

## **MANDATORY DISCLOSURE OF THE INSTITUTE DRIEMS POLYTECHNIC**

### **1. Name of the Institution : DRIEMS Polytechnic**

- Address : At- Kairapari, Kotsahi, Tangi, Cuttack
- Telephone/ Mobile :- 0671-2595062 / 9438065742,
- E-Mail : driemsdiploma@rediffmail.com

### **2. Name and address of the Trust/ Society/ Company and the Trustees DHANESWAR RATH INSTITUTE OF ENGINEERING & MEDICAL SCIENCES**

- Address : At-Kairapari, Po-Kotsahi, Tangi, Cuttack-754022
- Telephone : 0671-2595062 , Mobile- 9437025755,
- E-Mail: driemscuttack@rediffmail.com

### **3. Name and Address of the Principal : Prof. Tapaswini Sahu**

- Address : DRIEMS Polytechnic, Tangi, Cuttack-754022
- Telephone : 0671-2595425, Mobile-8249420704,
- E-Mail : [driemsdiplomawing@gmail.com](mailto:driemsdiplomawing@gmail.com)

### **4. Name of the affiliating University :**

SCTE&VT, Odisha, Bhubaneswar

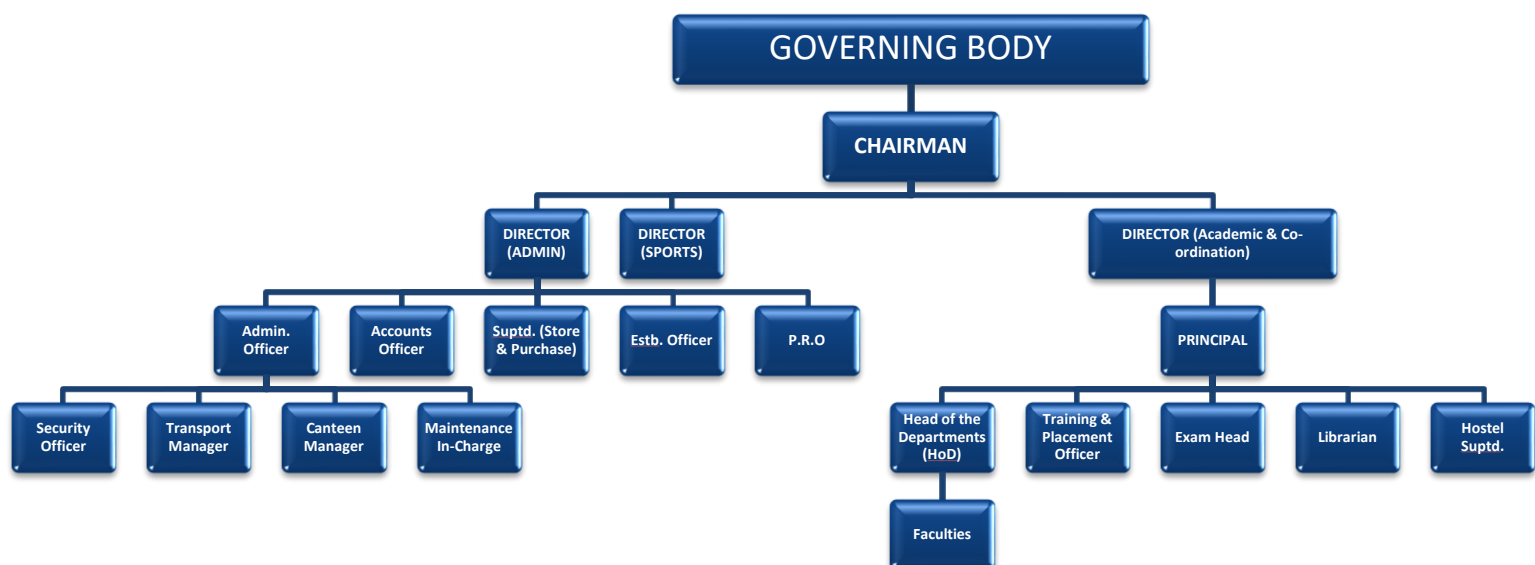
### **5. Governance**

- Members of the Board and their brief background

		<u>Position in Governing Body.</u>
1	Mr. P.C. Rath, Chairman, DRIEMS	Chairman
2	Mr. Durga Prasad Rath, Managing Director, DRIEMS	Member
3.	Mr. Balaram Kar, Director/Secretary, DRIEMS	Member
4.	Mr. Pradipta Ch. Rath, Director	Member
5.	Mr. Shantanu Kumar Satpathy, Director	Member
6.	Mr. Shreekanth Ku. Ojha, HoD Elect./ Faculty Representative	Member
7.	Mr. Shiba Ch. Barik, HoD Comp. Sc./ Faculty Representative	Member
8.	Representative of AICTE	Member
9.	Representative of SCTE&VT, BBSR	Member
10.	Representative DTE&T, Orissa, Cuttack	Member
11	Er. B. C. Mohanty, Industrialist	Member
12.	Prof.(Dr.) R. K. Das, Principal DRIEMS, Educationist	Member
13.	Prof. Tapaswini Sahu, Principal	Member Secretary

- Members of Academic Advisory Body
- Frequently of the Board Meeting and Academic Advisory Body

- Organizational chart and processes



- Nature and Extent of involvement of Faculty and students in academic affairs/improvements.
- Mechanism/ Norms and Procedure for democratic/ good Governance
- Student Feedback on Institutional Governance/ Faculty performance  
Refer to Institute website
- Grievance Redressal mechanism for Faculty, staff and students :  
Refer to Institute website
- Establishment of Anti Ragging Committee:

### **ANTI-RAGGING COMMITTEE(ARC)**

- |   |                 |
|---|-----------------|
| 1. Principal, DRIEMS Polytechnic                    | Chairman        |
| 2. Dean(Student Welfare)                            | Member Convenor |
| 3. B. D. O., Tangi-Choudwar                         | Member          |
| 4. Inspector-in-Charge, Tangi Police Station, Tangi | Member          |
| 5. HoD, Civil Engg.                                 | Member          |
| 6. HoD, Mechanical Engg.                            | Member          |
| 7. HoD, Electrical Engg.                            | Member          |
| 8. HoD, E&TC Engg.                                  | Member          |
| 9. HoD, Comp. Sc. & Engg.                           | Member          |
| 10. Exam Head                                       | Member          |
| 11. Administrative Officer                          | Member          |

12. Two Lecturers	
a. Mr. Rakesh Mohanty, W/s Supdt.	Member
b. Mrs. Minakshi Mallick, Lecturer in Mathematics	Member
13. Media co-ordinator (Sri Nirakar Sahoo)	Member
14. Representative of Utkal Sevak Samaj, NGO, Cuttack	Member
15. Mr. Arjun Kumar Sahani, Parents of a student	Member
16. Mr. Sudhansu Kumar Mishra, Parent of a student	Member
17. Mr. Bidhu Bhusan Satpathy, Legal Consultant	Member
18. Student representatives	
a. Shruti Prakash Acharya, L17026007002 3 <sup>rd</sup> Yr CSE	Member
b. Anjali Thakur, F17026007001, 2 <sup>nd</sup> Yr CSE	Member
c. Satyabrata Sahoo, F16026002057, 3 <sup>rd</sup> yr. Elect.	Member
d. Abhishek Mishra, L17026001001, 3 <sup>rd</sup> Yr Civil	Member
e. Sabjit Singh, F16026004133, 3 <sup>rd</sup> yr Mech.	Member
f. Khitish Sagar brahma, F16026003024, 3 <sup>rd</sup> Yr ETC	Member
g. SaiPrasad Sahoo, 2032, 1 <sup>st</sup> Yr. Elect.	Member
h. Satyabrata Khuntia, 1025, 1 <sup>st</sup> Yr, Civil	Member

### **ANTI-RAGGING SQUAD(ARS)**

1. Mr. Shiba Charan Barik, Dean(SW)	Head
2. Mr. Prasant Kumar Sahoo, Lecturer, Mech	Ast. Head
3. Mr. Debabrata Pati, Lect. in Civil	Member
4. Mr. Kunja Bihari Sahoo, A. Prof. Elect.	Member
5. Mr. Antarymai Digal, Lecturer Civil	Member
6. Mr. Purna Ch. Sahoo, Lecturer Physics	Member
7. Mr. Angad Kumar Lenka, A. Prof. Elect.	Member
8. Mr. Jyotirmaya Samal, Lect. in ETC	Member
9. Mr. Bhagyarathi Das, P.A	Member
10. Mr. Pravat Kumar Nayak, Exam Ast.	Member
11. Mr. Ashutosh Gantayat, Lect. Electrical	Member
12. Mr. Alok Kumar Swain, Lab. Ast. Physics	Member
13. Mr. Hrusikesh Nayak, W/s Instructor	Member
14. Mrs. Subhashree Das, Lecturer in Mechanical	Member
15. Ms. Sanghamitra Behera, Ast. Professor, EL	Member
16. Ms. Deepika Jena, Lecturer Civil	Member
17. Mr. Debasish Sarangi, Vehicle Manager	Member
18. Mr. Purna Ch. Sahoo, Hostel Caretaker	Member
19. Mr. Rajkishore Biswal, Security Officer	Member
20. Mr. G. C. Mishra, Estate Officer,	Member
21. Mr. Krushna Ch. Kar, Canteen Manager	Member

### Students

22. Archita Choudhury, F16026007002, 3 <sup>rd</sup> Yr CSE	Member
23. Jyoti Prakash Behera F16026001020 3 <sup>rd</sup> Yr, Civil	Member
24. Sanjaya Kumar Sethi, F16026003045 3 <sup>rd</sup> Yr. ETC	Member
25. Sritamraj Sahu, L17026002027, 3 <sup>rd</sup> yr Elect.	Member
26. Kaibalya Mohanty, F16026004084, 3 <sup>rd</sup> Yr. Mech	Member
27. Biswajit Swain, F17026004036, 2 <sup>nd</sup> Yr. Mech.	Member
28. Alekh Das, F1726002003, 2 <sup>nd</sup> Yr. Elect.	Member
29. Badal Nayak, F17026001060, 2 <sup>nd</sup> Yr Civil	Member
30. Avantika Bivabari Panda, 7002, 1 <sup>st</sup> Yr. Comp.	Member
31. Ahemsa Prem Ray, 4003, 1 <sup>st</sup> Yr, Mech.	Member

- Establishment of Online Grievance Redressal Mechanism :
- Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University :  
**Appointed by SCTE&VT, Odisha**

- Establishment of Internal Complaint Committee (ICC)

### **INTERNAL COMPLAINT COMMITTEE(ICC)**

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>
1	Mrs.TapaswiniSahu, Principal	Chairperson
2	Mrs.MinakshiMallick	Member
3	Mrs.Sindhusuta Rout	Member
4	Ms.MihitaMadhusmitaSahu	Member
5	Ms.Deepika Jena	Co-ordinator
6	Mrs.SachalaSamal	Member

- Establishment of Committee for SC/ ST

### **FORMATION OF SC/ST RESERVATION COMMITTEE/CELL**

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>
1	Mr.Shreekantku. Ojha	Chairperson
2	Ms.SanghamitraBehera	Co-ordinator
3	Mr.DebabrataPati	Member
4	Mr. S.M. Nazrul	Member
5	Mrs.Subhashree Das	Member
6	Mrs.SharmilaMohapatra	Member
7	Mr.YogeshRoutray	Member
8	Mr.ManoranjanTripathy	Member

- Internal Quality Assurance Cell

## **6. Programmes**

- Name of Programmes approved by AICTE : **Diploma in Engineering**
- Name of Programmes Accredited by AICTE : **No**
- Status of Accreditation of the Courses : **Nil**
- Total number of Courses : **05**
- No. of Courses for which applied for Accreditation: **03**
- Status of Accreditation – **Preliminary**
- For each Programme the following details are to be given:
- Name: **DIPLOMA in Engineering**
- Number of seats : **570**

- Duration : **3 Years**
- Cut off marks/rank of admission during the last three years
- Fee : **As prescribed by Fee Structure Committee, Odisha**
- Placement Facilities
- Campus placement in last three years with
  - Minimum salary : **Rs. 8500/~ per month**
  - Maximum salary : **Rs. 38000/~ per month**
  - Average salary : **Rs. 15000/~ per month**
- 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:
 

Details of the Foreign University

  - Name of the University
  - Address
  - Website
  - Accreditation status of the University in its Home Country
  - Ranking of the University in the Home Country
  - Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country
  - Nature of Collaboration
  - Conditions of Collaboration
  - Complete details of payment a student has to make to get the full benefit of Collaboration
- For each Programme Collaborated provide the following:
  - Programme Focus
  - Number of seats
  - Admission Procedure
  - Fee
  - Placement Facility
  - Placement Records for last three years with minimum salary, maximum salary and average salary
- Whether the Collaboration Programme is approved by AICTE? If not whether the Domestic/Foreign University has applied to AICTE for approval

## 7. Faculty

- Branch wise list Faculty members:
  - Permanent Faculty
  - Adjunct Faculty
  - Permanent Faculty: Student Ratio : **1:25**
- Number of Faculty employed and left during the last three years :

## 8. Profile of Vice Chancellor/ Director/ Principal/ Faculty

For each Faculty give a page covering with Passport size photograph

- i. Name
- ii. Date of Birth
- iii. Unique id
- iv. Education Qualifications
- v. Work Experience
  - Teaching
  - Research
  - Industry
  - others
- vi. Area of Specialization
- vii. Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level
- viii. Research guidance
  - No. of papers published in National/ International Journals/ Conferences
  - Master
  - Ph.D.
- ix. Projects Carried out
- x. Patents
- xi. Technology Transfer
- xii. Research Publications
- xiii. No. of Books published with details

## 9. Fee

- Details of fee, as approved by State Fee Committee, for the Institution :  
**As decided by the Fee Structure Committee, Odisha**
- Time schedule for payment of fee for the entire programme :  
**Commencement of the Academic Session**
- No. of Fee waivers granted with amount and name of students
- Number of scholarship offered by the Institution, duration and amount  
**Once in a Semester : Rs.6000/-**
- Criteria for fee waivers/scholarship  
**Meritorious Economically backward students with Annual Income below 6 Lakhs**
- Estimated cost of Boarding and Lodging in Hostels :  
**Rs. 45,000/- per Annum**

## 10. Admission

- Number of seats sanctioned with the year of approval :  
2016-17 :- 570  
2017-18 :- 570  
2018-19:- 570

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

### 2019

Name of the Course	Approved Intake	General Male excluding Minority	General Female excluding Minority	OBC Male (including VJ, NT-DT, SBC, Other)	OBC Female (including VJ, NT-DT, SBC, Other)	SC Male	SC Female	ST Male	ST Female	PH Male	PH Female	Minority Male	Minority Female	TFW Male	TFW Female	Total Students (SC+ST+OBC+GENERAL+Minority)
MECHANICAL	240															
ELECTRICAL	120	65	3			12	0	1	0	0	0	3		6	6	
ELECTRONICS AND TELECOMMUNICATIONS	60															
COMPUTER SCIENCE	30															
CIVIL	120															

### 2018

Name of the Course	Approved Intake	General Male excluding Minority	General Female excluding Minority	OBC Male (including VJ, NT-DT, SBC, Other)	OBC Female (including VJ, NT-DT, SBC, Other)	SC Male	SC Female	ST Male	ST Female	PH Male	PH Female	Minority Male	Minority Female	TFW Male	TFW Female	Total Students (SC+ST+OBC+GENERAL+Minority)
MECHANICAL	240	122	0	14	0	25	0	1	0	0	0	15	0	11	0	177
ELECTRICAL	120	36	5	5	1	14	1	6	0	0	0	4	0	6	0	72
ELECTRONICS AND TELECOMMUNICATIONS	60	6	7	2	0	21	10	4	2	0	0	3	2	0	0	57
COMPUTER SCIENCE	30	16	5	0	0	1	2	0	0	0	0	2	0	0	0	26
CIVIL	120	21	14	2	0	11	5	0	8	0	0	1	0	1	0	62

### 2017

MECHANICAL	240	95	0	10	0	32	0	4	0	0	0	11	0	12	0	152
ELECTRICAL	120	35	1	3	0	6	0	0	0	0	0	2	0	5	0	47
ELECTRONICS AND TELECOMMUNICATIONS	60	6	1	0	0	23	15	5	0	0	0	4	0	1	2	54
COMPUTER SCIENCE	30	7	6	1	1	7	6	0	0	0	0	1	0	1	0	29
CIVIL	120	15	4	3	2	18	15	7	10	0	0	1	0	3	1	75

### 2016

MECHANICAL	240	103	0	38	0	19	0	12	0	0	0	6	0	11	0	178
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ELECTRICAL	120	31	0	9	0	12	0	5	0	0	0	3	0	6	0	60
ELECTRONIC S AND TELECOMMU NICATIONS	60	10	4	0	0	16	13	1	5	0	0	5	0	1	1	54
COMPUTER SCIENCE	30	9	5	0	0	3	8	0	0	0	0	0	0	0	1	25
CIVIL	120	15	6	3	1	10	3	9	11	0	0	0	0	4	0	58

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

### 11. Admission Procedure

- Mention the admission test being followed, name and address of the Test Agency and its URL (website) : <http://www.samsodisha.gov.in/>
- Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test):
- Calendar for admission against Management/vacant seats:
  - Last date of request for applications :
  - Last date of submission of applications :
  - Dates for announcing final results :
  - Release of admission list (main list and waiting list shall be announced on the same day) :
  - Date for acceptance by the candidate (time given shall in no case be less than 15 days) :
  - Last date for closing of admission:
  - Starting of the Academic session :
  - The waiting list shall be activated only on the expiry of date of main list
- The policy of refund of the fee, in case of withdrawal:
  - (i) In the event of a student withdrawing before the start of the Course, the entire fee collected from the student, after a deduction of the processing fee of not more than ₹1000/- (Rupees One Thousand only) shall be refunded by the Institution. It would not be permissible for Institutions to retain the School/ Institution Leaving Certificates in original.
  - (ii) In case, if a student leaves after joining the Course and if the vacated seat is consequently filled by another student by the last date of admission, the Institution must refund the fee collected after a deduction of the processing fee of not more than ₹1000/- (Rupees One Thousand only) and proportionate deductions of monthly fees and hostel rent, where applicable.

### 12. Criteria and Weightages for Admission

- Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.  
Passed 10th Std./ SSC examination. Obtained at least 35% marks in the qualifying examination.  
(Lateral Entry to Second Year Diploma): Passed 10+2 examination with Physics and Chemistry as compulsory subjects along with Mathematics.



OR

10+2 Science (with Mathematics as one of the Subject) or 10+2 Science with Technical Vocational subject.

OR

10th + (2 years ITI) with appropriate Trade in that order shall be eligible for admission to Second Year Diploma Course(s) of appropriate Programme.

- Mention the minimum level of acceptance, if any :

**35% marks obtained in 10<sup>th</sup> Std and 30% Marks in Science, Mathematics & English subject each for three year regular course**

- Mention the cut-off levels of percentage and percentile score of the candidates in the admission test for the last three years

**2018 :- 35%**

**2017:- 35%**

**2019:- 35%**

- Display marks scored in Test etc. and in aggregate for all candidates who were admitted : **45%**

### **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

### **14. Results of Admission Under Management seats/Vacant seats :**

- Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over) :
- Score of the individual candidate admitted arranged in order or merit :
- List of candidate who have been offered admission :
- Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate :
- List of the candidate who joined within the date, vacancy position in each category before operation of waiting list :

### **15. Information of Infrastructure and Other Resources Available**

- Number of Class Rooms and size of each : **23nos & 66sqm/above**
- Number of Tutorial rooms and size of each : **6nos & 33sqm.**
- Number of Laboratories and size of each : **24nos & 66sqm.**
- Number of Drawing Halls with capacity of each : **2nos & 66**
- Number of Computer Centres with capacity of each : **1no & 100 desktops**
- Central Examination Facility, Number of rooms and capacity of each  
**20nos & 30**
- Barrier Free Built Environment for disabled and elderly persons : **Available**
- Occupancy Certificate : **Available**

- Fire and Safety Certificate : **Applied**

<b>DEPARTMENT OF ELECTRICAL ENGINEERING</b>
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- Hostel Facilities : **Available (300 for Boys & 100 for Girls)**
- **Library**
- Number of Library books/ Titles/ Journals available (program-wise)  
Diploma - **12963 books & 2827 titles.**
- List of online National/ International Journals subscribed

SLNO	BRANCH	NAME OF THE JOURNALS
1	<b>CIVIL</b>	The open Civil Engineering Journal
2		Indian Journal of Architecture and Town Planning
3		Journal of Indian Civil Engineering
4	<b>CSE</b>	International Journal of Computer science and Information Technology
5		Future Generation Computer Systems
6		Indian Journal in Computer Simulation
7	<b>ELECT.</b>	Current Development in Electrical Engineering
8		Indian Journal of Advances in Electrical Engg.
9		Advances Development in Indian Electrical Engineering
10	<b>ETC.&amp; Tc.</b>	International Journal of Computer Science and Mobile Computing
11		International Journal of Innovative Research in Science,Engineering and Technology
12		Advances in Electronic Circuit ,Devices & Systems
13	<b>MECH.</b>	Journal of Materials Research & Technology
14		Advances in Production Engineering & Management
15	<b>SC. &amp; HUM. (Math.)</b>	Indian Journal of Algebra

- E- Library facilities :
- **Laboratory and Workshop**
- List of Major Equipment/Facilities in each Laboratory/ Workshop

## NAME OF THE LAB: ELECTRICAL LAB PRACTICE

SL NO	NAME OF THE MACHINE/EQUIPMENT WITH SPECIFICATION	EXPERIMENT PERFORMED
1	Squirrel Cage Induction Motor Phase- 3, Capacity: 5 hp, Volt: 415, Frequency: 50, Amepre:7.7 A, RPM: 1440 Insulation: Class B	Study of Direct on Line starter, Star-Delta starter, connection and running a 3-phase Induction motor and measurement of starting current.
2	Squirrel Cage Induction Motor Phase- 3, Capacity: 5 hp, Volt: 415, Frequency: 50, Amepre:7.7 A, RPM: 1440 Insulation: Class B	Study of Auto transformer starter and rotor resistance starter connection and running a 3-phase induction motor and measurement of starting current.
3	Squirrel Cage Induction Motor Phase- 3, Capacity: 5 hp, Volt: 415, Frequency: 50, Amepre:7.7 A, RPM: 1440 Insulation: Class B	Study and Practice of connection & Reverse the direction of rotation of Three Phase Induction motor.
4	Capacity: 1HP, RPM: 1400, Volt 230 Amepre: 5.21 Amp, Phase : 1, Frequency:50 Hz, Capacitor :25 $\mu$ F, Insulation: class F	Study and Practice of connection & Reverse the direction of rotation of Single Phase Induction motor.
5	Capacity: 3 KVA RPM: 1500 Volt: 415 Amepre:4.5 Phase: 3- $\emptyset$ Insulation: Class B	OC and SC test of alternator and determination of regulation by synchronous impedance method.
6	Capacity: 3 KVA RPM: 1500 Volt: 415 Amepre:4.5 Phase: 3- $\emptyset$ Insulation: Class B	Determination of regulation of alternator by direct loading.
7	Capacity: 3 KVA RPM: 1500 Volt: 415 Amepre:4.5 Phase: 3- $\emptyset$ Insulation: Class B	Parallel operation of two alternators and study load sharing.
8	3-phase Wattmeter dynamometer type 5/10 Amp, 150-300-600 volt	Measurement of power of a 3-phase Load using two wattmeter method and verification of the result using one 3-phase wattmeter.
9	Buchholz's relay setup VPL-84	Study of Buchholz's relay.
10	KVA:3 , Volt: 115/230	Determine voltage regulation of transformer by direct loading.
11	KVA:3 , Volt: 115/230	Parallel operation of Transformers(only single Phase)

12	KW:3 RPM: 1500 ,Volt: 220, Amepre:10, Exitation:230 V ,	Study different parts of DC Generator.
13	KW:3 RPM: 1500 ,Volt: 220, Amepre:10, Exitation:230 V ,	Run a DC shunt Generator
<b>NAME OF THE LAB: POWER ELECTRONIC LAB</b>		
1	Series inverter trainer kit	To study series Inverter.
2	UPS	Study UPS & CVT.
3	IC regulator using IC723.	Construct & test IC regulator using IC723.
4	IC 78XX, 79XX, LM317.	Construct voltage regulator using IC 78XX, 79XX, LM317.

### ELECTRONICS & TELECOMMUNICATION ENGINEERING

SL. NO.	NAME OF THE LAB	NAME OF MACHINE/EQUIPMENT (SPECIFICATION)	EXPERIMENT PERFORMED
1	COMMUNICATION ENGG.-I LAB	AM MODULATION TRAINER KIT, DEMODULATION TRAINER KIT, CRO & FUNCTION GENERATOR.	1. (A) Study of AM transmitter & Detector and observe the waveform at different test point. (B) Determine percentage of Modulation Index of AM. (C) Study of SSB signal & observe the waveform at different section.
2		FM MODULATION TRAINER KIT, FOSTER SELEY DEMODULATION TRAINER KIT, CRO & FUNCTION GENERATOR.	2. Study of FM transmitter & Detector & observe the waveform at different section.
3		DCT TRAINER KIT & CRO	3. Study of sampling theorem & observe the waveform at different section.
4		DCT TRAINER KIT & CRO	4. Study of ASK modulator & demodulator & observe the waveform at different section.
5		DCT TRAINER KIT & CRO	5. Study of PCM transmitter & receiver & observe the waveform at Different section.
6		DCT TRAINER KIT & CRO	6. Study of FSK modulator & demodulator & observe the waveform at different section.
7		DCT TRAINER KIT & CRO	7. Study of PSK modulator & demodulator & observe the waveform at different section.
8		DCT TRAINER KIT & CRO	8. Study of Delta modulator & demodulator& observe the waveform at different section.
9		SUPERHETERODYNE AM RECEIVER & CRO	9. Study of Super heterodyne radio receiver &observe the waveform at different section
10		LINEAR DIODE DETECTOR TRAINER	10. Construct Linear Diode Detector

		KIT & CRO	& observe the wave forms.
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SL. NO.	NAME OF THE LAB	NAME OF MACHINE/EQUIPMENT (SPECIFICATION)	EXPERIMENT PERFORMED
1	COMM. ENGG.-II LAB	ANTENNA TRAINER KIT	1.(A) Study the Antenna Trainer for different type of Antenna & find its gain. (B) Draw the radiation pattern & find the characteristics of antenna ( Yagi, Horn, Rhombus, Dipole) (C) Draw the waveform of different lobe of different Antennas using antenna trainer
2		MICROWAVE TEST BENCH KIT	2.(A) To study different types of Microwave components. (B) Measurement of microwave power using power meter. (C) Measure VSWR of different types of load (Matched, Open, Shorted) using Microwave test bench.
3		TRANSMISSION LINE KIT	3. (A) Find the Standing Wave ratio (Open & Short Circuit) & different losses in Transmission line.
4		COLOR T.V TRAINER KIT (SAMSUNG).	4. (A) Study the Block diagram of colour TV receiver and draw the circuit& waveform of different sections. (B) Study the SMPS section and find out load & line regulation. (C) Study the various faults in colour TV.

SL. NO.	NAME OF THE LAB	NAME OF MACHINE/EQUIPMENT (SPECIFICATION)	EXPERIMENT PERFORMED
1.	ADVANCE COMMUNICATION LAB	FIBER OPTIC TRAINER KIT (MODEL VOFT-02)	1. (A) Setting up a fiber optic analog & digital link including source & detector. (B) Study of losses in Optical Fiber: I. Measurement of propagation loss. II. Measurement of bending loss. III. Measurement of connector loss. IV. How connector loss is affected by fiber and quality. (C) Measurement of Numerical aperture. (D) Setting of AM, FM, PWM,

			Modulator & Demodulator using optical fiber kit.
2.		SATELLITE COMM.TRAINER KIT	2. STUDY OF SATELLITE COMMUNICATION TRAINER KIT
3.		MOBILE TRAINER KIT	3. STUDY OF MOBILE COMMUNICATION TRAINER KIT
4.		EPABX TRAINER KIT(VCT-41)	4. STUDY OF DIFFERENT CALL SET-UP USING EPABX TRAINER KIT AND OBSERVE ITS WAVEFORM.
<b>SL. NO.</b>	<b>NAME OF THE LAB</b>	<b>NAME OF MACHINE/EQUIPMENT (SPECIFICATION)</b>	<b>EXPERIMENT PERFORMED</b>
1.	ANALOG ELECTRONICS-I LAB	TWO STAGE RC COUPLED AMPLIFIER TRAINER KIT,CRO, MULTIMETER	1. Study the two stage CE amplifier , find Gain & draw the frequency response curve
2.		PUSH PULL AMPLIFIER TRAINER KIT, CRO, MULTIMETER	2. Construct & test Push Pull amplifier & observe the wave form
3.		CLASS-C TUNED AMPLIFIER TRAINER KIT,CRO,MULTIMETER	3. Construct & Find the gain Class C Tuned Amplifier
4.		FET CHARACTERISTIC KIT,CRO, MULTIMETER	4. Determine Drain & Transfer characteristics of JFET
5.		(i) Hartly Oscillator (ii) Collpit Oscillator (iii) Wein Bridge Oscillator (iv) R-C phase shift Oscillator AND CRO, MULTIMETER	5. Construct & calculate the frequency & Draw the waveform.
6.		Differentiator and Integrator KIT,CRO,MULTIMETER	6. Construct & Test Differentiator and Integrator using R-C Circuit.
7.		Transistor Characteristic kit, MULTIMETER, Ammeter, Voltmeter	7. Test Transistor act as an Switch & study its characteristics
8.		Clipper, Clamper kit, CRO, Multimeter	8. Observe the waveform of Clipper, Clamper circuits

SL. NO.	NAME OF THE LAB	NAME OF MACHINE/EQUIPMENT (SPECIFICATION)	EXPERIMENT PERFORMED
1.		78xx & 79xx ICs KIT, CRO, MULTIMETER	1. Construct and test voltage power supply using 78xx & 79xx ICs (+5V, -

	ANALOG ELECTRONICS-II LAB		5V,+9V,-9V)
2.		OPAMP CHARACTERISTIC KIT, CRO, MUTIMETER, VOLTMETER, AMMETER	2.(A) Study of Operational Amplifier 741 & draw its pin diagram, (B) Determine the following characteristics of an OP-Amp. i) Input off-set voltage. ii) Slew rate iii) CMMR iv) Bandwidth v) Input bias current
3.		Inverting and non-inverting amplifier using OPAMP KIT, CRO	3. Construct and study inverting and non-inverting amplifier using OPAMP
4.		Integrator and differentiator using OPAMP KIT, CRO	4. Construct and study integrator and differentiator using OPAMP.
5.		V to F and F to V using OPAMP KIT, CRO	5. Construct and study voltage comparator, V to F and F to V using OPAMP
6.		Multivibrator Kit using OPAMP Kit, CRO	6. Construct and study Astable & Monostable Multivibrator

SL. NO.	NAME OF THE LAB	NAME OF MACHINE/EQUIPMENT (SPECIFICATION)	EXPERIMENT PERFORMED
1.	ELECTRONICS MEASUREMENTS LAB	CRO, Function generator, CDS	1. (A) Measurement of Current and Voltages by Low range ammeter and voltmeter respectively with shunt and multiplier. (B) Observe the wave forms of different frequency by using Function generator and draw its diagram. & calculates average & R.M.S. Values, frequency, Time Periods using CRO. (C) Measure the unknown frequency and phase angle using CRO by Lissajous figure
2.		DUAL TRACE CRO	2. Measure the amplitude and frequency using dual trace CRO.
3.		Wheatstone Bridge, Maxwell Bridge, Hay's Bridge, Schering's Bridge KIT, CRO	3. (A) Measurement of resistance using Wheatstone's Bridge (B) Measure the inductance by Maxwell's Bridge & Hay's Bridge (C) Measure the capacitance by Schering's Bridge
4.		LCR meter KIT, CRO	4. Measure the Resistance, Capacitance of circuit (Series & parallel) by using LCR meter and find the Q factor of the coil

**DEPT.OF CIVIL ENGG**  
**NAME OF THE LAB - CEL**

SL NO	NAME OF M/C OR EQUIPMENT	EXPERIMENT PERFORMED
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1	Compression testing m/c Specification -235mm Ram dia 2000 KN load Company –ASEW	Compressive strength of concrete cube, Cement Mortar & brick
2	Laboratory concrete mixture Fitted with ac induction motor 1440 rpm ,0.75 KN ,1 Hp Company –ASEW	Preparation of fresh concrete mix for Concrete cube
3	Los angel's abrasation m/c IS:2386(part iv) Company –ASEW	Strength of coarse road aggregate
4	Ductility testing apparatus Thermotech TH-012 Company –ASEW	Ductility of bitumen sample
5	Hot air oven DTC-204 Company-Creative	Water content of soil sample
6	Impact test apparatus Motor operated,1/2 Hp,1425 RPM Model No-LK3071 Company –ASEW	For SPT and MPT of a soil sample

### **NAME OF THE LAB – SURVEY LAB**

<b>SL NO</b>	<b>NAME OF M/C OR EQUIPMENT</b>	<b>EXPERIMENT PERFORMED</b>
1	Theodolite m/c 12 cm dia transit Front line NO-00180/07	Measurement of HA , VA, DA ,ranging between various staffs
2	Auto level SOKKIA C410 Model NO -03581	Measurement of RL of various points
3	Dumpy level Front line Model NO- 0040/2006	Measurement of RL of various points

### **MECHANICAL ENGINEERING HEAT POWER LAB**



## STRENGTH OF MATERIAL LAB

SL NO	MACHINE NAME	SPECIFICATION	EXPERIMENT PERFORMED
1	MULTI CYLINDER FOUR STROKE PETROL ENGINE	Type- Load type Capacity- 7.5 kw Speed- 3000 rpm Arm length- 0.3 meter	i)-Determination of Brake Horse power, , Indicated Horse power, Brake specific fuel consumption of a multi cylinder engine by Morse test(5 <sup>th</sup> semester)
2	FOUR STROKE SINGLE CYLINDER DIESEL ENGINE	Engine type- AVI Speed- 1500 rpm Power rating- 3.7 kw SFC- 245g/kw-h	i)-Determination of brake thermal efficiency of a single cylinder diesel engine(5 <sup>th</sup> semester)
1	TORSION TESTING MACHINE	Max torque capacity- 50 kg Testing speed- 1.5 rpm Max clearance between grips- 0-500 mm Drive motor power required- 2 hp	i)-Determination of Torsional rigidity of a shaft using torsion testing machine(3 <sup>rd</sup> semester)
2	IMPACT TESTING MACHINE	Model- AIT-300-D Display- Digital I.P energy for Charpy- 300 joule I.P energy for Izod- 170 joule L.C- 2 joule pendulum drop angle for Izod - 90°	i)-Determination of toughness using impact testing machine(Charpy/Izod)(3 <sup>rd</sup> semester)
3	UNIVERSAL TESTING MACHINE	Capacity- 100 kn Effective test width- 600 mm Setting method of Testing speed- digital Display set with cursor key Weight 900 kg approx.	i)-Determination of Young's modulus, Yield point, Fracture point from stress-strain curve using UTM (3 <sup>rd</sup> semester)
4	HARDNESS TESTING MACHINE	Depth of throat- 135 mm Max depth of screw- 215 mm Dimension of machine base- 150×425 mm approx. Height- 660 mm approx. Net weight- 67 kg approx.	i)-Determination of hardness number by Rockwell hardness testing machine(3 <sup>rd</sup> semester)

## HYDRAULICS LAB

1	PELTON WHEEL TURBINE	Make- Crompton greaves Type- MEP 52 Rating- 5 H.P Total head- 24 mtrs Discharge- 840 ltrs/min Rpm-2880 Size- 80×65 mm	i)-Performance test in impulse turbine(4 <sup>th</sup> semester)
2	FRANCIS TURBINE	Power o/p- 1 H.P Runway speed- 1500 rpm Runner dia- 160 mm No. of guide vens- 10 Brake drum dia- 310 mm Rope brake dia- 15 mm PCD guide vane- 230 mm	i)-Performance test in reaction turbine(4 <sup>th</sup> semester)
3	CENTRIFUGAL PUMP	Size- 25×25 Head- 11 mtrs	i)-Performance test in centrifugal pump(4 <sup>th</sup> semester)

		RPM- 2900 Head range 8-12 mtrs BHP- 0.63 H.P- 0.75 Transmission efficiency- 80% Rating- 1 hp Current speed- 4 amp	sem)
4	HYDRAULIC BENCH	Size of table- 55×45×10 cm Measuring tank- 60 ltrs capacity Size- 40×50×30 cm Sump tank- 120 ltrs capacity Size- 40×100×30 cm Nominal dia. of pipe- 28 mm	i)-Verification of Bernoulli's theorem ii)-Determination of $C_d$ from Venturimeter iii)-Determination of $C_c, C_v, C_d$ from orifice meter(4 <sup>th</sup> semester)

## THEORY OF MACHINE LAB

1	CAM ANALYSIS	i)- Circular cam ii)- Eccentric cam iii)- Tangent cam iv)- Mushroom follower v)- Roller follower vi)- Knife edge follower vii)- Compression spring- a spring of 4.5 kg/cm & 8.5 kg/cm stiffness is provided	i)-Study of different types of cam & followers(5 <sup>th</sup> semester)
2	JOURNAL BEARING	Dia. of journal- 55 mm Dia. of bearing- 75 mm Bearing width- 75 mm Weight- 0.5 kg Motor- 1 hp RPM- 3000 Current- DC Supply required- 230v, AC stabilised	i)-Study & demonstration of journal bearing apparatus (5 <sup>th</sup> semester)
3	UNIVERSAL GOVERNOR	Drive DC motor of 0.25 hp, 500 rpm speed, speed variation arrangement provided separate linkage for governor arrangement	I)-Determination of centrifugal force of a governor(Hartnell, Watt & Porter) (5 <sup>th</sup> semester)

## COMPUTER SCIENCE & ENGINEERING

### COMPUTER APPLICATION LAB

SL NO	LAB SPECIFICATION	EXPERIMENT
1	LAB-1  Intel(R) Xeon (R)- 3.10GHz, 8GB RAM, 3TB HDD, 2008 Server- Service Pack-1	Connection of the computer system
2		Introduction to windows & its properties

3	N-Computing (30 Systems)	Introduction to dos & its properties
4		Microsoft office
5		Internet
6		Write a program to display your name using c
7		Write a program to add two numbers using c
8		Write a program to calculate the grade of a student with simple if statement using c
9		Write a program to find the greatest among two numbers using if-else statement using c
10		Write a simple program for demonstration of simple while loop using c
11		Write a program to find the factorial of a number using for loop using c
12		Write a program for implementation of functions using c
13		Write a program for implementation of passing parameters to the functions using c
14		Write a program to illustrate the use of call by value using c
15		Write a program to illustrate passing of arguments bby refernce using c
16		Write a program to illustrate the concept of passing of one-dimensional array to function using c
17	Write a program to illustrate the concept of passing of two-dimensional array to function using c	
18	Write a program to solve a factorial using recursion using c	

19		Write a program to find whether the string is a palindrome or not using c
20		Write a program to find the vowels in a given string using c
21		Write a program to concatenate two strings using c

### DATA STRUCTURE LAB

Sl no	Lab Specification	Experiment
1	<b>LAB-2</b>  Total No of Computers-36  Intel P-iv, 2.93 GHz, 512MB RAM,80GB HDD,1.44FDD 15" Monitor	Implementation of 1D & 2D Array
2		Implementation of Stack &5. Implementation of insertion & deletion in Stack
3		Pointer and its application
4		Structure & Union
5		Implementation of insertion & deletion in Queue
6		Implementation of insertion & deletion in Linked list
7		Implementation of Bubble sort
8		Implementation of Quick sort
9		Implementation of Binary tree traversal
10		Implementation of Linear search
11		Implementation of Binary search

### COMPUTER GRAPHICS & MULTIMEDIA LAB

<b>Sl no</b>	<b>Lab Specification</b>	<b>Experiment</b>
1	<b>LAB-2</b>  <b>Total No of Computers-36</b>  <b>Intel P-iv, 2.93 GHz, 512MB RAM,80GB HDD,1.44FDD 15" Monitor</b>	<b>Basic structure of a c-graphics program:</b>
2		<b>Implementing dda (digital differential analyzer) algorithm</b>
3		<b>Implementing bresenham line generation algorithm.</b>
4		<b>Implementing midpoint circle generation algorithm</b>
5		<b>Implementing area fill algorithm</b>
6		<b>C implementation flood fill algorithm fills new color until the old color match.</b>
7		<b>C implementation for boundary filling algorithm</b>
8		<b>Working with adobe photoshop</b>

**DBMS LAB**

<b>Sl no</b>	<b>Lab Specification</b>	<b>Experiment</b>
1	<b>LAB-3</b>  <b>Total No of Systems-30</b>  <b>Intel® 3.30GHz,4GB RAM,500GB HDD, 17" Monitor</b>	<b>Define sql. write commands of create, alter, describe, drop in sql.</b>
2		<b>What are the advantages of dbms? write four commands of ddl.</b>
3		<b>Write the command for the following: (i)insert(ii)update(iii)delete(iv)drop</b>
4		<b>What is a view? what are the advantages of view? write syntax of following view command: (i)creating a view (ii)deleting a view</b>
5		<b>What are the various sql operators?</b>

6		<b>Write the commands for the following(i)create (ii)insert (iii)update (iv)delete</b>
7		<b>What are the difference between truncate and delete. write their syntax</b>
8		<b>What is the use of nvl function? explain with example.</b>
9		<b>Whether any commands are used for months calculation? if so, what are they?</b>
10		<b>What are nested tables?</b>
11		<b>What is dml?</b>
12		<b>What is the difference between translate and replace?</b>
13		<b>What is null value in oracle?</b>
14		<b>What is with check option? explain with example</b>
15		<b>What is the use of aggregate functions in oracle?</b>
16		<b>What do you mean by group by clause?</b>
17		<b>What is a sub query and what are the different types of sub queries?</b>
18		<b>What is a cursor variable? what are cursor attributes?</b>
19		<b>What are privileges and grants?</b>
20		<b>How to display employee records who gets more salary than the average salary in the department?</b>
21		<b>How will you differentiate between varchar &amp; varchar2?</b>

22		What is meant by joins? list out the types of joins.
23		What is the difference between substr & instr functions?
24		How can we find out the duplicate values in an oracle table?
25		How does the on-delete-cascade statement work?
26		What is the difference between a primary key & a unique key?
27		What are the set operators union, union all, minus & intersect meant to do?

**JAVA LAB**

Sl no	Lab Specification	Experiment
1	<b>LAB-3</b>  <b>Total No of Systems-30</b>  <b>Intel® 3.30GHz,4GB RAM,500GB HDD, 17" Monitor</b>	Write a program in java to add two numbers?
2		Write a program in java to find out factorial of a number?
3		Write a program in java to find out square of a number?
4		Write a program in java to perform all arithmetic operations?
5		Write a program in java to find out average of 10 numbers?
6		Write a program in java to find out sum of ten natural numbers?
7		Write a program in java to find out area of circle?
8		Write a program in java to find out area of rectangle?
9		Write a program in java to show the use of class?

10		<b>Write a program in java to show the use of constructor?</b>
11		<b>Write a program in java to find out sum of ten natural number?</b>
12		<b>Write a program in java to find out area of circle?</b>
13		<b>Write a program in java to find out area of rectangle?</b>
14		<b>Write a program in java to find out sum of ten natural number?</b>
15		<b>Write a program in java to find out area of circle?</b>
16		<b>Write a java program to swap two numbers with using the third variable.</b>
17		<b>Write a java program to swap two numbers without using the third variable.</b>
18		<b>Write a java program to find whether a number is prime or not.</b>
19		<b>Write a java program to find whether a string or number is palindrome or not.</b>
20		<b>Write a java program to find the duplicate characters in a string.</b>



**OBJECT ORIENTED PROGRAMMING LAB**

<b>Sl no</b>	<b>Lab Specification</b>	<b>Experiment</b>
1	<b>LAB-4</b>  Total No of Computers -36  Intel Pentium D 3 GHz, 512MB RAM, 80GB HDD, 15" Monitor	<b>Object and class</b>
2		<b>Declaring and creating object constructor</b>
3		<b>Modifiers</b>
4		<b>Passing objects to method</b>
5		<b>Instance variables and class variables instance method and class method</b>
6		<b>Scope of variables interface &amp; packages</b>
7		<b>Problem on class inheritance super class &amp; sub class calling super class constructors</b>
8		<b>Calling super class methods</b>
9		<b>Object class</b>
10		<b>Number class</b>
11		<b>Processing date &amp; time</b>
12		<b>Class template and exceptional handling</b>

13		Write a program in c++ to find the average of 'n' numbers by using 'for' loop.
14		Write a program in c++ to compute $(a + b)^2$
15		Write a program in c++ to convert time in seconds to time in hours, minutes and seconds.
16		Write a program in c++ to find the sum of all even no. from 1 to 100 using class.
17		Write a program in c++ to determine whether a number is prime or not?
18		Write a program in c++ to compute simple interest and compound interest of a given principal, rate of interest and time period.
19		Write a program in c++ to check whether a given number is palindrome or not?
20		What is inheritance? write down the types of inheritance.
21		Write a program in c++ to illustrate scope resolution (::) operator?
22		What is constructor? write down the types of constructor?
23		What is a default constructor? give an example.
24		Write a program in c++ to find the factorial of a number, using nesting of member function?
25		Write a program to show single inheritance between two classes.
26		Write a program in c++ to accept a number from keyboard and print it in reverse order using inheritance.
27		What is polymorphism? what are the different types of polymorphism?
28		What is operator overloading? explain with an example?
29		What is function overloading? explain with an example?
30		Write a c++ program to swap two numbers.
31		Write a simple c++ program to illustrate binary operator overloading?

- List of Experimental Setup in each Laboratory/ Workshop

- **Computing Facilities**

- Internet Bandwidth : 50mbps
- Number and configuration of System : 286 nos
- Total number of system connected by LAN : 286 nos
- Total number of system connected by WAN : Nil
- Major software packages available : 6
- Special purpose facilities available : 14
- Innovation Cell : Available
- Social Media Cell : Available

- **List of facilities available**

- Games and Sports Facilities : Cricket, Football, Vollyball, Basket Ball, Badminton, Table Tennis, Swimming, Athletics, Multi Jim
- Extra-Curricular Activities : Debate, Essay Writing, Quiz
- Soft Skill Development Facilities : Not available

- Teaching Learning Process

- Curricula and syllabus for each of the programmes as approved by the University : **Available in the Institute website : [www.driems.ac.in/diploma](http://www.driems.ac.in/diploma)**
- Academic Calendar of the University :

**ACADEMIC CALENDAR FOR THE SESSION 2019-20**

Sl.No.	Activity	1 <sup>st</sup> Semester	3 <sup>rd</sup> /5 <sup>th</sup> /7 <sup>th</sup> (PT) Semester
1	Internship for 2 <sup>nd</sup> /4 <sup>th</sup> /6 <sup>th</sup> sem. appeared students		1.6.2019 to 29.6.2019
2	Induction Programme for 1 <sup>st</sup> semester Diploma Courses & Coverage of Bridge Course	05.08.2019 to 14.8.2019	-
3	Commencement of Semester Classes	16.8.2019	15.7.2019
4	Readmission	-	Upto 15.7.2019
	Reporting Readmission Data to SCTEVT online		Upto 22.7.2019
5	Issue of SCTE&VT Registration Numbers	15.9.2019	15.9.2019( 3 <sup>rd</sup> sem LE students)
6	Semester Exams Registration(Regular students)	3rd week of September 2019	3rd week of September 2019
7	1 <sup>st</sup> Internal Assessment for 5 <sup>th</sup> Sem.	-	3rd Week of August 2019
8	2 <sup>nd</sup> Internal Assessment/ Internal Test for 1 <sup>st</sup> & 3 <sup>rd</sup> Sem	4th week of October 2019	3rd week of September 2019
9	Puja Holidays	5.10.2019 to 12.10.2019	5.10.2019 to 12.10.2019
10	Closing of Attendance	30.11.2019	31.10.2019
11	Tentative Date of Semester Examination	10.12.2019 (1 <sup>st</sup> & 4 <sup>th</sup> B)	15.11.2019 (3 <sup>rd</sup> , 5 <sup>th</sup> , 7 <sup>th</sup> , 2 <sup>nd</sup> (B) & 6 <sup>th</sup> (B))
Sl.No.	Activity	2nd Semester	4 <sup>th</sup> /6 <sup>th</sup> /8 <sup>th</sup> (PT) Semester
12	Commencement of Classes	2.1.2020	2.12.2019
13	X'Mas Holidays		25.12.2019 to 31.12.2019
14	Readmission	Upto 16.1.2020	Upto 16.12.2019
15	Reporting Readmission Data to SCTEVT online	Upto 24.1.2020	Upto 23.12.2019
16	Semester Exams Registration(Regular students)	1st week of February 2020	1st week of January 2020
17	1 <sup>st</sup> Internal Assessment for 6 <sup>th</sup> sem.		3 <sup>rd</sup> Week of Jan. 2020
18	2 <sup>nd</sup> Internal Assessment for 6 <sup>th</sup> sem./ Internal Assessment for 2 <sup>nd</sup> /4 <sup>th</sup> Sem.	4th week of Feb 2020	4th week of Feb 2020
19	Closing of Attendance	30.4.2020	31.3.2020
20	Branch Change of 2 <sup>nd</sup> sem. Students by Principals	31.3.2020	-
21	Tentative Date of Semester Examination	7.5.2020 (2nd & 3rd (B))	10.4.2020 (4th, 6th, 8 <sup>th</sup> , 1st(B) & 5 <sup>th</sup> (B))
22	Tentative Date of Publication of Results	31.7.2020	30.6.2020

NB:

- There shall be 39 periods of class per week and each of minimum 55 minutes duration for 1<sup>st</sup>/2<sup>nd</sup>/3<sup>rd</sup>/4<sup>th</sup>/5<sup>th</sup>/6<sup>th</sup>/7<sup>th</sup>(PT)/8<sup>th</sup>(PT)semester.
- Principals are required to arrange extra classes during Holidays and Off hours, wherever necessary, to complete the coverage of syllabus in time.
- Annual Athletic Meet, Annual Cultural Meet may be conducted on suitable dates during Even semesters.
- The Internship Policy of AICTE is to be scrupulously followed and to be arranged by Institution. Induction Programme for 1<sup>st</sup> semester students is to be implemented as per AICTE APH 2019-20.

*B. S. S. S.*  
4/9/19

- Academic Time Table with the name of the Faculty members handling the Course

**4TH SEMESTER MECHANICAL BRANCH**

DAY	SEC	9.00-9.55	09.55-10.50	10.50-11.45	11.45-12.40		1.15-2.10	2.10-3.05	3.05-4.00
MON	A	ET (SH)	FMHM(RKS)	TE(NB)	MFT(SSR)	BREAK LUNCH	W/S PRACTICE(SSR/SN)		
	B	ET (SH)	FMHM LAB 1 & 2 (BKS/BS)				FMHM(SA)	TOM(BKS)	MFT(BS)
	C	ET (AG)	FMHM(SS/MFT(AKS) TOM(CT)				FMHM LAB 1 & 2(SMB/RKS)		
TUE	A	FMHM(RKS)	FMHM LAB-1&2 (SSR/CT)				ELP (SH/AL)		
	B	FMHM(SA)	TE(SMB)	ET (SH)	TOM(BKS)		W/S PRACTICE (NB/KKP)		
	C	TE(SN)	W/S PRACTICE(BS/RKS)				TOM(CT)	MFT(AKS)	FMHM(SSR)
WED	A	TE(NB)	ELP (SH/AL)				TOM(AKS)	FMHM(RKS)	MFT(SSR)
	B	TOM(BKS)	W/S PRACTICE (NB/KKP)				MFT(BS)	FMHM(SA)	TE(SMB)
	C	FMHM(SSR)	ET (AG)	TOM(CT)	TE(SN)		W/S PRACTICE(BS/RKS)		
THU	A	ET (SH)	TE(NB)	FMHM(RKS)	TOM(AKS)		FMHM LAB-1&2 (SSR/CT)		
	B	TOM(BKS)	FMHM LAB (BKS/BS)				ET (SH)	FMHM(SA)	MFT(BS)
	C	MFT(AKS)	TE(SN)	ET (AG)	FMHM(SSR)		ELP (AG/AP)		
FRI	A	MFT(SSR)	ET (SH)	TOM(AKS)	FMHM(RKS)	W/S PRACTICE (SSR/SN)			
	B	TE(SMB)	ELP (SH/KBS)			FMHM(SA)	ET (SH)	MFT(BS)	
	C	TOM(CT)	ELP (AG/AP)			FMHM(SSR)	MFT(AKS)	ET (AG)	
SAT		9.00-9.55	9.55-10.50	10.50-11.45	11.45-12.40				
	A	TOM(AKS)	ET (SH)	MFT(SSR)	TE(NB)				
	B	TE(SMB)	ELP (SH/KBS)						
	C	TE(SN)	FMHM LAB (SMB/RKS)						

**6TH SEMESTER MECHANICAL**

**6TH SEMESTER MECHANICAL**

DAY	SEM/SE	9.00-9.55	09.55-10.50	10.50-11.45	11.45-12.40		01.15-2.10	2.10-3.05	3.05-4.00
MON	6TH A	AEL-1(RKM) / ACL-2 (TTS)		AE(RM)	AMF(SMB)	BREAK LUNCH	PROJECT(RKM/TTS)		
	6TH B	PPE(DJ)	AMF(CT)	AEL-1(PKS)/ ACL-2(SN)			IE(SN)	AE(SKR)	EIM(NB)
	6TH C	IE(RKM)	PPE(SD)	AMF(RKS)	EIM(KKP)		AE(PKS)	AEL-1(SA)/ ACL-2(AKS)	
	6TH D	AE(AJ)	AMF(PKS)	PPE(ID)	EIM(SD)		IE(TTS)	AEL-1(DJ) / LS-2(SD)	
TUE	6TH A	PPE(TTS)	EIM(BKS)	IE(BS)	AE(RKM)		AMF(SMB)	AEL-1(RKM) / LS- 2(TTS)	
	6TH B	AEL- 1(PKS) / ACL- 2(SN)		EIM(NB)	PPE(DJ)		PROJECT(PKS/BKS)		
	6TH C	AE(PKS)	IE(RKM)	AEL-1(SA) / ACL-2			PPE(SD)	AMF(RKS)	EIM(KKP)
	6TH D	EIM(SD)	AE(AJ)	IE(TTS)	PPE(ID)		AEL-1(DJ) /		
WED	6TH A	AE(RKM)	IE(BS)	EIM(BKS)	AMF(SMB)		PPE(TTS)	AEL-1(RKM) / ACL-2 (TTS)	
	6TH B	AMF(CT)	IE(SN)	AEL-2(PKS) / LS- 1(AKS)			AE(SKR)	AEL-1(PKS) / LS- 2(NB)	
	6TH C	AEL-2(SA) / ACL- 1(AKS)		AMF(RKS)	EIM(KKP)		PROJECT(SA/SMB)		
	6TH D	AE(AJ)	IE(TTS)	AEL-1(DJ) / ACL-2(SD)			PPE(ID)	EIM(SD)	AMF(PKB)
THU	6TH A	AMF(SMB)	PPE(TTS)	AEL-2(RKM) / ACL- 1(TTS)		IE(BS)	AE(RKM)	EIM(BKS)	
	6TH B	PPE(DJ)	AMF(CT)	IE(SN)	AE(SKR)	EIM(NB)	AEL-2(PKS) / ACL- 1(SN)		
	6TH C	EIM(KKP)	PROJECT(SA/SMB)			AE(PKS)	AEL-1(SA) / LS- 2(RKS)		
	6TH D	AEL-2(DJ) / ACL-1(SD)		AMF(PKM)	EIM(SD)	PROJECT(AKS/DJ)			
FRI	6TH A	EIM(BKS)	PROJECT(RKM/TTS)			IE(BS)	EM(SB)	CS(AL)	
	6TH B	AE(SKR)	IE(SN)	AEL- 2(PKS) / ACL- 1(SN)		EIM(NB)	PPE(DJ)	AMF(CT)	
	6TH C	IE(RKM)	AMF(RKS)	PPE(SD)		AE(PKS)	AEL-2(SA) / LS- 1(BKS)		
	6TH D	AEL-1(DJ) / ACL-2(SD)		AE(AJ)	IE(TTS)	PROJECT(AKS/DJ)			
SAT		9.00-9.55	9.55-10.50	10.50-11.45	11.45-12.40				
	6TH A	PPE(TTS)	EIM(BKS)	AEL-2(RKM) / LS- 1(BS)					
	6TH B	EIM(NB)	PROJECT(PKS/BKS)						
	6TH C	IE(RKM)	EIM(KKP)	AEL-2(SA) / ACL- 1(AKS)					
	6TH D	AEL-2(DJ) / LS- 1(SSR)		PPE(ID)	EIM(SD)				

**TIME TABLE-2019(6<sup>TH</sup> SEM) CIVIL ENGINEERING**

Time/day	9.00-9.55	9.55-10.50	10.50-	11.45-	B	1.15-2.10	2.10-	3.05-
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			11.45	12.40			3.05	4.00
MON	SD-II(DJ)	SURP-II(DP/SS)			R	ESTP-II(SD)		ACTE (DP)
TUE	EST-II (SD)	SURP-II(DP/RLP)			E	ACTE (DP)	ES(LPB)	
WED	SD-II(DJ)	R&B(SS)	EST-II (SD)		A	P&S(SD/LPB)		
THUR	ACTE (DP)	R&B(SS)		ES(LPB)	K	P&S(SD/DJ)		
FRI	ES(LPB)	EST-II (SD)		R&B (SS)	TI	SDP-II(SD/DJ)		
SAT	9.00-10.00	10.00-10.55	10.55-11.50	11.50-12.45	M			
	ES(LPB)	ACTE(DP)	SD-II(DJ)		E			

**TIME TABLE-2019(4<sup>TH</sup> SEM) CIVIL ENGINEERING**

Time/day	9.00-9.55	9.55-10.50	10.50-11.45	11.45-12.40	B	1.15-2.10	2.10-3.05	3.05-4.00
MON	GE(RLP)		EST-I(LPB)		R	IE(DP)	AS(SS)	
TUE	WSWE (RLP)	EST-I(LPB)		AS (SS)	E	CED-II(GR-I)/CWP(GR-II) (DJ) (SS)		
WED	IE(DP)		EST-I (LPB)	ESTP-I (LPB)	A	WSWE (RLP)		AS(SS)
THUR	ESTP-I (LPB)	CED-II(GR-II)/CWP(GR-I) (DJ) (SD)			K	AS(SS)	GE(RLP)	
FRI	ESTP-I (SS/RLP)		WSWE (DJ)		TI	GE(RLP)	IE(DP)	
SAT	9.00-10.00	10.00-10.55	10.55-11.50	11.50-12.45	M			
	CED-II/CWP (SD-GR-I)(RLP-GR-II)		CED-II/CWP (RLP-GR-I)(LPB-GR-II)		E			

**TIME TABLE FOR 2nd SEMESTER STUDENTS**

DAY	SEC	9.00-955	9.55-1050	10.50-11.45	11.45-12.40	1.15-2.10	2.10-3.05	3.05-4.00
MON	A	MATH(PB)	CA(KD)	SCA(RP)	CHEM(DS)	ED		
	B	CA(SA)	BETC(SRM)	MATH(JR)	MATH(JR)	BE	CA-1(SG)/CHEM-2(PRS)	
	C	BETC(SMN)	MATH(MM)	CA-2(PK)/CHEM-1(AKP)		TS(PB)		CA(PK)
	D	EM(SS)	WS			ENG(AM)	MATH(AS)	ENG(AKS)
	E	ENG(AM)	EM(PKS)	PHY-1(GM)/ENG-2(LNB)		SCA(RP)	PHY(GM)	MATH(LP)
	F	TS(LP)		PHY(PCS)	EM(DJ)	MATH(MM)	PHY-1(PCS)/ENG-2(LNB)	
TUE	A	BETC(BM)	MATH(PB)	CA-1(KD)/CHEM-2(DS)		CA(KD)	TS(JR)	
	B	TS(MM)		MATH(JR)	BE	CHEM(DS)	CA-2(SG)/CHEM-1(PRS)	
	C	MATH(MM)	ED			BETC(SMN)	CHEM(AKP)	SCA(AKP)
	D	PHY(PCS)	EM(SS)	MATH(AS)	SCA(GM)	MATH(AS)	PHY-1(PCS)/ENG-2(LNB)	
	E	MATH(LP)	PHY(GM)	PHY-2(GM)/ENG-1(AKS)		WS		
	F	PHY-2(PCS)/ENG-1(AM)		PHY(PCS)	ENG(AM)	MATH(MM)	ENG(LNB)	MATH(MM)
WED	A	CHEM(RP)	ED			BE	CA-2(KD)/CHEM-1(RP)	
	B	MATH(JR)	CHEM(PRS)	TS(MM)		CA(SG)	SCA(PRS)	
	C	CHEM(AKP)	SCA(AKP)	CA-1(PK)/CHEM-2(DS)		MATH(MM)	BE	CA(PK)
	D	PHY(PCS)	MATH(AS)	ENG(LNB)	MATH(AS)	EM(SS)	TS(PB)	
	E	ENG(AKS)	WS			EM(PKS)	PHY-1(GM)/ENG-2(AKS)	
	F	EM(DJ)		PHY-2(PCS)/ENG-1(AM)		SCA(GM)	MATH(MM)	ENG(AM)
THU	A	CA(KD)	MATH(PB)	CA-2(KD)/CHEM-1(RP)		BETC(BM)	TS(JR)	
	B	SCA(PRS)	CA(SG)	CHEM(PRS)	BETC(SRM)	ED		
	C	MATH(MM)	MATH(MM)	BE	SCA(AKP)	CHEM(DS)	CA-1(PK)/CHEM-2(AKP)	
	D	PHY(PCS)	ENG(AKS)	PHY-2(PCS)/ENG-1(AKS)		WS		
	E	TS(AS)		MATH(LP)	PHY(GM)	MATH(LP)	PHY-2(GM)/ENG-1(AM)	
	F	ENG(AKS)	PHY(PCS)	TS(LP)			SCA(GM)	MATH(MM)
FRI	A	BE	MATH(PB)	CA-1(KD)/CHEM-2(RP)		CA(KD)	CHEM(RP)	SCA(RP)
	B	MATH(JR)	ED			CA(SG)	CA-2(SG)/CHEM-1(DS)	
	C	MATH(MM)	CA(PK)	TS(PB)		ED		
	D	TS(AS)		PHY-1(PCS)/ENG-2(AKS)		SCA(GM)	MATH(AS)	PHY(PCS)
	E	EM(PKS)		PHY(GM)	MATH(LP)	ENG(LNB)	SCA(RP)	
	F	SCA(GM)	WS			PHY-1(PCS)/ENG-2(AM)		
SAT		8.30-09.30	09.30-10.25	10.25-11.20	11.20-12.15			
	A	SCA(RP)	MATH(PB)	CHEM(RP)	MATH(PB)			
	B	CA-1(SG)/CHEM-2(PRS)		MATH(JR)	CHEM(PRS)			
	C	CHEM(AKP)	CA(PK)	CA-2(PK)/CHEM-1(AKP)				
	D	PHY-2(PCS)/ENG-1(AM)		EM(SS)	SCA(GM)			
	E	TS(AS)		MATH(LP)	ENG(AKS)			
	F	PHY(PCS)	WS					

- Teaching Load of each Faculty :

Principal : 4 hours / week

Sr. Lecturer/HoDs : 14 hours / week

Lecturer : 20 hours / week

- Internal Continuous Evaluation System and place :
- Student's assessment of Faculty, System in place :

### 16. Enrollment of students in the last 3 years

Year	Regular	Lateral
2019	482	
2018 ~	382	
2017~	381	110
2016~	399	099

### 17. List of Research Projects/ Consultancy Works

- Number of Projects carried out, funding agency, Grant received : Nil
- Publications (if any) out of research in last three years out of masters projects : Nil
- Industry Linkage : 5nos
- MoUs with Industries (minimum 3): 3nos

### 18. LoA and subsequent EoA till the current Academic Year

: available in the Institute Website : [www.driems.ac.in/diploma](http://www.driems.ac.in/diploma)

### 19. Accounted audited statement for the last three years :

#### 2018-19

<u>Income</u>	<u>In Lakhs</u>
Income From Central Govt:	0
Income From UGC:	0
Income From State Govt:	0
Income From Other Bodies:	0
Income From Student Fees:	633.63
Income From Other/ Internal Revenue:	6.53
Income From Donations:	0
Total Income:	640.15
<u>Expenditure</u>	
Salary Teaching Staff:	202.68
Equipment:	12.72
Remuneration to Visiting/Guest:	4.26
Building Maintainance:	43.14
Salary Non-teaching Staff:	85.76
Other Expenditure:	214.86
Library:	1.57
Total Expenditure:	564.99
Surplus / Deficit:	Y - surplus

#### 2017-18

<u>Income</u>	<u>In Lakhs</u>
Income From Central Govt:	0
Income From UGC:	0
Income From State Govt:	0
Income From Other Bodies:	0
Income From Student Fees:	538.23
Income From Other/ Internal Revenue:	6.35
Income From Donations:	0
Total Income:	544.57
<u>Expenditure</u>	
Salary Teaching Staff:	179.56
Equipment:	10.34
Remuneration to Visiting/Guest:	04.26
Building Maintainance:	03.73
Salary Non-teaching Staff:	60.29
Other Expenditure:	190.87



<b>Library:</b>	0.72
<b>Total Expenditure:</b>	449.793
<b>Surplus / Deficit:</b>	Y - surplus

**2016-17**

<b><u>Income</u></b>	<b><u>In Lakhs</u></b>
<b>Income From Central Govt:</b>	0
<b>Income From UGC:</b>	0
<b>Income From State Govt:</b>	0
<b>Income From Other Bodies:</b>	0
<b>Income From Student Fees:</b>	519.37
<b>Income From Other/ Internal Revenue:</b>	3.52
<b>Income From Donations:</b>	0
<b>Total Income:</b>	522.89
<b><u>Expenditure</u></b>	
<b>Salary Teaching Staff:</b>	180.66
<b>Equipment:</b>	26.94
<b>Remuneration to Visiting/Guest:</b>	4.04
<b>Building Maintainance:</b>	5.70
<b>Salary Non-teaching Staff:</b>	50.71
<b>Other Expenditure:</b>	180.60
<b>Library:</b>	0.92
<b>Total Expenditure:</b>	449.575
<b>Surplus / Deficit:</b>	Y - surplus

20. Best Practices adopted, if any