
			Shaping Machine
			Cylindrical Grinding Machine
			Bench Grinder Machine
			Power Hacksaw Machine
			Hand Grinder Machine
			ESAB Compact Arc Welding Set Up
			Spot Welding Machine
			Arc Welding Transformer (250 Amp)
			Gas Welding Set Up
			Wood Turning Lathe
			Surface Planner
			Sander
			Circular Saw
			Carpentry Vice 9"
			Carpentry Vice 4"
			Bench Vice 6"

- **Computing Facilities**

- **Internet Bandwidth** – 100 Mbps
- **Number and configuration of System** – 541 (i3, 6th Gen, 4GB, 1TB)
- **Total Number of system connected by LAN**- 541
- **Total Number of system connected by WAN** – 01
- **Major Software packages available** – 11
- **Special purpose facilities available** – Online Fees payment module, Online Feedback System, Online Grievance Redressal

- **Innovation Cell** – Available
- **Social Media Cell** – Available
- **Compliance of the National Academic Depository (NAD), applicable to PGCM / PGDM Institutions and University Departments-** Not applicable
- **List of facilities available**
 - **Games and sports facilities** – Indoor (Table Tennis, Carrom, Chess etc); Outdoor (Volley ball, Cricket, Football etc)
 - **Extra-Curricular Activities** – Social work (Visiting slum areas, orphanages, Blood donation, Support in Natural Calamity)
 - **Soft Skill Development Facilities** – All programmes such as Verbal, Quant, GD & PI, Reasoning, Aptitude are provided to the students as in house programme embedded in the regular academics free of cost.
- **Teaching Learning Process**
 - **Curricula and syllabus for each of the programmes as approved by the University** – As per the University guidelines and norms, available on website
 - **Academic Calendar of the University** – Schedule followed as prescribed by the University
 - **Academic Time Table with the name of the Faculty members handling the course** – Available, religiously adhered as per teaching scheme of University /Council
 - **Teaching load of each Faculty** – 22 (including Lecture, Tutorial and Practical including seminar and project)
 - **Internal Continuous Evaluation System and place** – Process followed as per ordinance of University
 - **Student's assessment of Faculty, System in place** – Periodic feedback of students in reference to all teaching faculties taking academic load is taken at the end of every semester.
- **For each Post Graduate Courses give the following:**
 - **Title of the Course** – **M.Tech. ECE** (Specialization in Communication Engineering) & **M.Tech. ME** (Specialization in Manufacturing Technology)
 - **Curricula and Syllabi** – Followed as prescribed by the University
 - **Laboratory facilities exclusive to the Post Graduate Course-** State of Art laboratories available as per scheme and syllabus of University
 - **Special purpose**
 - **Software, all design tools in case-** Available as per norms
 - **Academic Calendar and frame work** – A separate academic calendar mapping with University Academic Calendar is prepared and religiously adhered.

16. ENROLLMENT OF STUDENTS IN THE LAST 3 YEARS

Details mentioned under point no. 10

17. LIST OF RESEARCH PROJECT / CONSULTANCY WORKS

- **Number of Projects carried out, funding agency, grant received:** N.A.
- **Publications (if any) out of research in last three years out of masters projects-** 05
- **Industry Linkage-** Industry Institute Tie up in Automobile Engineering sector, COE in IOT & Cloud Computing

- MoUs with Industries – Ashok Leyland & Hyundai Motors

18. LOA AND SUBSEQUENT EOA TILL THE CURRENT ACADEMIC YEAR

- 1st approval from AICTE



आयुक्त भारतीय तकनीकी शिक्षा परिषद्
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
 (भारत सरकार का एक सांविधिक निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)

F.No. 06/07/Assam/Engg./2009/03
June 9, 2009

Letter of Approval

To,

The Principal Secretary,
Department of Higher Education
Govt. Of West Bengal
Bikas Bhawan, Kolkata-700 091

Sub: AICTE approval to JIS Foundation, 7 Sarat Bose Road, Dwarka Building 1st floor Kolkata-700 020 West Bengal for establishment of Dr. Sudhir Chandra sur Degree Engineering College and Sports Complex Campus Mouza Kalidaha P.S.-Dum West Bengal.

Sir,

As per the Regulations notified by the Council vide F. No. 37-3/Legal/2004 dated 14TH September 2006 and norms, standards, procedures and conditions prescribed by the Council from time to time and based on the recommendations of the Expert Committee and EC Sub Committee, I am directed to convey the approval of the Council to JIS Foundation, 7 Sarat Bose Road, Dwarka Building 1st floor Kolkata-700 020 West Bengal for establishment of Dr. Sudhir Chandra sur Degree Engineering College and Sports Complex Campus Mouza Kalidaha P.S. Dum West Bengal for conduct of the following courses and intake.

S.No.	Name of the Course	Intake
1.	Computer Science & Engineering	60
2	Electronics & Communication Engineering	60
3	Automobile Engineering	60
4	Mechanical Engineering	60
Total		240

The approval is valid for two years from the date of issue of this letter. The Society/Trust/Institution shall obtain necessary affiliation/ permission from the concerned affiliating University. as per the prescribed schedule of the University/ Admission Authority etc. The Applicant Society/Trust/Institution shall send information about commencement of the above courses to AICTE. In case the Institution could not commence the above mentioned courses for whatsoever reasons during the two years period from the date of issue of this letter, the approval becomes invalid and the applicant society/trust shall have to make fresh application to AICTE for grant of fresh approval.

The approval is further subject to fulfillment of following conditions.

1. That the management shall provide adequate funds for development of land and building and for providing related infrastructural, instructional and other facilities as per Council's norms and standards laid down by the Council from time to time and for meeting recurring expenditure.
2. (a) That the admissions shall be made only after adequate infrastructure and all other facilities are provided as per norms and guidelines of the AICTE.
 (b) That the admissions shall be made in accordance with the regulations notified by the Council from time to time.
 (c) That the admissions to the courses shall be made only after the affiliating University /University under whose ambit the institution is functioning / State Board has given permission to start the course.
~~(d) That the Institution shall not allow closure of the Institution or discontinuation of the course(s) or start any new course (s) or alter intake capacity of seats without the prior approval of the Council.~~

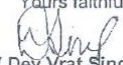
7वीं तल, चन्द्रलोक भवन, जनपथ नई दिल्ली-110001
 7th Floor, Chander Lok Building, Janpath, New Delhi-110001
 Phone : 011-23724151-57 Fax : 011-23724183 Website : www.aicte.ernet.in

- (e) That no excess admissions shall be made by the Institution over and above the approved intake under any circumstances.
- (e) That the institutions shall not have any collaborative arrangements with any Indian and/or Foreign Universities for conduct of technical courses other than those approved by AICTE without obtaining prior approval from AICTE.
- (f) That the Institution shall not allow conduct of any unapproved course whether technical or non technical in the premises of AICTE approved institution/campus and /or in the name of the Institution without prior permission from AICTE.
3. That the institution shall operate only from the approved location, and that the institution shall not open any off campus study centers/ extension centers directly or in collaboration with any other institution/ university/ organization for the purpose of imparting technical education without obtaining prior approval from the AICTE.
4. That the tuition and other fees shall be charged as prescribed by the Competent Authority within the overall criteria prescribed the Council from time to time. No capitation fee shall be charged from the students/guardians of students in any form.
5. That the accounts of the Institution shall be audited annually by a certified Chartered Accountant and shall be open for inspection by the Council or any body or person authorized by it.
6. That the Director/Principal and the teaching and other staff shall be selected according to procedures, qualifications and experience prescribed by the Council from time to time and pay scales are paid as per the norms prescribed by the Council for time to time.
7. (a) That the institution shall furnish requisite returns and reports as desired by AICTE in order to ensure proper maintenance of administrative and academic standards.
- (b) That the technical institution shall publish an information booklet before commencement of the academic year giving details regarding the institution and courses/programmes being conducted and details of infrastructural facilities including faculty etc. in the form of mandatory disclosure. The information booklet may be made available to the stakeholders of the technical education on cost basis. The mandatory disclosure information shall be housed in the Institution Web-Site. The information shall be revised every year with updated information about all aspects of the institution.
- (c) That it shall be mandatory for the technical institution to maintain a web-site providing the prescribed information. The website information must be continuously updated as and when changes take place.
- (d) That a compliance report in the prescribed format along with mandatory disclosure on fulfillment of the above conditions, shall be submitted each year by the Institution within the time limit prescribed by the Council from time to time.
- (e) That if Technical Institution fails to disclose the information or suppress and/or misrepresent the information, appropriate action could be initiated including withdrawal of AICTE approval.
8. That all the laboratories, workshops etc. shall be equipped as per the syllabi of the concerned affiliating University /University under whose ambit the institution is functioning, and shall be in operational condition before making admissions.
9. That a library shall be established with adequate number of titles, books, journals (both Indian & Foreign) etc as per AICTE norms.
10. That a computer center with adequate number of terminals, Printers, legal software etc. shall be established as per AICTE norms.
11. That a Joint FDR is required to be created for an amount and period prescribed by the Council from time to time.

Rajni
09-6-2009

12. AICTE may carry out random inspections round the year any time for verifying the status of the Institutions to ensure maintenance of norms and standards.
13. That the AICTE may also conduct inspections with or without notifying the dates to verify specific complaints of mis-representation, violation of norms and standards, mal-practices etc.
14. That the Institution by virtue of the approval given by Council shall not automatically become claimant to any grant-in-aid from the Central or State Government.
15. The Institute shall take appropriate measures for prevention of ragging in any form, in the light of directions of Supreme Court of India in Writ Petition No. © 656/1998. Incase of failure to prevent the instances of ragging by the Institutions, the Council shall take appropriate action including withdrawal of approval.
16. That the Management shall strictly follow further conditions as may be specified by the Council from time to time.
17. In the event of non-compliance by the **Dr. Sudhir Chandra sur Degree Engineering College and Sports Complex Campus Mouza Kalidaha P.S. Dum West Bengal** with regard to guidelines, norms and conditions prescribed from time to time the Council shall be free to take measures for withdrawal of its approval or recognition, without consideration of any related issues and that all liabilities arising out of such withdrawal would solely be that of the **Dr. Sudhir Chandra sur Degree Engineering College and Sports Complex Campus Mouza Kalidaha P.S. Dum West Bengal**.

Yours faithfully,


(Dev Vrat Singh)
Adviser (E&T)
09-6-2007

Copy to:

1. DIRECTOR OF TECHNICAL EDUCATION,
GOVT. OF West Bengal,
Bikas Bhawan 10th Floor, East Block,
Salt Lake City, Kolkata-700 091
- (He is requested to kindly monitor the compliance with the conditions as laid down in this approval letter and keep the AICTE informed of the same.)
2. THE REGISTRAR,
West Bengal University of Technology
BF-142, Sector-1 Salt Lake City, Kolkata-700 064
3. The Regional Officer AICTE, Eastern Regional Office AICTE, College of Leather Technology
Campus Salt Lake City, Sector-III Kolkata-700 098.
4. THE Pricipal/Director
**Dr. Sudhir Chandra sur Degree Engineering College
and Sports Complex Campus Mouza Kalidaha
P.S. Dum West Bengal**

(You Are Required To Submit Compliance Report As Per AICTE Requirements)

5.  The President/Chairman
JIS Foundation, 7 Sarat Bose Road,
Dwarka Building 1st floor
Kolkata-700 020 West Bengal

6. Guard File, AICTE

- Current approval from AICTE

All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



APPROVAL PROCESS 2019-20

Extension of Approval (EoA)

F.No. Eastern/1-4260061386/2019/EOA

Date: 10-Apr-2019

To,

The Secretary (Technical education)
Govt. of West Bengal,
Bikash Bhawan, Room No. 602,
6th Floor Salt Lake, Kolkata-700091

Sub: Extension of Approval for the Academic Year 2019-20

Ref: Application of the Institution for Extension of approval for the Academic Year 2019-20

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2018 notified by the Council vide notification number F.No.AB/AICTE/REG/2018 dated 31/12/2018 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-6349626	Application Id	1-4260061386
Name of the Institute	DR. SUDHIR CHANDRA SUR DEGREE ENGINEERING COLLEGE	Name of the Society/Trust	JIS FOUNDATION
Institute Address	MOUZA-- KALIDHAHA, P.S.- DUMDUM, KOLKATA, WEST BENGAL, KOLKATA, KOLKATA, West Bengal, 700074	Society/Trust Address	7, SARAT BOSE ROAD, KOLKATA, KOLKATA, West Bengal, 700020
Institute Type	Unaided - Private	Region	Eastern

Opted for Change from Women to Co-Ed and vice versa	No	Change from Women to Co-Ed and vice versa Approved or Not	NA
Opted for Change of Name	No	Change of Name Approved or Not	NA
Opted for Change of Site/Location	No	Change of Site/Location Approved or Not	NA
Opted for Conversion from Degree to Diploma or vice versa	No	Conversion for Degree to Diploma or vice versa Approved or Not	NA
Opted for Organization Name Change	No	Change of Organization Name Approved or Not	NA
Opted for Merger of Institution	No	Merger of Institution Approved or Not	NA
Opted for Introduction of New Program/Level	No	Introduction of Program/Level Approved or Not	NA

To conduct following Courses with the Intake indicated below for the Academic Year 2019-20

Program	Shift	Level	Course	FT/PT+	Affiliating Body (Univ/Body)	Intake Approved for 2019-20	NRI Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status
Engineering And Technology	2nd	Diploma	Automobile Engineering	FT	West Bengal State Council of Technical Education, Kolkata	60	NA	NA
Engineering And Technology	2nd	Diploma	Civil Engineering	FT	West Bengal State Council of Technical Education, Kolkata	60	NA	NA
Engineering And Technology	1st	Under Graduate	Automobile Engineering	FT	Maulana Abul Kalam Azad University of Technology, West Bengal	60	NA	NA

Application No:1-4260061386

Note: This is a Computer generated Report. No signature is required.

Printed By : ae3621141

Page 1 of 3

Letter Printed On:19 April 2019

Engineering And Technology	1st	Under Graduate	Computer Science And Engineering	FT	Maulana Abul Kalam Azad University of Technology, West Bengal	60	NA	NA
Engineering And Technology	1st	Under Graduate	Electronics & Communication Engg	FT	Maulana Abul Kalam Azad University of Technology, West Bengal	120	NA	NA
Engineering And Technology	1st	Under Graduate	Mechanical Engineering	FT	Maulana Abul Kalam Azad University of Technology, West Bengal	120	NA	NA
Engineering And Technology	1st	Under Graduate	Electrical Engineering	FT	Maulana Abul Kalam Azad University of Technology, West Bengal	60	NA	NA
Engineering And Technology	1st	Under Graduate	Civil Engineering	FT	Maulana Abul Kalam Azad University of Technology, West Bengal	60	NA	NA
Engineering And Technology	1st	Post Graduate	Mechanical Engineering	FT	Maulana Abul Kalam Azad University of Technology, West Bengal	18	NA	NA
Engineering And Technology	1st	Post Graduate	Communication Engineering	FT	Maulana Abul Kalam Azad University of Technology, West Bengal	18	NA	NA

+FT –Full Time,PT-Part Time

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

It is mandatory to comply all the essential requirements as given in APH 2019-20(appendix 6)

NOTE: If the State Government / UT / DTE / DME has a reservation policy for admission in Technical Education Institutes and the same is applicable to Private & Self-financing Technical Institutions, then the State Government / UT/ DTE / DME shall ensure that 10 % of Reservation for EWS would be operational from the Academic year 2019-20 without affecting the percentage reservations of SC/ST/OBC/General. However, this would not be applicable in the case of Minority Institutions referred to the clause (1) of Article 30 of Constitution of India.

Prof. A.P Mittal
Member Secretary, AICTE

Copy to:

- 1. The Director Of Technical Education**, West Bengal**
- 2. The Registrar**,
West Bengal State Council Of Technical Education, Kolkata**
- 3. The Principal / Director,**
Dr. Sudhir Chandra Sur Degree Engineering College
Mouza-- Kalidaha, P.S.- Dumdum, Kolkata, West Bengal,
Kolkata, Kolkata,
West Bengal, 700074
- 4. The Secretary / Chairman,**
Jis Foundation
7, Sarat Bose Road.
Kolkata, Kolkata,
West Bengal, 700020

5. The Regional Officer,
All India Council for Technical Education
College of Leather Technology Campus
Block LB, Sector III, Salt Lake City
Kolkata - 700 098, West Bengal

6. Guard File(AICTE)

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

19. ACCOUNTED AUDITED STATEMENT FOR THE LAST THREE YEARS

➤ Audited Statement for the Financial Year 2016-17

CA. T. K. BANDYOPADHYAY M.Com., F.C.A., CISA Chartered Accountant Proprietor BANDYOPADHYAY ASSOCIATES Chartered Accountants		Phone : (033) 2632 1363 Mobile : 98361 29897 / 9830907161 350 (370/6) Pearapore Road (Bank Para) P.O. - Sheoraphuli, Dist. - Hooghly Pin - 712223 (West Bengal), E-mail : tkbfca@gmail.com
--	---	---

DR. SUDHIR CHANDRA SUR DEGREE ENGINEERING COLLEGE

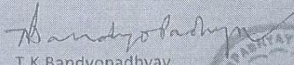
Audited Statement of Account of 2016-17(Income & Expenditure Statement for complete year)					
Income			Expenditure		
Sl. No.	Details	Amount	Sl. No.	Details	Amount
1	Tuition Fees	133,440,984	1	Salary	39,074,936
2	Other fee/amount collected from students	1,976,525	2	Administrative expenses	23,366,771
3	Grants from Govt. / Private agencies		3	Training and Development	3,007,186
4	Grants / Contribution from other sources (Management)		4	Laboratory consumables	666,916
5	Scholarships received		5	Library	908,918
6	Other income	6,207,682	6	Travel	263,228
			7	Fees Paid to University/ Board/ Government/AICTE/UGC	349,450.00
			8	Repairs and Maintenance	1,249,014
			9	Scholarships/ Concessions/ Fellowships/Honorarium etc., awarded/incurred(other than Govt. grants)	111,010
			10	Expenditure of grants received from Govt. / Private agencies	0
			11	Depreciation	25,905,499
			12	Any other expenditure	0
Total		141,625,191	Total		94,902,929

Certified to be as per the books of accounts & records of the Institution(Dr.SCSDEC)

For Bandyopadhyay Associates

Chartered Accountants

Principal
Dr. Sudhir Chandra Sur Degree Engineering College
540, Dum Dum Road, Suremath
Kolkata - 74


T.K. Bandyopadhyay
M.No.51181 28/12/17



➤ **Audited Statement for the Financial Year 2017-18**

CA. T. K. BANDYOPADHYAY
M.Com., F.C.A., CISA
Chartered Accountant
Proprietor
BANDYOPADHYAY ASSOCIATES
Chartered Accountants



Phone : (033) 2632 1363
Mobile : 98361 29897 / 9830907161

350 (370/6) Pearapore Road (Bank Para)
P.O. - Sheoraphuli, Dist. - Hooghly
Pin - 712223 (West Bengal),
E-mail : tkbfca@gmail.com

Dr. Sudhir Chandra Sur Degree Engineering College					
Audited Statement of Account 2017-18 (Income & Expenditure Statement for complete year)					
Income			Expenditure		
Sl. No.	Details	Amount	Sl. No.	Details	Amount
1	Tuition Fees	116,200,566	1	Salary	34,393,289
2	Other fee/amount collected from students	1,084,600	2	Administrative expenses	30,845,693
3	Grants from Govt. / Private agencies	300,000	3	Training and Development	517,410
4	Grants / Contribution from other sources (Management)	-	4	Laboratory consumables	101,350
5	Scholarships received	-	5	Library	282,625
6	Other income	2,242,542	6	Travel	185,151
			7	Fees Paid to University/ Board/ Government/AICTE/UGC	413,906
			8	Repairs and Maintenance	1,661,820
			9	Scholarships/ Concessions/ Fellowships/Honorarium etc., awarded/incurred(other than Govt. grants)	-
			10	Expenditure of grants received from Govt. / Private agencies	-
			11	Depreciation	25,279,423
			12	Any other expenditure	-
Total		119,827,708	Total		93,680,666

Principal
Dr. Sudhir Chandra Sur Degree
Engineering College
510, Dum Dum Road, Suremath
Kolkata - 74

Auditor



- **Audited Statement for the Financial Year 2018-19**
On process

20. BEST PRACTICES ADOPTED, IF ANY

- Strict adhering of all norms and guidelines prescribed by the University / Council
- Induction Programme conducted for the new entrants
- Lab & Library visit for the new entrants prior to commencement of academic session
- Continuous evaluation process
- Emphasis on experimental laboratories
- Students are encouraged to participate in Summer Internship in renowned companies
- Innovation Cell
- All students undergo for Personalized Training Programme in the following fields:
 - Psychometric Test
 - Aptitude Test
 - Logical Reasoning
 - Quantitative ability
 - Verbal and written communication
 - Presentation Skills
 - GD & PI
 - Interview facing techniques