



**APPROVAL PROCESS 2021-22**

**Extension of Approval (EoA)**

F.No. Western/1-9322604907/2021/EOA

Date: 02-Jul-2021

To,

The Secretary,  
Tech. & Higher Education Deptt.  
Govt. of Maharashtra, Mantralaya,  
Annexe Building, Mumbai-400032

**Sub: Extension of Approval for the Academic Year 2021-22**

Ref: Application of the Institution for Extension of Approval for the Academic Year 2021-22

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education) (1<sup>st</sup> Amendment) Regulations, 2021 notified on 24th February 2021 and other notifications as applicable and published from time to time, I am directed to convey the approval to

<b>Permanent Id</b>	1-434118461	<b>Application Id</b>	1-9322604907
<b>Name of the Institution /University</b>	Y. B. PATIL POLYTECHNIC	<b>Name of the Society/Trust</b>	DR. D. PATIL PRATISHTAN
<b>Institution /University Address</b>	PCNTDA, SECTOR-29, AKURDI, PUNE, PUNE, Maharashtra, 411044	<b>Society/Trust Address</b>	AJINKYA TARA, TARABAI PARK, KOLHAPUR, KOLHAPUR, Maharashtra, 416003
<b>Institution /University Type</b>	Private-Self Financing	<b>Region</b>	Western

**To conduct following Programs / Courses with the Intake indicated below for the Academic Year 2021-22**

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2020-21	Intake Approved for 2021-22	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
ENGINEERING AND TECHNOLOGY	DIPLOMA	CIVIL ENGINEERING	Maharashtra State Board of Technical Education, Mumbai	120	60	NA	NA
ENGINEERING AND TECHNOLOGY	DIPLOMA	COMPUTER ENGINEERING	Maharashtra State Board of Technical Education, Mumbai	60	120	NA	NA
ENGINEERING AND TECHNOLOGY	DIPLOMA	ELECTRONICS & COMMUNICATION ENGG	Maharashtra State Board of Technical Education, Mumbai	60	60	NA	NA

ENGINEERING AND TECHNOLOGY	DIPLOMA	MECHANICAL ENGINEERING	Maharashtra State Board of Technical Education, Mumbai	60	60	NA	NA
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**It is mandatory to comply with all the essential requirements as given in APH 2021-22 (Appendix 6)**

### Important Instructions

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages 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. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years.
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time now amalgamated as total intake shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2021-22 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook.
3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Complaint Committee (ICC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as per the provisions made in Approval Process Handbook and AICTE Regulation notified from time to time.
4. 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.

**Prof.Rajive Kumar**  
**Member Secretary, AICTE**

Copy \*\* to:

1. **The Director of Technical Education\*\*, Maharashtra**
2. **The Principal / Director,**  
Y. B. PATIL POLYTECHNIC  
Pcntda, Sector-29,  
Akurdi,  
Pune,Pune,  
Maharashtra,411044
3. **The Secretary / Chairman,**  
AJINKYA TARA, TARABAI PARK  
KOLHAPUR,KOLHAPUR  
Maharashtra,416003
4. **The Regional Officer,**  
All India Council for Technical Education  
Industrial Assurance Building  
2nd Floor, Nariman Road  
Mumbai - 400 020, Maharashtra

## 5. Guard File(AICTE)

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

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\*\* 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.

*This is a computer generated Statement. No signature Required*

## MANDATORY DISCLOSURE

1. Name of the Institution :- Y. B. Patil Polytechnic  
Address of the Institution :- Sector No. 29, Near Akurdi Railway Station, Nigdi – Pradhikaran, Akurdi,  
City & Pin Code :- Pune-411044  
State / UT :- Maharashtra  
Longitude & Latitude :- 73<sup>0</sup>55min East / 18<sup>0</sup> 31min North Resp  
Phone number with STD Code :- 02027659147  
FAX number with STD code :- 02027659147  
Email ID :- [principalyb@gmail.com](mailto:principalyb@gmail.com),  
[principal@ybppolytechnic.ac.in](mailto:principal@ybppolytechnic.ac.in)  
Website :- [www.ybppolytechnic.org](http://www.ybppolytechnic.org)  
Nearest Railway Station(dist in Km) :- Akurdi Railway Station, 01 km  
Nearest Airport (dist in Km) :- Lohgaon, 20km
2. Name of the Trust :- Dr. D.Y. Patil Pratishthan, KOLHAPUR  
Address of the organization :- 2126E, Ajikyatar, Tarabai Park,  
Kolhapur-416003  
Tel. No. :- 231/2653288/89/90 fax. 2653426  
Registered with :- Charity Commissioner, KOLHAPUR  
Registration date:- :- 27/12/1990  
Email Id :- [dypkolhapur@rediffmail.com](mailto:dypkolhapur@rediffmail.com)
3. Name of Principal :- Prof. A.S. Kondekar  
Designation :- PRINCIPAL  
Phone & Mobile number :- 020/27654121,  
FAX number with STD code :- 02027659147  
Email :- [principalyb@gmail.com](mailto:principalyb@gmail.com),  
[principal@ybppolytechnic.ac.in](mailto:principal@ybppolytechnic.ac.in)  
Highest Degree :- M.E.(Production Engg.), Ph.D (Persuing)
4. Name of the affiliating Board :- MSBTE, Mumbai  
Address :- Govt. Poly. Building. 3rd Floor, Ali Avar  
Jang Marg, Bandra East, Mumbai 400051  
Website :- [www.msbte.org.in](http://www.msbte.org.in)

## 5 Governance

## a. Members of the Board and their brief background

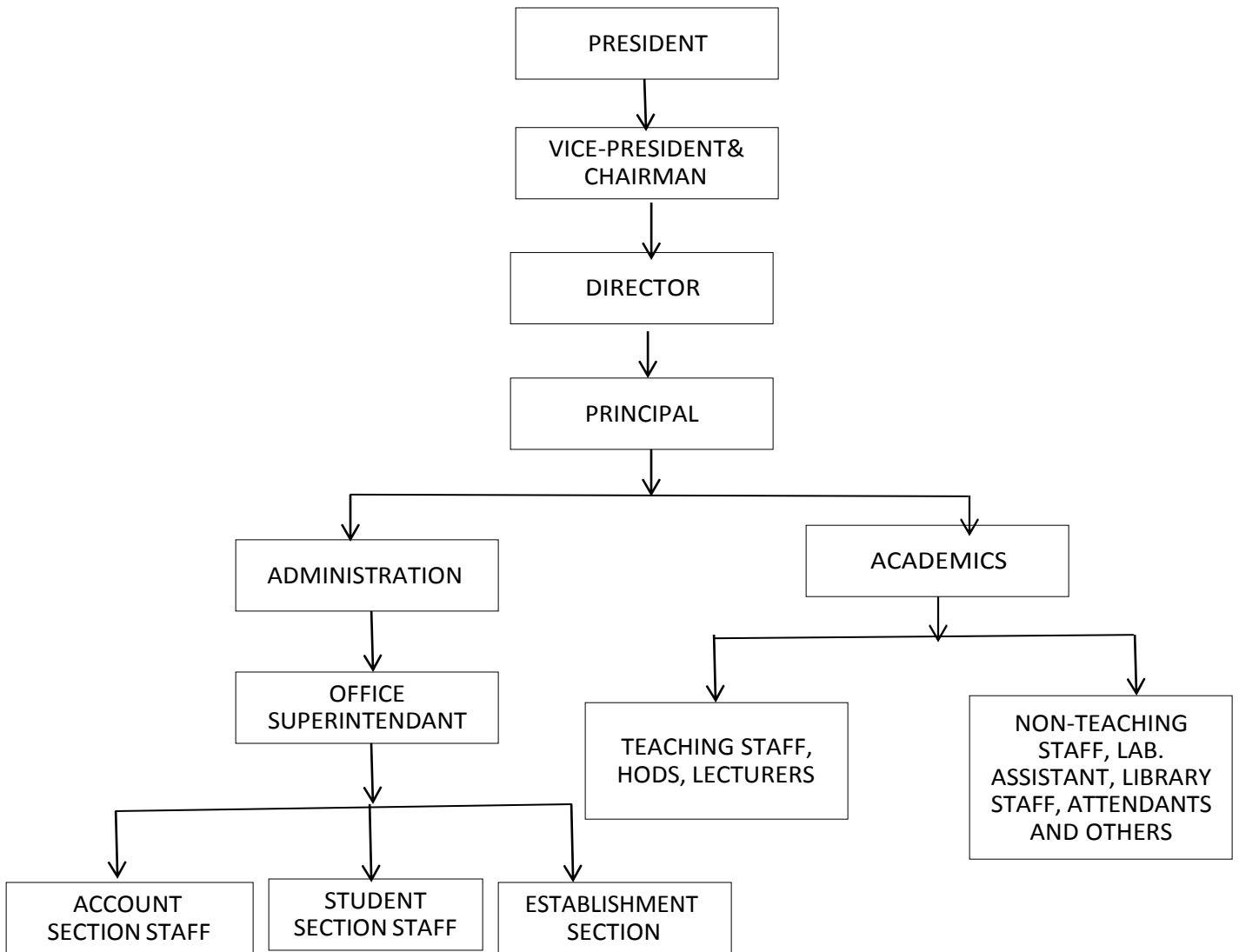
<b>Sr. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Particulars</b>
01	Shri. Satej D. Patil Vice-President, Dr. D. Y. Patil Pratishthan, Kolhapur-416003	Chairman	Nominee of the Trust
02	Shri. Sanjay D. Patil President, Dr. D. Y. Patil Pratishthan, Kolhapur-416003	Member	Nominee of the Trust
03	Mrs. Pratima S. Patil Trustee, Dr. D. Y. Patil Pratishthan, Akurdi, Pune-411044	Member	Nominee of the Trust
04	Wg. Cdr. P.V.C. Patil (Retd.), Executive Director, Institute For Advanced Computing & Software Development, Akurdi, Pune-411044	Member	Nominee of the Trust
05	Col. S. K. Joshi (Retd.), Director, Dr. D. Y. Patil Pratishthan, Akurdi, Pune-411044	Member	Nominee of the Trust
06	Dr. S. S. Sarnobat, Lecturer (Mechanical Engineering), D. Y. Patil College of Engineering, Akurdi, Pune-411044	Member	Nominee of the Trust
07	Shri. Sushil Ambekar Industry Representative, DGM (Machine Shop), GL&V India Pvt. Ltd., Pune	Member	Representative of the Industry
08	Mrs. M. V. Vibhute HOD in E&TC , Y. B. Patil Polytechnic, Akurdi, Pune-411044	Member	Faculty representative
09	Shri. D. V. Moghekar HOD in Mechanical Engineering, Y. B. Patil Polytechnic, Akurdi, Pune-411044	Member	Faculty representative
10	Mrs. S. R. Muley HOD in Computer Engineering, Y. B. Patil Polytechnic, Akurdi, Pune-411044	Member	Faculty representative
11	Shri. A. H. Patil HOD in Civil Engineering, Y. B. Patil Polytechnic, Akurdi, Pune-411044	Member	Faculty representative
12	Shri. M. D. Koulavkar Office Superintendent, Y. B. Patil Polytechnic, Akurdi, Pune-411044	Member	Faculty representative
13	Prof. A. S. Kondekar Principal, Y. B. Patil Polytechnic, Akurdi, Pune-411044	Member Secretary	Member Secretary

b. Members of Academic Advisory Body

<b>Sr. No.</b>	<b>Name</b>	<b>Designation</b>
01	Col. S. K. Joshi (Retd.), Director, Dr. D. Y. Patil Pratishthan, Akurdi, Pune-411044	Chairman
02	Mrs. S. R. Muley HOD in Computer Engineering, Y. B. Patil Polytechnic, Akurdi, Pune-411044	Co-ordinator
03	Mrs. M. V. Vibhute HOD in E&C , Y. B. Patil Polytechnic, Akurdi, Pune-411044	Member
04	Shri. D. V. Moghekar HOD in Mechanical Engineering, Y. B. Patil Polytechnic, Akurdi, Pune-411044	Member
05	Shri. A. H. Patil HOD in Civil Engineering, Y. B. Patil Polytechnic, Akurdi, Pune-411044	Member
06	Shri. M. D. Koulavkar Office Superintendent, Y. B. Patil Polytechnic, Akurdi, Pune-411044	Member
07	Prof. A. S. Kondekar Principal, Y. B. Patil Polytechnic, Akurdi, Pune-411044	Member Secretary

c. Frequently of the Board Meeting and Academic Advisory Body : **Yes**

d. Organizational chart and processes



<ul style="list-style-type: none"> <li>• Student feedback mechanism on Institutional Governance / faculty performance</li> </ul>	<p>Format as prescribed by MSBTE is used Along with additional formats prepared to take the feedback from the students</p>
<ul style="list-style-type: none"> <li>• Grievance redressal mechanism for faculty, staff and students</li> </ul>	<p>A Suggestion box is kept in the office which is opened twice in a month and the committee formed takes the necessary remedial actions.</p>

- e. Nature and Extent of involvement of Faculty and students in academic affairs/ improvements : Yes
- f. Mechanism/ Norms and Procedure for democratic/ good Governance : Yes
- g. Student Feedback on Institutional Governance/ Faculty performance : Yes
- h. Grievance Redressal mechanism for Faculty, staff and students

Sr. No.	Name of Member	Designation
1	Prof. A. S. Kondekar	Chairman
2	Mr. S. A. Korde	Member
3	Mrs. S. N. Bhatlawande	Member
4	Rahul Jha	Student Representative
5	Nikhil Sharma	Student Representative
6	Ajinkya Kalokhe	Student Representative

**i. Establishment of Anti Ragging Committee**

Sr. No.	Name of Member	Designation
1	Prof. A. S. Kondekar	Chairman
2	Mrs. S. R. Muley	Member
3	Mr. A. H. Patil	Member
4	Mr. D. V. Moghekar	Member
5	Mrs. S. P. Nalbilwar	Member

- j. Establishment of Online Grievance Redressal Mechanism : YES
- k. Establishment of Grievance Redressal Committee in the Institution : Yes

**l. Establishment of Internal Complaint Committee (ICC)**

Sr. No.	Name of Member	Designation
1	Mrs. S. R. Muley	Chairman
2	Mrs. M. V. Vibhute	Member
3	Mr. A. H. Patil	Member
4	Mrs. Sujata J. Patil	Member
5	Mr. Yogesh Gurram	Member
6	Sakshi Kashid	Student Member
7	Achhra Divesh	Student Member
8	Mallikarjun S. Hebale	Student Member

**m. Establishment of Committee for SC/ ST**

Sr. No.	Name of Member	Designation
1	Mr. M. D. Walekar	Chairman
2	Mrs. Archana V. Bansod	Member
3	Mrs. Sureshini S. Gawai	Member
4	Mr. Ambadas Waghmare	Member
5	Ms. Ranjana Brahmane	Member



### n. Internal Quality Assurance Cell

Sr No	Name	Designation
1.	Col.S.K.Joshi(Retd),Campus Director	Management Representative
2.	Prof.A.S.Kondekar,Principal	Chairman
3.	Mrs.S.R.Muley,HOD	Coordinator
4.	Shri.R.M.Chougule,FY Incharge	Member
5.	Mrs.M.V.Vibhute,HOD	Member
6.	Shri.D.V.Moghekar,HOD	Member
7.	Shri.A.H.Patil,HOD	Member
8.	Mrs.V.S.Godbole,Faculty	Member
9.	Shri.M.D.Walekar,Faculty	Member
10.	Shri.N.S.Swami,Faculty	Member
11.	Mrs.P.S.Ahuja,Faculty	Member
12.	Mrs.S.P.Nalbilwar,Faculty	Member
13.	Shri.C.M.Pattanshetty,TPO	Member
14.	Shri.M.D.Kaulavkar,OS	Member
15.	Dr.V.A.Kulkarni,Academician	Member
16.	Dr.S.S.Sarnobat, Academician	Member
17.	Mr. Ravi Kadali,Industrialist	Member
18.	Sagar Daralkar,Alumni Respresentive	Member
19.	Mallikarjun Hebale,Student	Member

### 6 Programmes

- Name of Programmes approved by AICTE – **Engineering and Technology**
- Name of Programmes Accredited by NBA : Not Applied
- For each Programme the following details are to be given:

Sr. No.	Name of Course	Intake	Duration	Fee	Placement Facilities
1	Civil Engg.	120	3	55000/-	Yes
2	Computer Engg.	60	3	55000/	Yes
3	Electronics & Comm. Engg	60	3	55000/	Yes
4	Mechanical Engg.	60	3	55000/	Yes

- Cut of Marks / rank of admission during the last three years

Sr. No.	Course	Last three years cut of marks		
		2020-21	2019-20	2018-19
1	Civil Engineering	46.00%	50.20%	44.00%
2	Computer Engineering	82.00%	71.60%	43.23%
3	Electronics & Communication Engineering	53.67%	47.00%	49.20%
4	Mechanical Engineering	42.60 %	50.60 %	51.40%

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

Sr. No.	Course	Academic Year	Campus placement in last three years		
			Minimum salary L.P.A.	Maximum salary	Average salary
1	Civil Engineering	2019-20	-	-	-
		2018-19	5.4	1.5 LPA	2.55 LPA
		2017-18	-	-	-
2	Computer Engineering	2019-20	1.8 LPA	1.8 LPA	1.8 LPA
		2018-19	1.5 LPA	1.5 LPA	1.5 LPA
		2017-18	1.2 LPA	2.0 LPA	1.6 LPA
3	Electronics & Communication Engineering	2019-20	2.8 LPA	2.8 LPA	2.8 LPA
		2018-19	1.8 LPA	2.75 LPA	2.18 LPA
		2017-18	1.2 LPA	1.2 LPA	1.2 LPA
4	Mechanical Engineering	2019-20	1.44 LPA	3.0 LPA	1.8 LPA
		2018-19	1.44 LPA	3.14 LPA	2.5 LPA
		2017-18	1.44 LPA	1.8 LPA	1.5 LPA

## 7 Faculty

- Branch wise list Faculty members:

Sr. No.	Name of Staff	Designation
1	Prof. A. S. Kondekar	Principal
<b>First Year</b>		
2	Mr. R. M. Chougule	First Year Incharge
3	Mr. M. D. Walekar	Lecturer
4	Mr. D. D. Shinde	Lecturer
5	Mrs. V. T. Patil	Lecturer
6	Mrs. P. P. Kulkarni	Lecturer
7	Mrs. S. T. Thakur	Lecturer
<b>Computer Engineering</b>		
8	Mrs. S. R. Muley	HOD
9	Mrs. P. S. Ahuja	Lecturer
10	Mrs. A. V. Bansod	Lecturer
11	Mr. S. A. Korde	Lecturer
12	Mrs. S. S. Gawai	Lecturer
13	Ms. A. A. Mohite	Lecturer
14	Mrs. Dhanashree Varute	Lecturer
15	Mrs. Kalyani Amrutkar	Lecturer
<b>Mechanical Engineering</b>		
16	Mr. D. V. Moghekar	HOD
17	Mr. N. S. Swami	Lecturer
18	Mr. C. M. Pattanshetty	Lecturer
19	Ms. Ranjana Bramhane	Lecturer
20	Mr. A. S. Waghmare	Lecturer
21	Mrs. V. R. Jadhav	Lecturer
22	Mr. Nitin M. Gaikwad	Lecturer
23	Mrs. S. A. Naik	Lecturer
24	Mr. H. D. Babar	Lecturer
<b>Civil Engineering</b>		
25	Mr. A. H. Patil	HOD
26	Mrs. S. P. Nalbilwar	Lecturer
27	Ms. P. P. Wadkar	Lecturer
28	Mrs. M. S. Shewale	Lecturer
29	Mr. A. B. Ghongade	Lecturer
30	Mrs. M. A. Bashani	Lecturer
31	Ms. M. S. Rudrawar	Lecturer
32	Mrs. S. R. Shelar	Lecturer
33	Ms. Sheetal Dolas	Lecturer
34	Mr. Ravindra Rode Patil	Lecturer
35	Mr. Jagdish Patil	Lecturer
36	Mr. C. A. Mahadik	Lecturer
<b>Electronics &amp; Communication Engineering</b>		
37	Mrs. Manisha Vipin Vibhute	HOD
38	Mrs. Vidya Sandeep Godbole	Lecturer
39	Mrs. Sulakshana Nishikant Bhatlawande	Lecturer
40	Mrs. Vaijayanti S. Yeole	Lecturer
41	Mr. S. P. Kulkarni	Lecturer

- **Faculty: Student Ratio 1:20**
- Number of Faculty employed and left during the last three years – 5%

## **8 Profile of Principal :**

For each Faculty give a page covering with Passport size photograph

- a. Name : Prof. Arvind Shahaji Kondekar
- b. Date of Birth : 09/02/1965
- c. Unique id : 1-4878033146
- d. Education Qualifications : M.E. (Production), PhD (Persuing)
- e. Work Experience
  - i. Teaching - 32
  - ii. Research - 00
  - iii. Industry - 02
  - iv. Others -
- f. Area of Specialization – Mechanical Engineering
- g. Courses taught at Diploma Level – Mechanical Engineering Department
- h. No. of paper published in National/ Internation
- i. Master – Completed – M.E.(Production Engg.)
- j. Ph.D – Ongoing

## **9 Fee**

- Details of Fee, as approved by State Fee Committee, for the Institution – Rs. 55,000/-
- Time schedule for payment of Fee for the entire Programme – At the time of admission
- No. of Fee waivers granted with amount and name of students – 15

Names are as follows:

Course	Sr. No.	2020-21	2019-20	2018-19
		Fee Amount:7655/-	Fee Amount:6941/-	Fee Amount:5680/-
<b>Computer Engineering</b>	1	Swati Narendra Sharma	Patil Rina Pravin	Newase Nikita Sanjay
	2	Kalyani Hariom Gurunath	Patil Suyog (87.205)	Varpe Kiran Ghorakh
	3	Ghorpade Gyatri Dattatray	Patil Rohan Babasaheb	Patil Shreya Tyatyasaheb
<b>Mechanical Engineering</b>	1	Andre Akash Kishor	Shere Tushar Pandurang	More Ashitosh Anil
	2	Ahire Devendra Yogesh	Thorat Aditya Sunil	Surve Aniket Sunil
	3	Bhegde Shravani Balasabeb		Khedekar Sushant Janardan
<b>Civil Engineering</b>	1	Pardesi Abhisheksingh Avaduthsingh	Suryawanshi Asish Deepak	Solakhi Vishal Mohanrao
	2	Kuwar Gitesh Dyneshwar 90%	Biradar Sandeep Dayanand	Repale Anil Balasaheb
	3	Nangare Chaitnya Dilip	Kalohke Ajinkya Santosh	Dhore Sujay Ashok
	4	Kelekar Suyash Balu	Chavan Vishaka Prakash	Kute Ganesh Rama
	5	Pawar Atharva Amol	Kapade Hemant Ganesh	Shinde Sharda Hiranman
	6	Kumbhar Siddhant Shivaji	Kakade Dyneshwar Gautam	Shrimandle Sahil Santosh
<b>Electronics &amp; Communication Engineering</b>		Davkhar Swapnil Subhash	Kurhade Pratiksha Anandrao	Channi Naveen Nataraj
		Ahire Shruti Prashant	Patil Vaishnavi Audumbar	Garud Neha Vishvanath
		Pawar Rushikesh Santosh		Bhosale Sakshi Nagnath

- Number of scholarship offered by the Institution, duration and amount - NO
- Criteria for Fee waivers/scholarship – As per Government Rules
- Estimated cost of Boarding and Lodging in Hostels – Rs. 60,000/- per year

10 Admission

- a. Number of seats sanctioned with the year of approval - 300
- b. Number of Students admitted under various categories each year in the last three years

**Computer Engineering**

2020-21			2019-20			2018-19		
CAST	M	F	CAST	M	F	CAST	M	F
SC=	12	16	SC=	4	11	SC=	11	12
ST=	0	0	ST=	1	2	ST=	3	1
OBC=	7	6	OBC=	10	9	OBC=	14	5
SBC=	1	0	SBC=	0	0	SBC=	2	0
Scbc	0	0	Scbc=	1	0	Scbc	0	0
VJNT=	9	2	VJNT=	8	7	VJNT=	4	8
Minority=	0	0	Minority=	0	0	Minority=	0	0
OPEN=	86	27	OPEN=	68	24	OPEN=	81	24

**Mechanical Engineering**

2020-21			2019-20			2018-19		
CAST	M	F	CAST	M	F	CAST	M	F
SC = 09	08	01	SC = 09	09	00	SC = 10	10	00
ST = 00	00	00	ST = 00	00	00	ST = 01	01	00
OBC = 07	06	01	OBC = 00	00	00	OBC = 10	10	00
SBC = 00	00	00	SBC = 00	00	00	SBC = 00	00	00
SEBC = 00	00	00	SEBC = 00	00	00	SEBC = 00	00	00
VJNT = 06	06	00	VJNT = 11	05	06	VJNT = 03	03	00
Minority = 00	00	00	Minority = 00	00	00	Minority = 00	00	00
OPEN = 20	20	00	OPEN = 40	40	00	OPEN = 36	36	00

**Civil Engineering**

2020-21			2019-20			2018-19		
CAST	M	F	CAST	M	F	CAST	M	F
SC=	10	1	SC=	12	5	SC=	12	1
ST=	0	0	ST=	1	0	ST=	1	0
OBC=	2	0	OBC=	4	2	OBC=	9	1
SBC=	0	0	SBC=	0	0	SBC=	0	0
Scbc	0	0	Scbc=	1	0	Scbc	0	0
VJNT=	3	1	VJNT=	1	1	VJNT=	0	1
Minority=	0	0	Minority=	0	0	Minority=	0	0
OPEN=	30	1	OPEN=	34	6	OPEN=	47	4

## Electronics & Communication Engineering

A.Y.	Class	Open	OBC	NT	SC/ST	Total
20-21	FY	38	4	6	10	58
	SY	23	5	4	19	51
	TY	27	04	02	09	45
19-20	FY	19	04	04	12	39
	SY	25	03	03	06	37
	TY	04	-	01	-	05
18-19	FY	24	1	1	8	34
	SY	10	-	2	2	14
	TY	14	-	1	3	18

- c. Number of applications received during last two years for admission under Management Quota and number admitted – 20% of total sanctioned intake

### 11 Admission Procedure

- Admission process is carried out as per the guidelines given by DTE Maharashtra.
  - Mention the admission test being followed, name and address of the Test Agency and its URL (website) - NA
  - Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test) - NA
- Calendar for admission against Management/ vacant seats:
  - Last date of request for applications: 05/12/2020
  - Last date of submission of applications- 05/12/2020
  - Dates for announcing final results- 12/12/2020
  - Release of admission list- 12/12/2020
  - Date of acceptance by the candidate- 01/01/2021
  - Last date of closing of admission: 02/01/2021
  - starting of the Academic session: 23/12/2020
  - The policy of refund of the fee, in case of withdrawal, shall be clearly notified-
  - Cancellation of Admission and Refund of fees, return of documents by Institutions. -

As per Norms given by DTE, Maharashtra, mentioned in Admission Information Brochure point no. 15.

(a) The Candidate shall apply online for cancellation and submit duly signed copy of system generated application for cancellation of admission to the institution. Once the candidate submits online request for cancellation, his/her admission shall be treated as cancelled. The Institute shall consider the online request made by Candidate for cancellation as final irrespective of whether he/she has submitted duly signed copy of system generated application to the Institute. Upon such cancellation, the candidate shall lose the claim on the seat and such seat shall become available for further allotment. The candidate shall then become entitled to and the Institute shall refund the entire fees to the candidate after deduction of

Rs.1000/- towards processing charges and return all his/her original documents submitted to the Institute within three days from submission of duly signed copy of system generated application to the Institute;

- Last date of closing of Management admission: 15/01/2021

12 Criteria and Weightages for Admission

- a. Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc. NA
- b. Mention the minimum Level of acceptance, if any
- c. Mention the cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years: **No any test for Diploma Admission Procedure**
- d. Display marks scored in Test etc. and in aggregate for all candidates who were admitted : **No any test for Diploma Admission Procedure**

13 List of applicant: Displayed on institute website

15 Information of Infrastructure and Other Resources Available

- a. Number of Class Rooms and size of each – 11 (66sqm)
- b. Number of Tutorial rooms and size of each – 04 (33sqm)
- c. Number of Laboratories and size of each – 26 (66sqm)
- d. Number of Drawing Halls with capacity of each - 01 (100sqm)
- e. Number of Computer Centres with capacity of each – 01 (100sqm)
- f. Central Examination Facility, Number of rooms and capacity of each – Yes
- g. Online examination facility  
No of nodes -180  
Internet Bandwidth -100Mbps
- h. Barrier Free Built Environment for disabled and elderly persons - Yes
- i. Occupancy Certificate - Yes
- j. Fire and Safety Certificate -Yes
- k. Hostel Facilities - Yes

**l. Library**

- i. Number of Library books/ Titles/ Journals available (program-wise)  
Books – 31360  
Titles - 5285
- ii. List of online National/ International Journals subscribed - 15
- iii. E- Library facilities – Yes
- iv. National Digital Library - Yes  
Club Member Registration ID: INMHNC3QFZFYBOE

**m. Laboratory and Workshop**

- i. List of Major Equipment/Facilities in each Laboratory/ Workshop



## Computer Engineering

### PROGRAMMING LAB

<b>Sr. no.</b>	<b>Name of Equipment</b>	<b>No. Available</b>	<b>Cost</b>
1	COMPUTER SYSTEM	60	1755000
2	PATCH CORD	19	4218
3	INFORMATION OUTLET BOX	60	13200
4	All IN One Printer	1	11650
5	UPS 10KVA	1	134160
6	24 PORT SWITCH(1024D)	2	15800
7	WALL MOUNT SWITCH RACK	1	5547
8	PATCH CORDS	60	10500
9	24 PORT SWITCH(CAT-6UTP)	2	9700
10	DELL T110 SERVER	1	63000

### NETWORKING LAB

<b>Sr. no.</b>	<b>Name of Equipment</b>	<b>No. Available</b>	<b>Cost</b>
1	COMPUTER SYSTEMS	60	1332360
2	24 PORT MBPS SWITCH(1024D)	3	23700
3	24 PORT CAT 6 PANEL	3	14550
4	INFORMATION OUTLET BOX	60	13200
5	WALL MOUNT SWITCH RACK	2	11094
6	24 PORT SWITCH (L2)	1	70000
7	UPS 10KVA	2	446500

## HARDWARE LAB

<b>Sr. no.</b>	<b>Name of Equipment</b>	<b>No. Available</b>	<b>Cost</b>
1	HUB 16 PORT	2	13900
2	HUB 8 PORT	4	12400
3	SATA OR IDE TO USB CONVERTOR	1	2000
4	PRONET 1/100 FAST ETHERNET SWITCH (8 PORT)	1	1500
5	MODEM	4	7800
6	8 PORT SWITCH	2	1750
7	24 PORT SWITCH	1	7900
8	DLP PROJECTOR BENQ MS500	2	60434
9	DELL PROJECTORS	2	55000
10	EXTERNAL USB DVD WRITER LG	1	1850
11	USB HARD DISK SEGATE 1 TB	1	5600
12	8 GB PEN DRIVE HP	1	500
13	LAN TESTER	1	250
14	WEB CAMERA	2	1200
15	CANON LASER JET PRINTER 2900	1	6400
16	DELL COMPUTER SYSTEMS	2	49020
17	USB to PS2 CONVERTER	20	2000
18	SAMSUNG 40GB HARDDISK	1	2000
19	Crimping Tool	1	170
20	Mercury NS360 Speaker	1	300

## SOFTWARE LAB 1

<b>Sr. no.</b>	<b>Name of Equipment</b>	<b>No. Available</b>	<b>Cost</b>
1	UPS 10KVA	1	223250
2	COMPUTER SYSTEMS	40	893038
3	CANNON PRINTER	1	6250
4	24 PORT SWITCH	1	5000

## SOFTWARE LAB 2

<b>Sr. no.</b>	<b>Name of Equipment</b>	<b>No. Available</b>	<b>Cost</b>
1	COMPUTER SYSTEMS	30	452890
2	UPS 10KVA	1	223250
3	24 PORT SWITCH	1	2500
4	COMPUTER SYSTEMS	30	452890

## Mechanical Engineering

### THERMAL ENGINEERING LAB

Sr. No.	Name of Equipment	No. Available	Cost
1	Cut Section Models Of Various Boiler Mountings And Accessories.(9types)	1	35685/-
2	Cut Section Models Impulse And Reaction Turbines	1	6500/-
3	Thermal Conductivity For A Given Sample Of Solid Metallic Rod Test Rig.	1	32500/-
4	Models Heat Exchangers (Jet Condenser, Evaporator, Radiator Etc.) (09)	1	28710/-

### FLUID MECHANICS AND MACHINERY LAB

Sr. No.	Name of Equipment	No. Available	Cost
1	Hydraulic Trainer Kit	1	35685/-
2	Pneumatic Experimental Kit	1	6500/-

### METROLOGY & QUALITY CONTROL LAB

Sr. No.	Name of Equipment	No. Available	Cost
1	Angle Gage Ste (13 Pieces)	1 Set	48300/-
2	High Pressure Dials Type Pneumatic Comparator.	8	42140/-
3	Surface Roughness Tester	1	160000/-
4	Autocollimator With Angle Dekkor	1	195000/-

### THEORY OF MACHINE LAB

Sr. No.	Name of Equipment	No. Available	Cost
1	Models And Charts Of Dynamometers	1	32331/-
2	Models And Charts Of Different Types Of Clutch.(5)	1	28763/-
3	Balancing Of Rotating Masses Test Rig	1	28889/-

### WORKSHOP

Sr. No.	Name of Equipment	No. Available	Cost
1	Shaping Machine- Anoop- H-P-18-S	02	117612/-
2	MTAB CNC machine	01	1333075/-
3	Universal Milling machine	01	2,92,150/-
4	Lathe- Machines- 4',6'	20	7,83396/-

### CAD LAB

Sr. No.	Name of Equipment	No. Available	Cost
1	Desktop with LAN	20	13,36,950/-

**POWER LAB**

<b>Sr. No.</b>	<b>Name of Equipment</b>	<b>No. Available</b>	<b>Cost</b>
1	4 Stroke Single Cylinder Diesel Engine	01	49,500 /-
2	Morse Test Rig	01	1,57,500 /-
3	2 stage Reciprocating air Compressor	01	58,000 /-
4	2 Stroke Engine Model for Dismantling Purpose	01	7,650 /-

**CIVIL ENGINEERING**

<b>Sr. no.</b>	<b>Name of Equipment</b>	<b>No. Available</b>	<b>Cost</b>
1	Transit Theodolite as per ISI complete.	6	79110
2	Quick setting Dumpy Level with stand.	8	52560
3	1" Optic theodolite	1	85050
4	Total Station	1	390000

**GEOTECHNICAL ENGINEERING LABORATORY**

<b>Sr. no.</b>	<b>Name of Equipment</b>	<b>No. Available</b>	<b>Cost</b>
1	Direct shear apparatus	1	90000
2	Triaxial test apparatus	1	80000
3	CBR Test apparatus	1	57240

**PUBLIC HEALTH ENGINEERING LABORATORY**

<b>Sr. no.</b>	<b>Name of Equipment</b>	<b>No. Available</b>	<b>Cost</b>
1	BOD Incubator	1	55500

**CONCRETE TECHNOLOGY LABORATORY**

<b>Sr. no.</b>	<b>Name of Equipment</b>	<b>No. Available</b>	<b>Cost</b>
1	Los Angeles abrasion Testing Apparatus	1	64525
2	Compression testing machine	1	39783

ELECTRONICS & COMMUNICATION ENGINEERING

Sr. No.	Name of Equipment	Model /Make	Cost in Rs.
1.	Spectrum Analyzer	Hemang, HM-5006	90,000.00
2.	Microwave Test Bench	Sciencetech	1,01,954.00

**ii. List of Experimental Setup in each Laboratory/ Workshop**

**Computer Engineering**

Name of Laboratory: PROGRAMMING LAB

Sr. No.	List of practical set up
1	Write/compile/execute simple 'C' program: Develop minimum 2 programs using Constants, Variables, arithmetic expression.
2	Write/compile/execute simple 'C' program: Develop minimum 2 programs increment/decrement operators, exhibiting data type conversion
3	Write simple programs to convert temperature in Fahrenheit degrees to Centigrade degrees.
4	Write simple programs to calculate the area and perimeter of the rectangle, and the area & circumference of the circle
5	Decision Making and branching using if, if-else structure Write program to: (i) Determine whether a given year is a leap year or not. (ii) Determine whether a string is palindrome.
6	"Write program to:
7	(i) Find the greatest of the three numbers using conditional operators (ii) Find if a given character is vowel."
8	"Using switch statement: Write programs to :
9	(i) Print day of week by taking number from 1 to 7. (ii) Print a student's grade by accepting percent marks. "
10	Using switch statement: Write programs to check whether the triangle is isosceles, equilateral, scalene or right angled triangle
11	"Looping: Write a program to :
	(i) Find sum of digits of a given number. (ii) Generate multiplication table up to 10 for numbers 1 to 5."
12	"Write a program to :
	(iii) Find Fibonacci series for given number. (iv) Write a program to produce the following output:

Name of Laboratory: NETWORKING LAB

Sr. No.	List of practical set up
1	To observe Components of Network in your Computer Network Lab and state their specifications.
2	Identify transmission media and study specifications Identify network control devices and study specifications
3	To Prepare UTP/STP Cable in straight and Cross over mode and test by Line Tester.
4	To install a network interface card to locate MAC address of computer
5	To install and configure TCP/IP protocol <span style="float: right;">configure peer</span> to peer network in laboratory
6	To run basic TCP/IP utilities and Network Commands with all options
7	To Connect Computers in Star Topology using Wired Media and any Network control Device..
8	To Share Printer and Folder in Network.
9	Install Wireshark software and Configure as a packet sniffer
10	Capture packets of various protocols using Wireshark packet sniffer software and observe header files

Name of laboratory: HARDWARE LAB

Sr. No.	List of practical set up
1	Identify desktop and server by its type and verify its specification.
2	Identify type of laptop and verify its specification."
3	Identify hardware components on motherboard
4	Troubleshoot common problems of motherboard"
5	Configure BIOS settings
6	Partition and manage hard disk: format hard drives with different file system (Part - I)
7	Partition and manage hard disk: format hard drives with different file system (Part - II)
8	Install Operating System - Windows family (such as Windows 7 / Windows 10/ Windows Server 12)
9	Install Operating System - Unix family (such as Linux/Ubuntu/Centos)
10	Troubleshoot Hard Disk Problems.
11	Install local printer (Software configuration settings on printer and Troubleshooting)
12	Share printer in Network (Software configuration settings on printer and Troubleshooting)"
13	Set keyboard, mouse, monitor speaker, microphone and LCD Projector

Name of laboratory: SOFTWARE LAB 1

Sr. NO.	List of practical set up
1	Write a program to Accept & display data for exchanging values of two variables
2	Write a program to declare a class 'person' having data members name, age % salary. Accept & display this data for one object
3	Write a program to declare a class 'employee' having data members name, age. Accept & display this data for three objects.
4	Write a program to show how static member is shared by multiple objects of the same class.
5	Write a program to find out the mean value of a given number using friend function.
6	Write a program to print student details using 'stud' class using constructor and destructor
7	Write a program to find prime number using default argument in constructor
8	Write a program to find out the payroll system using single level inheritance
9	Write a program to evaluate the largest number of an array using pointer
10	Write a program to search a character in a string using pointer
11	Write a program to input and display code and price for two items using pointer to object
12	Write a program to display roll no & name of student using 'this' pointer
13	Write a program to use function overloading to calculate volume of cube, cylinder & rectangular box
14	Write a program to overload '-' operator
15	Write a program to display the output using the virtual function

Name of Laboratory: SOFTWARE LAB 2

Sr. No.	List of practical set up
1	Write a program to design a form using the components text field, label,checkbox,button,list.
2	Write a program demonstrating the use of Border layout .
3	Write a program to perform addition of two nos.make use of textfield and button.
4	Write a program using AWT to create a member with various menu items and submenu items
5	Write a program using swing to display a Jcombobox in a applet.
6	Write a program to create a jtree and recognize mouse clicks on it.
7	Write a program to create a jtable on Japplet window
8	WAP to display the key pressed on Applet window.
9	WAP to make use of adapter classes
10	WAP to retrieve hostname and IP address in InetAddress class.
11	Write a program to design a form using the components textfield,label,checkbox,button,list.
12	WAP to use URL connection class and display 1.Protocol2.HostName 3.PortNumber 4.FILE Name.
13	WAP that demonstrate TCP/IP based connectionbetween client abnd server
14	WAP to send data to table "XYZ" in databse using prepared sttement
15	Write a servlet to display the user name and password accepted from the client.
16	WAP to use URL connection class and display 1.Protocol2.HostName 3.PortNumber 4.FILE Name.
17	WAP that demonstrate TCP/IP based connectionbetween client abnd server



## Mechanical Engineering

### THERMAL ENGINEERING LAB

Sr. No.	List of practical set up
1	Air Compressor
2	Model Of Lancashire Boiler
3	Model Of Locomotive Boiler
4	Babcock & Wilcock Boiler
5	Cocheran Boiler
6	Model And Charts Of La-Mont' Boiler
7	Model And Charts Of Cochran Boiler
8	Various Mountings & Accessories
9	Cut Section Models Impulse And Reaction Turbines
10	Thermal Conductivity
11	Models Heat Exchangers (Jet Condenser, Evaporator, Radiator)
12	Instruction Model Of 2 & 4 Stroke Petrol & Diesel Engine

### FLUID MECHANICS AND MACHINERY LAB

Sr. No.	List of practical set up
1	Hydraulic Trainer Kit
2	Pneumatic Experimental Kit
3	Minor Losses In Flow Through Pipe
4	Major Losses In Flow Through Pipe
5	Pelton Wheel Turbine Test Rig

### METROLOGY & QUALITY CONTROL LAB

Sr. No.	List of practical set up
1.	Vernier Height Gage
2.	Vernier Depth Gage
3.	Slip Gage Set
4.	Vernier Calipers
5.	Combination Set
6.	Micrometer External 0.25mm
7.	Micrometer External 50-75mm
8.	Micrometer Internal
9.	Depth Gage Micrometer
10.	Bevel Protractor
11.	Dial Gage Indicator
12.	Spirit Level 200 Mm
13.	Angle Plate
14.	Internal Telescopic Gage
15.	V-Block Magnetic (1 Pair)
16.	V-Block With Clamp (2 Pairs)
17.	Straight Edge 4"

18.	Hand Caliper (1 Set)
19.	Engineering Square 6"
20.	Steel Rule 12"
21.	Steel Rule 1 Meter
22.	Radius Gage 1.7 R
23.	Feeler Gage (26 Pieces)
24.	Pitch Gage
25.	Fit Box 1st
26.	8" Vernier Caliper
27.	Gear Tooth Vernier
28.	Sine Bar 300 Mm
29.	Surface Plate Granite
30.	Sodium Monochromatic Light Unit
31.	Specimen Set (6 Pieces)
32.	Angle Gage Ste (13 Pieces)
33.	Floating Carr. Dia. Measuring M/C
34.	Demonstration Gauge Kit
35.	Speed 150 Profile Projector
36.	Gear Rolling Tester
37.	"Ohp" With Screen And Stand
38.	High Pressure Dials Type Pneumatic Comparator.
39.	Screw Pitch Gauge,
40.	Screw Thread Micrometer
41.	Surface Roughness Tester
42.	Gear Tooth Vernier
43.	Autocollimator With Angle Dekkor

### **THEORY OF MACHINE LAB**

<b>Sr. No.</b>	<b>List of practical set up</b>
1.	Kinematics Pairs
2.	Inversion Of Four Bar Mechanism
3.	Whitworth Quick Return Mechanism
4.	Cam Testing Rig
5.	Gear Models
6.	Epicyclical Gear Train
7.	Static & Dynamic Balancing
8.	Models Of Mechanism
9.	Models Of Mechanism
10.	Friction In "Pivot" Bearing Set Up
11.	Types Of Drives
12.	Analogue Hand Tachometer
13.	Model Of Quick Return Mechanism For A Shaper. Reciprocating ,Oscillating
14.	Model Of Bicycle Free Wheel Sprocket Mechanism

15.	Model Of Geneva Mechanism
16.	Model Of Ackerman's Steering Gear Mechanism
17.	Model Of Foot Operated Air Pump Mechanism
18.	Model Of Slider Crank Mechanism
19.	Model Of Different Types Of Cams And Followers
20.	Double Slider Crank Chain Mechanism
21.	Scotch Yoke Mechanism
22.	Oldham's Coupling
23.	Models Of Different Types Of Governors
24.	Models And Charts Of Dynamometers
25.	Models And Charts Of Different Types Of Clutch.(5)
26.	Balancing Of Rotating Masses Test Rig

### **POWER ENGINEERING LAB**

<b>Sr. No.</b>	<b>List of practical set up</b>
1.	4 Stroke Single Cylinder Diesel Engine
2.	Morse Test Rig
3.	2 stage Reciprocating air Compressor
4.	2 Stroke Engine Model for Dismantling Purpose

### **CIVIL ENGINEERING**

Name of Laboratory: Surveying Lab

<b>Sr. NO.</b>	<b>List of practical set up</b>
1	Study and use of metric chain , tapes, ranging rods, arrows
2	Measure distance between two survey points
3	Determine area of given field using chain and cross staff survey
4	Measure fore bearing and back bearing survey lines prismatic compass
5	Measure Fore Bearing and Back Bearing of survey lines of open traverse using Prismatic Compass
6	Measure Fore Bearing and Back Bearing of survey lines of closed traverse using Prismatic Compass
7	Simple leveling using Dumpy level
8	Differential leveling using dumpy level
9	Fly leveling using dumpy level
10	To plot cross sections and l sections of given area
11	Block Contouring

Name of Laboratory: Geotechnical Engineering

Sr. NO.	List of practical set up
1	Water content of given soil sample using oven drying method
2	Specific gravity of soil by pycnometer method
3	To determine dry unit weight of soil by core cutter method
4	To determine plastic limit and liquid limit of soil
5	To determine shrinkage limit of soil
6	To determine grain size distribution of given soil
7	To determine coefficient of permeability by constant head permeability
8	To determine CBR value of given soil
9	To determine shear strength by Vane shear test
10	To determine MDD and OMC of given soil sample

Name of laboratory: Concrete Technology

Sr. NO.	List of practical set up
1	To determine of fineness of cement
2	To determine standard consistency, initial setting time and final setting time of cement
3	To determine silt content of sand by volume
4	To determine buckling of sand
5	To determine bulk density of fine and coarse aggregate
6	To determine water absorption of Fine and coarse aggregate
7	To determine fineness modulus of fine aggregate by sieve analysis
8	To determine aggregate impact value
9	To determine abrasion value of aggregate
10	To determine aggregate elongation index and flakiness index
11	To determine workability of concrete using slump cone test
12	To determine workability of concrete by compaction factor test
13	To determine compressive strength of concrete

Name of laboratory: Public Health Engineering Laboratory

Sr. NO.	List of practical set up
1	To determine PH value of given sample of water
2	To determine turbidity of given sample of water
3	To determine residual chlorine in given sample of water
4	To determine suspended solids, dissolved solids and total solids of given sample of water
5	To determine optimum dose of coagulant in given raw water sample by jar test
6	To determine BOD of given sample of water
7	To determine PH value of waste water
8	To determine COD of given sample of water

Name of Laboratory: Engineering Mechanics laboratory

Sr. NO.	List of practical set up
1	Differential axel and wheel
2	Simple screw jack
3	Worm and worm wheel
4	Single purchase crab winch
5	Use of force table to determine resultant of concurrent forces
6	Law of moment apparatus to determine unknown force
7	Apply lamis theorem to determine unknown force
8	To determine support reactions of simply supported beam
9	To determine coefficient of friction for Horizontal and inclined surface
10	To determine centroid of geometrical figures

Name of Laboratory: Model room

Sr. NO.	List of practical set up
1	Identify components of building structure in given model
2	Identify components of staricase in given model
3	Identify components of doors and windows in given model

## **ELECTRONICS & COMMUNICATION ENGINEERING**

LAB1 - Basic Electronics Laboratory

Sr.No.	Equipment Name
1	Digital Storage Oscilloscope(50 MHz)
2	Diode Characteristics Kit
3	Transistor Characteristics Kit
4	FET Characteristics
5	UJT Characteristics
6	SCR Characteristics
	Half Wave Rectifier / Filter
	Full Wave Center Tap
7	Full Wave Bridge Rectifier / Filter
8	Voltage Doubler ( Full Wave)
	Clipping Circuits
	Positive Clamper
9	Negative Clamper
10	Transistor Biasing Circuits
	CE Amplifier
	RC Coupled Amplifier
11	UJT Relaxation Oscillator

**LAB NO.2 - APPLIED ELECTRONICS AND DIGITAL LABORATORY**

<b>Sr. No.</b>	<b>Equipment Name</b>
1	DC Motor Speed Control System
2	Parallel Inverter
3	Series Inverter
4	Rectifier Convertor (3 Phase HALF Wave)
5	Microcontroller Kits
	B)7SEGKBD(Interface 7 Segment Display)
	Microcontroller Kits
	7SEGKBD(Interface 7 Segment Display)
6	Microcontroller Kits
	C)DAC Interface (8 Bit DAC)
	Microcontroller Kits
	DAC Interface (8 Bit DAC)
7	Microcontroller Kits
	D)ADC0809(8Bit ADC)
	Microcontroller Kits
	ADC0809(8Bit ADC)
8	Microcontroller Kits
	E)Stepper Motor Interface Card with Stepper Motor
	Microcontroller Kits
	Stepper Motor Interface Card with Stepper Motor
9	Microcontroller Kits
	F) Traffic Light Simulation Card
	Microcontroller Kits
	F) Traffic Light Simulation Card
10	Microcontroller Kits
	G)SDIO-8(Digital I/O Simulation Board 8Leds & 8 switches)
	Microcontroller Kits
	SDIO-8(Digital I/O Simulation Board 8Leds & 8 switches)

**LAB NO.3 : ELECTRICAL LABORATORY:**

<b>Sr.no.</b>	<b>Name of the equipment</b>
1	3 phase load arrangement (Star and Delta)
2	3 phase Induction motor with load arrangement (pulley & belt arrangement)
3	KVL, KCL practical kit

**LAB NO.4-INSTRUMENTATION AND CONTROL LABORATORY**

<b>Sr.No.</b>	<b>Equipment Name</b>
1	DC Position Control System
2	LCR Bridge
3	Stroboscope
4	PID Controller
5	ON/OFF Temp.Controller
6	Synchro Transmitter & Reci.
7	Battery Maintenance Charging Process Kit
8	Dead Weight Tester
9	RTD,TC Characteristics Trainer
10	Temp. Sensor Stripchart Recorder
11	Rotary Encoder Trainer
12	Flow Characteristics Setup for Venturi,Orifice,Rotameter,Pitot Tube
13	
14	PID Controlled a)Level b)Flow Trainer
15	8255 Study Card
16	Programmable logic controller kit (1 data cable)
17	PH Meter with Electrode
18	Pattern Generator (Color)
19	Pressure Sensor (Transducer)
20	Strain Gauge, Panel Meter

**LAB NO.5- COMMUNICATION LABORATORY**

<b>Sr. No.</b>	<b>Equipment Name</b>
1	Spectrum Analyzer
2	A.M.Radio Receiver
3	F.M. Transmitter
4	Study Of P.P.M.
5	F.M Detector
6	Study of A.S.K
7	Study of P.C.M.
8	Study of F.S.K.
9	Study of A.M.
10	Study of P.A.M.
11	Antenna Directional Patterns
12	Measurement of Transmission Line Parameter
13	Fiber Optics Trainer
14	Color T.V. Trainer
15	Hi-Fi amplifier
16	TDM Pulse Amplitude Modulation / Demod. Kit
17	FDM Trainer
18	Delta Modulation & Demodulation
19	With Phones-16 nos
20	Trainer kit for Quadrature Amplitude modulation (8-QAM)
21	Trainer kit for ADPCM/ Differential PCM
22	Trainer kit for Quadrature phase shift keying (QPSK)
23	Various line code trainer
24	Trainer kit for Differential PSK
25	GSMmobile trainer kit
26	Microwave Test Bench
	E ,H,Magic plane Tee,Multihole Directional Coupler 3dB,T-Circulator
27	Frequency Modulation
28	Amplitude Modulation
29	Amplitude Demodulation
30	Pulse Width Modulation
31	Pulse Code Modulation



- Computing Facilities
  - i. Internet Bandwidth – 100 Mbps
  - ii. Number and configuration of System – 270, P4
  - iii. Total number of system connected by LAN - All
  - iv. Total number of system connected by WAN - NA
  - v. Major software packages available - 23
  - vi. Special purpose facilities available(conduct of online meeting / webinars /workshops etc) – Yes
  - vii. Facilities for conduct of classes /courses in online mode(theory/practical)-Yes
  - viii. Innovation Cell - No
  - ix. Social Media Cell - Yes
  - x. Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and Departments - NA
  
- List of facilities available
  - i. Games and Sports Facilities - Yes
  - ii. Extra-Curricular Activities - Yes
  - iii. Soft Skill Development Facilities - Yes
  
- Teaching Learning Process
  - i. MSBTE - Yes
  - ii. Academic Calendar of the Board – Available on MSBTE website and also uploaded of institute website.
  - iii. Academic Time Table with the name of the Faculty members handling the Course – Uploaded on institute website.
  - iv. Teaching Load of each Faculty - Available
  - v. Internal Continuous Evaluation System and place - Yes
  - vi. Student’s assessment of Faculty, System in place - Yes

16. Enrollment of students in the 20-21 years - 1024

17. List of Research Projects/ Consultancy Works : NA

- a. Number of Projects carried out, funding agency, Grant received -Nil
- b. Publications (if any) out of research in last three years out of masters projects - 25
- c. Industry Linkage - Online Industrial Training of 4-weeks after 4th semester is completed by Diploma Engineering Students.
- d. MoUs with Industries (minimum 3) – Yes

18. EoA the current Academic Year 2020-2021 - EOA displayed on institute website

19. Accounted audited statement for the last three years display on institute website

20. Best Practices adopted -

Social Activities: 1. Adopted Students from Nachiket Balgram, Akurdi, Pune.

2. Blood Donation Activity organized every year in the institute.

Academic Improvement: 1. Internal and External Campus Level Feedback mechanism is available.

2. Staff Appraisal process is carried out every year.

3. Sessions for Personality Development are organized for students and faculty members.

4. Faculty Development Programs are organized for faculty members.