



**MANDATORY DISCLOSURE
2020-21**

By

A. P. SHAH INSTITUTE OF TECHNOLOGY

Survey No. 12,13 Opp. Hypercity Mall, Kasarvadavali, Ghodbundar
Road, Thane (W) - 400615, Maharashtra



Parshvanath Charitable Trust's
A. P. SHAH INSTITUTE OF TECHNOLOGY
(Approved by AICTE New Delhi & Govt. of Maharashtra, Affiliated to University of Mumbai)
(Religious Jain Minority)

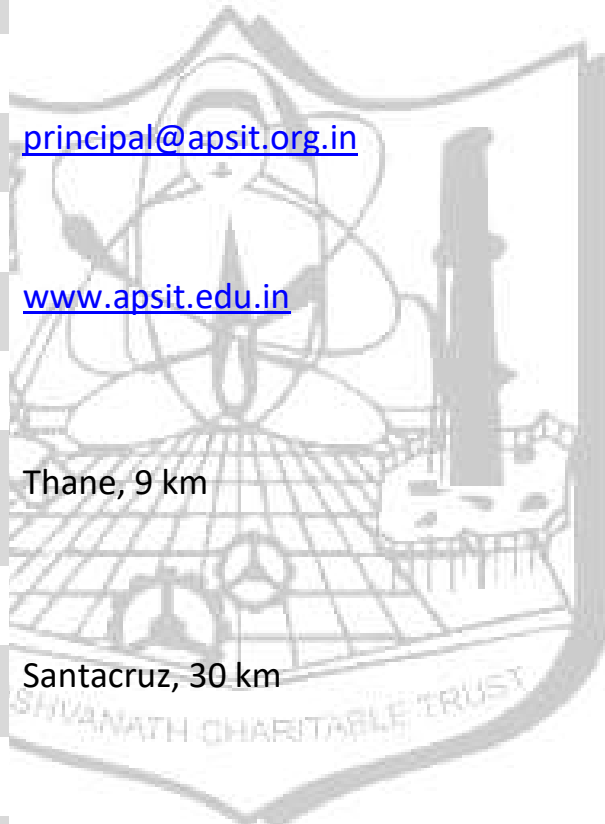
Mandatory Disclosure	Updated on 01 August 2020
A AICTE File No.	Western/1-7022232888/2020/EOA
B Date & Period of last approval	15-June-2020 AY 2020-2021
10.1 Name of the Institution	A. P. SHAH INSTITUTE OF TECHNOLOGY
Address of the Institution	Survey No. 12,13, Opp. Hypercity Mall, Kasarvadavali, Ghodbunder Road, Thane (W) – 400615
City & Pin Code	Thane (W) – 400615
State / UT	Maharashtra
Longitude & Latitude	Latitude: 19, 16, 3 Longitude: 72, 58, 0
Phone number with STD code	(022) 25973737/38





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FAX number with STD code	(022) 25973739
Office hours at the Institution	9.00 am to 5 .00 pm
Academic hours at the Institution	9.10 am to 5.00 pm
Email	principal@apsit.org.in
Website	www.apsit.edu.in
Nearest Railway Station (dist in Km)	Thane, 9 km
Nearest Airport (dist in Km)	Santacruz, 30 km
Type of Institution	Private-Self Financed
Category (1) of the Institution	Jain Minority
Category (2) of the Institution	-----





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10.2 Name of the organization running the Institution
Parshvanath Charitable Trust

Type of the organization
Trust

Registered with
Charity Commissioner, Greater Bombay Region.

Registration date
22nd November 1993

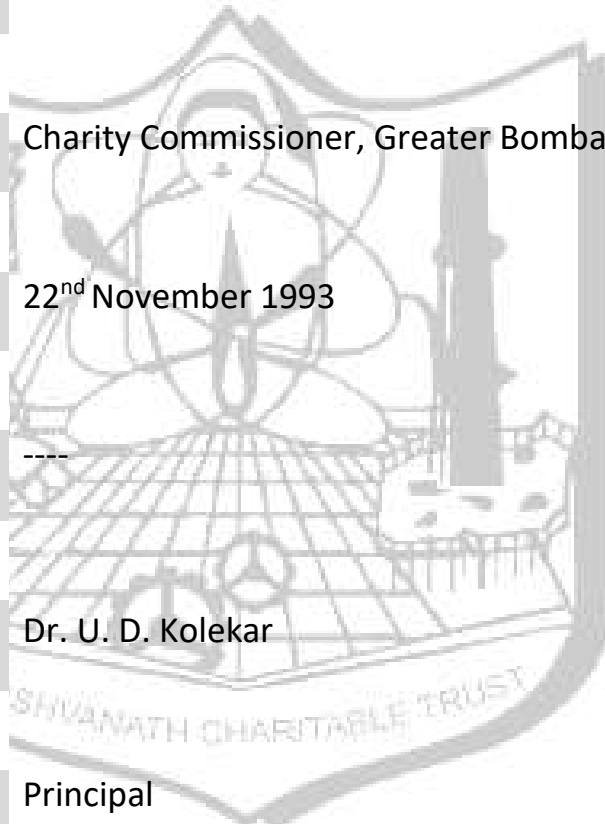
Website of the organization

10.3 Name of Principal / Director
Dr. U. D. Kolekar

Exact Designation
Principal

Phone number with STD code
(022) 25973737

FAX number with STD code
(022) 25973739





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Email	principal@apsit.org.in
Highest Degree	Ph.D. (Electronics)
Field of specialization	Wireless Communication
10.4 Name of the affiliating University / Board	University of Mumbai
Address	University of Mumbai, Fort, Mumbai 400 032.
Website	www.mu.ac.in
Latest affiliation period	2020-21



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10.5 Governance

10.5.1 Governing Board Members

SHRI. CHIRAG A. SHAH	CHAIRMAN PARSHVANATH CHARITABLE TRUST A.P. SHAH INSTITUTE OF TECHNOLOGY SURVEY NO. 12, OPP. HYPERCITY MALL, KASARVADAVLI, GHODBUNDER ROAD, THANE-400615
SHRI. NIRANJAN P. SHAH	SECRETARY PARSHVANATH CHARITABLE TRUST A.P. SHAH INSTITUTE OF TECHNOLOGY SURVEY NO. 12, OPP. HYPERCITY MALL, KASARVADAVLI, GHODBUNDER ROAD, THANE-400615
SHRI.KUNTAL N. SHAH	TRUSTEE PARSHVANATH CHARITABLE TRUST A.P. SHAH INSTITUTE OF TECHNOLOGY SURVEY NO. 12, OPP. HYPERCITY MALL, KASARVADAVLI, GHODBUNDER ROAD, THANE-400615
SMT. POOJA C. SHAH	TRUSTEE PARSHVANATH CHARITABLE TRUST A.P. SHAH INSTITUTE OF TECHNOLOGY SURVEY NO. 12, OPP. HYPERCITY MALL, KASARVADAVLI, GHODBUNDER ROAD, THANE-400615
Dr. UTTAM D. KOLEKAR	PRINCIPAL A.P. SHAH INSTITUTE OF TECHNOLOGY SURVEY NO. 12, OPP. HYPERCITY MALL, KASARVADAVLI, GHODBUNDER ROAD, THANE-400615
PROF. ATUL M. DESHPANDE	(FACULTY – ASSO. PROFESSOR & DEAN ACADEMICS) A.P. SHAH INSTITUTE OF TECHNOLOGY SURVEY NO. 12, OPP. HYPERCITY MALL, KASARVADAVLI, GHODBUNDER ROAD, THANE-400615
Dr. S. S. NANIVADEKAR	(FACULTY – ASSO. PROFESSOR & DEAN ADMINISTRATION)



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	A.P. SHAH INSTITUTE OF TECHNOLOGY SURVEY NO. 12, OPP. HYPERCITY MALL, KASARVADAVLI, GHODBUNDER ROAD, THANE-400615
Mr. MAHESH DOSHI	(MEMBER-INDUSTRIALIST) NUTRA PLUS PRODUCT INDIA LTD. TARAPUR
Dr. DEEPAK DAGALI	(MEMBER- EDUCATIONALIST) VICE PRINCIPAL. BHAVANS COLLEGE, MUNSHI NAGAR, ANDHERI(WEST)
Dr. C.S. VERMA	AICTE REPRESENTATIVE REGIONAL OFFICE INDUSTRIAL ASSURANCE BUILDING 2ND FLOOR, NARIMAN ROAD MUMBAI - 400 020, MAHARASHTRA
Dr. ABHAY WAGH	DTE NOMINEE DIRECTOR OF TECHNICAL EDUCATION 3, MAHAPALLIKA MARG, DHOBI TALAO, FORT, MUMBAI
Dr. PRACHI GHARPURE	UNIVERSITY NOMINEE UNIVERSITY OF MUMBAI, FORT, MUMBAI

Frequency of meetings & date of last meeting

Once in a Year
11-May-2020



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10.5.2 Academic Advisory
Body (CDC)

SHRI. CHIRAG A. SHAH	CHAIRMAN
SHRI. NIRANJAN P. SHAH	MEMBER
DR. UTTAM D KOLEKAR	EX OFFICIO MEMBER
PROF. ATUL M DESHPANDE	SECRETARY
DR. SAMEER S NANIVADEKAR	MEMBER
DR. RAHUL K AMBEKAR	MEMBER
DR. MAMTA P KURVEY	MEMBER
MS. SNEHAL NAVALE	MEMBER
MR. MAHESH DOSHI	MEMBER
MR. DATTA GHADGE	MEMBER
DR. AMOL MADNE	MEMBER
MR. AKASH VICHARE	MEMBER
PROF. UPENDRA W MATE	MEMBER

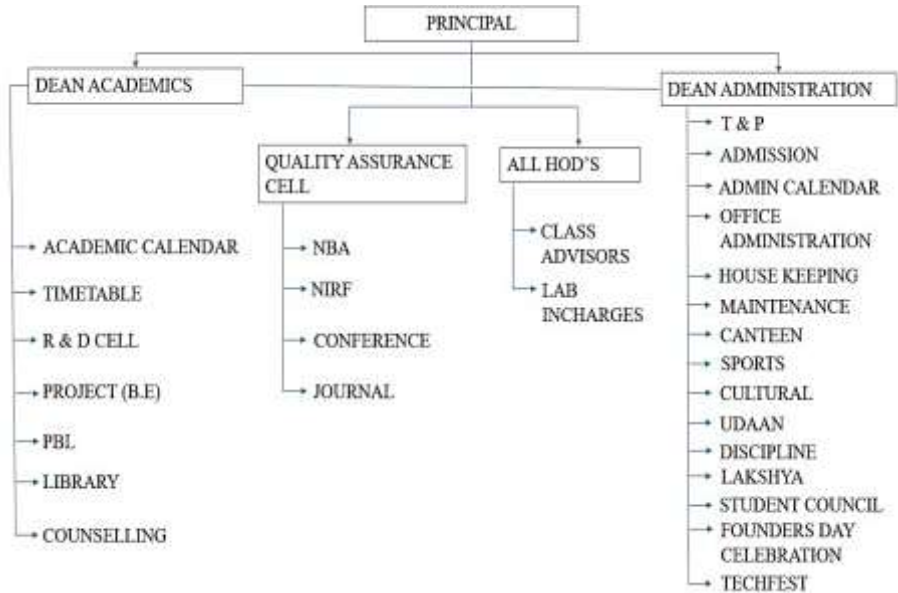
10.5.3 Frequency of
meetings & date of
last meeting

Once in a year
17-July-2020



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10.5.4 Organizational Chart



10.5.7 Student feedback mechanism on Institutional Governance/faculty performance

Online feedback once in six months or in each semester

10.5.8 Grievance redressal mechanism for faculty, staff and students

YES- FUNCTIONS:

- Review grievance petition
- Make procedural decision
- Direct correspondence between the committee and petitioner
- Transmit the records of hearing along with committee's decision to the management

Details available on website

<https://www.apsit.edu.in/grievance-redressal-committee-0>



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10.5.9	Establishment of Anti Ragging Committee	YES (Details available on website) https://www.apsit.edu.in/anti-ragging-squad FUNCTION: <ul style="list-style-type: none">• Ensure compliance with the laws and regulations concerning ragging• Create awareness among students about existence of anti-ragging committee
10.5.10	Establishment of Online Grievance Redressal Mechanism	YES Available Details available on website https://www.apsit.edu.in/grievance-redressal-committee-0
10.5.11	Establishment of Internal Complaint Committee (ICC)	YES Available https://www.apsit.edu.in/internal-complaint-committee
10.5.12	Establishment of Committee for SC/ST	YES Available https://www.apsit.edu.in/scst-committee
10.5.13	Internal Quality Assurance Cell	YES Available FUNCTION: <ul style="list-style-type: none">• Development and application of quality benchmarks• Parameters for various academic and administrative



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activities of the institution

- Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process
- Periodical conduct of Academic and Administrative Audit and its follow-up
- Preparation and submission of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC.

Dr. Uttam D Kolekar	Chairman
Prof. Upendra W Mate	Co-ordinator
Dr. Sameer S. Nanivadekar	Member
Prof. Atul M. Deshpande	Member
Prof. Sachin H Malave	Member
Prof. Kiran B. Deshpande	Member
Prof. Venkatesh Rao	Member
Dr. Shivshankar S Kore	Member
Dr. Rahul K. Ambekar	Member
Dr. Sadanand L Shelgaonkar	Member
Dr. Sangram S Savargave	Member



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10.6.A	Name of the Department*	Dr. Mamta P Kurvey	Member
		Dr. Mugdha Agarwadkar	Member

Mechanical Engineering

Course

BE

Level

UG

1st Year of approval by the Council

2014

Year wise Sanctioned Intake	2020-21	2019-20	2018-19
	120	120	120

Year wise Actual Admissions	2020-21	2019-20	2018-19
	33+6(TFWS)	60+6(TFWS)	115+6(TFWS)

Cut off marks – General quota	2020-21	2019-20	2018-19
	8.54	70.94	86.0

% Students passed with Distinction	2019-20	2018-19	2017-18
	29.41%	44.87%	53.23%



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% Students passed with First Class	2019-20 53.78%	2018-19 50.00%	2017-18 41.94%
Students Placed	2019-20 20	2018-19 33	2017-18 49
Average Pay package, Rs./Year	2019-20 7.5 L/year	2018-19 3.22 L/Year	2017-18 2.15 L/Year
Students opted for Higher Studies	2019-20 00	2018-19 03	2017-18 05
Accreditation Status of the course	NBA Accredited for Mechanical Engineering, Electronics and Telecommunication, Computer Engineering, Information Technology, & Civil Engineering Courses		
Doctoral Courses	No		
Foreign Collaborations, if	No		



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Professional
Society
member

LMISTE, ISHRAE, SAE

Professional
activities

Sr. No.	Name of Event	Date	Experts	Organising Committee	PO Relevance	PSO Relevance
1	Technical talk on "Engine Management System"	30/08/2019	Mr. Sanjeev Gothekar, DGM, ARAI, Pune	SAE APSILON	1,2,6,7,12	1,2
2	Industrial Visit to ARAI, Pune	12/10/2019	ARAI and Prof. Pankaj Jadhav	SAE APSILON	1,2,3	1
3	Modeling and Animation Competition	17/01/2020	Prof. Pankaj Jadhav	SAE APSILON	1,2,3,5,9	2
4	Analysis Competition (Tier 1)	17/01/2020	Prof. Pankaj Jadhav	SAE APSILON	1,2,3,4,5,9	2
5	Welding Competition (Tier 1)	03/02/2020	Prof. Pankaj Jadhav	SAE APSILON	1,2,9	1
6	Auto Quiz (Tier 1)	04/02/2020	Prof. Pankaj Jadhav	SAE APSILON	1,9,10	1
7	Business Plan (Tier 1)	05/02/2020	Prof. Pankaj Jadhav	SAE APSILON	2,3,4,8,9,10,11	2
8	Technical Paper Presentation (Tier 1)	05/02/2020	Prof. Pankaj Jadhav	SAE APSILON	1,2,3,4,8,9,10,11	1,2
9	Internet of things (Tier 1)	05/02/2020	Prof. Pankaj Jadhav	SAE APSILON	1,2,4,5,9,10	2
10	Expert talk on "Ecofriendly"	23/07/19	Mr. J. M. Bhambure, Advisor	APSIT ISHRAE (2019-20)	1,6,7	1



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	refrigerant and refrigeration systems and green buildings”		Technology, Bluestar			
11	Industrial visit	24/09/19	Mitsubish Electric, Andheri	APSIT ISHRAE (2019-20)	1,9,10,12	1
12	Industrial visit	20/09/19	Advantech Air systems, Bhiwandi	APSIT ISHRAE (2019-20)	1,9,10,12	1
13	ACREX Technical Quiz completion	12/10/19	ISHRAE Chapter	ISHRAE (2019-20)	1,9,10	2
14	Student day	14/12/2019	ISHRAE CHAPTER	ISHRAE (2019-20)	6,8,10	1

Consultancy activities

No

Grants fetched

❖ ISHRAE (ISPG-UG 2019-20) Grant of Rs45000/- for Project “Design, Analysis, simulation and construction of Zero cost evaporative cooling system for cold storage in rural areas.”

Departmental Achievements

Department Achievements:

1. Mr. Venkatesh Rao and Mr. Umair Momin have received research grant of Rs. 45,680/- from ISHRAE for project titled “Evaporative cooling for cold storage in rural areas”



2. Dr. Tausif Shaikh and Mr. Umair Momin have received funding of Rs. 25,000/- from DASSAULT for project titled “Zero cost cold storage system”

Faculty Achievements:

1. Ms. Arti Vishwanath successfully completed two NPTEL courses on “Product Design and Development” securing Elite + Gold and “Introduction to Research” securing Elite + Silver.
2. Ms. Samanwita Roy completed course on “Competency based Education – What?, Why? and How? of it” from MIT, Massachusetts, U.S.A.
3. Mr. Rahul Singh and Mr. Manishkumar Gadle successfully completed online course on “UI Path”.
4. Mr. D. V. Kunte has attended 2 day workshop on CNC Part Programming
5. Mr. Pankaj Jadhav has completed online courses on “Object Oriented Programming”, “Start up India”, LATEX, and “Solidworks – DASSAULT systems”
6. In current A.Y., we have 16 STTP participations, 30 FDP participations and 18 workshop participations.

FDP and Workshop organized in Department:

1. 5 faculties attended one day workshop on “Virtual Lab” organized by Mr. Pankaj Jadhav
2. 20 faculties have attended 5-day FDP on “CATIA – DASSAULT
3. 8 faculties have attended 4 day FDP on “MSC – ADAMS”
4. 18 faculties have attended one day workshop on “MIND MAP” conducted by Mr. Amit Dalvi



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Papers Published:

1. Mr. Nikhil Khatekar, Mr. Rahul Singh and Dr. Jaya Goyal have published papers in Scopus indexed journals in this A.Y.
2. Mr. Nikhil Khatekar and Dr. Jaya Goyal have presented papers in conference.

Student Achievements:

ACADEMIC YEAR - 2019-20

NAME OF STUDENT	NAME OF EVENT	ORGANISED BY	DATE	Prize Won YES/NO	Events within State and outside state
Hardik Sharda	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Girish Dighe	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Jagdish Vishwakarma	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Shubhankar Vyavhare	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Suraj Pandey	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Sahil Tare	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Anil Yadav	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Jayesh Jadhav	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State



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Tanmay Kini	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Swapnil Gada	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Vishal Chouthmal	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Suyash Gandhi	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Sumeet Vora	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Mithilesh Vekhande	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Molik Soni	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Kevin Sangoi	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Dhananjay Yadav	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Soham Yerandkar	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Jaydev Kale	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Avinash Kamat	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Vidyabhushan Singh	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Vrushali Tiwari	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State



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Jhanvi Patel	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Shreya Gorule	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Suddesh Bhar	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State
Yash Yadav	EBRC	AMT MotoCorp	13 th -16 th Jan 2020	Yes	Outside State

ACADEMIC YEAR - 2019-20						
Sr. No	NAME OF STUDENT AND CLASS	NAME OF EVENT	ORGANISED BY	DATE	Prize Won YES/NO	Events within State and outside state
1.	Vishal Chouthmal	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
2.	Mithilesh Vekhande	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
3.	Swapnil Gada	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
4	Tanmay kini	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
5	Sumeet Vora	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
6	Anil Yadav	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state



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7	Avinash Kamath	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
8	Suraj Pandey	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
9	Dhananjay Yadav	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
10	Shubhankar vyavhare	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
11.	Suyasg Gandhi	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
12.	Jaydev Kale	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
13	Jayesh Jadhav	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
14.	Hardik Sharda	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
15.	Jagdish Vishwakarma	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
16.	Vidyabhushan singh	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
17.	Akshay Gavde	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
18.	Janvi Patel	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
19.	Vrushali Tiwari	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
20.	Rahul dusane	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
21.	Sahil Tare	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state



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	22.	Soham Yerandkar	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
	23.	Tejas Sonar	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
	24.	Sudesh Bhar	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
	25.	Shreya Gorule	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
	26.	Sujoy Dev	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state
	27.	Vedant Shimoi	ESVC-19 SEASON 6.0	ISIE-INDIA	27 th -31 st March 2019	Yes	Outside state

Distinguished
Alumni

NA





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10.6.B Name of the Department* Electronics & Telecommunication Engineering

Course BE

Level UG

1st Year of approval by the Council 2014

Year wise Sanctioned Intake	2020-21	2019-20	2018-19
	60	60	60

Year wise Actual Admissions	2020-21	2019-20	2018-19
	22+3(TFPS)	52+3(TFWS)+1(J&K)	35+3(TFWS)

Cut off marks – General quota	2020-21	2019-20	2018-19
	15.72	47.33	77.00

% Students passed with Distinction	2019-20	2018-19	2017-18
	100 %	44.44%	15%



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% Students passed with First Class	2019-20 0 %	2018-19 80.55%	2017-18 18%
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Students Placed	2019-20 18	2018-19 17	2017-18 23
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Average Pay package, Rs./Year	2019-20 3.6 lacs/year	2018-19 2.5 L/Year	2017-18 2.0 L/Year
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Students opted for Higher Studies	2019-20 01	2018-19 02	2017-18 01
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Accreditation Status of the course	NBA Accredited for Mechanical Engineering, Electronics and Telecommunication, Computer Engineering, Information Technology, & Civil Engineering Courses		
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Doctoral Courses	No		
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Foreign Collaboration, if any	No		
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Professional Society member	IETE, IEEE		
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Professional activities

For Year 2019-20

Sr. No.	List of Events Conducted Under IETE Student Forum (2019-2020)	Date
1	“Oscillation”-2020 – TECHNOVATION	27/02/2020
2	THINK BOTS – Online event conducted by ISF	29/05/2020
List of Events Conducted Under IEEE (2019-2020)		
3	Inauguration of Google machine learning academy in association with google and IEEE	03/08/2019
4	Expert Talk on, “Tensor Flow All Around Mumbai”, Advances in machine learning	26/10/2019
5	Expert Talk on, What real Engineering is ? – Ms. Sayneet Chattwal and Mr. Ali Mustafa	09/11/2019
6	Hands-on workshop on	18/01/2020

Consultancy

For Year 2019-20

Consultancy by Prof. Selvin Furtado
 Aunoa Solutions: Development of Local and Wide area network for IoT in BMS. Consultancy amount of 38940/-

Grants fetched

For Year 2019-20

Prof. Mamta Kurvey as Principal Investigator and Ms. Sonia Aneesh as co-investigator received grant of Rs. 25000/- for minor research grant by Mumbai University for the topic RF energy Harvesting at 2.4 Ghz and 3.5 GHz.

Departmental Achievements

Department achievements

- Project Based Learning conducted on Humanoid, Java Programming, Embedded System.



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- A seminar on Recent Advances in Telecommunication by Mr. Saurabh Srivastava AVP Training Development Head, Reliance Jio was conducted on 23rd July, 2019.
- An Orientation program on “Microcontroller & Application” for SEM-VI for Electronics & Telecommunication Engineering department was organised on 17th January 2019.

Student achievements:-

- Team Modified Auto Club was the overall winner in Indo Asian Solar Challenge (IASC)- Asia’s biggest solar car championship held at Sangamner in July 2019.
- Team Modified Auto Club was overall winner in Electric bike racing challenge 2020 held at Chattisgarh in Jan 2020.
- Mr. Rohan Shetty and Mr. Salman Qureshi completed Summer Training Program 2019 in Ural Federal University, Yekaterinburg, Russia. They worked on Mobile Intelligent Robotic System and Siemens Industrial Controller Programming.
- Rucha Pradhan, Sakshi Survey, Asavari Kenjale, Vikas Dubey, under Humanoid club were involved in the making of the 6-axis humanoid.
- Ms. Pooja Sawale secured Elite certificate for the course on Digital Circuits (July-Nov 2019)
- Ms. Rashmi Mishra completed the course on Digital Circuits (July-Nov 2019)

Coursera Certification

Sr. No.	Domain of the courses	Number of students completed the course
1.	Python Programming	23
2.	HTML	15
3.	Artificial Intelligence	10
4.	Internet of Things (IoT)	9
5.	Augmented Reality	3
6.	Cloud Computing (AWS)	10
7.	C Programming & Arduino Platform	1
8.	Data science	1
9.	Cyber security	1
	Structured Query Language (SQL)	1
10.	PHP	1
11.	Network Communication	1



Faculty achievements:-

- Prof. Mamta Kurvey was awarded PhD in electronics & Telecommunication on 31st August, 2019.
- Prof. Jay Mehta as a CCNA certified trainer under Cisco Networking Academy trained 27 students for the Routing & Switching 200-125 Course.
- Prof. Selvin Furtado, Prof. Adesh Hardas and Prof. Mahesh Pawaskar were the resource faculties for PBL titled "Embedded Automation" held in Dec 2019.

NPTEL:

- Prof. Sonia Aneesh was the 1 % topper with Silver in the NPTEL course on Digital Circuits, July- Nov 2019.
- Dr. Mamta Kurvey completed the NPTEL course on Microwave Theory & Techniques with Silver in July-Nov 2019.
- Prof. Sonia Aneesh completed the NPTEL course on Microwave Theory & Techniques with Silver in July-Nov 2019.

Coursera:

- Dr. Mamta Kurvey, Prof. Manisha Samant, Prof. Sonia Aneesh, Prof. Tejashri Kolhe, Prof. Adesh Hardas and Prof. Veena Gawde completed Coursera certification on the course on Data Science Maths Skills
- Dr. Mamta Kurvey, Prof. Manisha Samant, Prof. Sonia Aneesh, Prof. Tejashri Kolhe, Prof. Adesh Hardas and Prof. Afreenzehra Sayed completed Coursera certification on the course on Fundamentals of Network Communication.
- Dr. S. L. Shelgaonkar completed Coursera certification on the course on Wind Energy.
- Dr. S. L. Shelgaonkar completed Coursera certification on the course on Positive Psychology.
- Dr. S. L. Shelgaonkar completed Coursera certification on the course on Addicted Brain.
- Dr. S. L. Shelgaonkar completed Coursera certification on the course on Learning How to Learn: Powerful mental tools to help you master tough subjects.
- Ms. Sonia Aneesh completed Coursera certification on the course on Python Basics.



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- Ms. Sonia Aneesh completed Coursera certification on the course on Bits & Bytes of Computer Networking.
- Mr. Mahesh Pawaskar completed Coursera certification on the course on Introduction to HTML5.
- Mr. Adesh Hardas and Mr. Mahesh Pawaskar completed Coursera certification on the course on AI for everyone.
- Mr. Adesh Hardas and Mr. Mahesh Pawaskar completed Coursera certification on the course on Introduction to Internet of Things & Embedded Systems.
- Mr. Mahesh Pawaskar completed Coursera certification on the course on Arduino Platform & C Programming.
- Ms. Veena Gawde completed Coursera certification on the course on Machine Learning for all.
- Ms. Veena Gawde completed Coursera certification on the course on Programming for Everybody (Getting started with Python).
- Mr. Adesh Hardas completed Coursera certification on the course on Introduction to Machine Learning.
- Mr. Adesh Hardas completed Coursera certification on the course on Introduction to Big Data.
- Mr. Selvin Furtado completed Coursera certification on the course on AWS Fundamentals: Going Cloud-Native
- Mr. Selvin Furtado completed Coursera certification on the course on AWS Fundamentals: Going Cloud-Native
- Mr. Vaibhav Yavalkar completed Coursera certification on the course on Introduction to Virtual Reality.
- Mr. Vaibhav Yavalkar completed Coursera certification on the course on Covid-19: What you need to know (CME Eligible).
- Ms. Priti Farkade completed Coursera certification on the course on Fundamentals of Graphic Design.
- Mr. Avdhut Patil completed Coursera certification on the course on Electric Power Systems.
- Mr. Avdhut Patil completed Coursera certification on the course on Electric Utilities -Fundamentals & Future.
- Mr. Avdhut Patil completed Coursera certification on the course on Excel Skills for Business Essentials.
- Ms. Priti Farkade completed Coursera certification on the course on Graphic Design.
- Ms. Priti Farkade completed Coursera certification on the course on Ideas from History of Graphic Design.



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- Ms. Priti Farkade completed Coursera certification on the course on Introduction to Image making.
- Ms. Priti Farkade completed Coursera certification on the course on Introduction to Typography.
- Ms. Priti Farkade completed Coursera certification on the course on Brand New Brand.

Spoken Tutorial by IIT Bombay:

- Prof. Sonia Aneesh, Prof. Adesh Hardas and Prof. Prashant Ahire completed Linux training by Spoken Tutorial Project IIT, Bombay.
- Prof. Sonia Aneesh, Prof. Adesh Hardas, Prof. Veena Gawde, Prof. Mahesh Pawaskar and Prof. Afreenzehra Sayed completed R-programming training by Spoken Tutorial Project IIT, Bombay
- Prof. Jay Mehta, Prof. Prashant Ahire and Prof. Vaibhav Yavalkar completed Latex training by Spoken Tutorial Project IIT Bombay.
- Dr. M. P. Kurvey completed one week online FDP on Moodle-Learning Management System from 7-5-21 to 12-5-21 by Spoken Tutorial Project IIT, Bombay.
- Prof. Prashant Ahire completed Moodle Test for teachers by Spoken Tutorial Project IIT, Bombay.

CISCO certification:

- Prof. Jay Mehta completed CISCO certification: Instructor level credential for completing CCNAv7: Enterprise Networking, Security and Automation course.

Autodesk Authorised Training:

- Mr. Avdhut Patil & Ms. Priti Farkade completed Autodesk Authorised Training on Autocad Essential on 20th May 2020.

Faculty Development Program & Short term Training Program

- Dr. M. P. Kurvey completed one week FDP on Antenna Design & Trouble shooting from 3-6-21 to 7-6-21 by Pillai College of Engineering.
- Dr. M. P. Kurvey completed online STTP on “Sensor, IoT & Machine Learning” from 1-6-21 to 5-6-21 by K.J. Somaiya College of Engineering.



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- Dr. S. L. Shelgoankar completed UGC Paramarsh Online FDP on NAAC Assessment & Accreditation from 21st to 26th May 2020 by Shri Shivaji College Parbhani
- Prof. Sonia Aneesh and Prof. Veena Gawde completed One-week AICTE approved FDP on Scilab Programming by NITTTR, Chandigarh from 14-4-20 to 18-4-20.
- Prof. Veena Gawde completed One-week AICTE approved FDP on Latest Wireless and Computing Technologies by NITTTR, Chandigarh.
- Prof. Vaibhav Yavalkar completed Certification of YouTube creator Academy
 - a) 360 degree video and virtual reality
 - b) Earn money with ads
- Prof. Veena Gawde completed One-week AICTE approved FDP on Image and Embedded Processing by NITTTR, Chandigarh from 27-4-20 to 1-5-20.
- Prof. Sonia Aneesh & Prof. Veena Gawde completed One-week AICTE approved FDP on Neural Networks and CNN, Chandigarh from 11-5-20 to 15-5-20.
- Prof. Veena Gawde completed One-week AICTE approved FDP on Open Source Cyber Security Tools , Chandigarh from 11-5-20 to 15-5-20.
- Prof. Veena Gawde completed One-week AICTE approved FDP on Latest Wireless and Computing Technologies , Chandigarh from 14-4-20 to 18-4-20.
- Prof. Veena Gawde completed One-week FDP on Python 3.4.3 organized by Thakur college of Engineering & Technology from 15th to 20th June 2020.
- Prof. Tejashri Kolhe completed online live FDP on Network Essentials by ICT Academy from 14th to 20th May, 2020.
- Prof. Adesh Hardas & Prof. Veena Gawde completed One-week AICTE approved FDP on Artificial Intelligence by NITTTR, Chandigarh from 25-5-20 to 29-5-20.
- Prof. Veena Gawde completed ATAL Online FDP on Artificial Intelligence from 25-5-20 to 29-5-20 by NITTTR, Chandigarh.
- Prof. Prashant Ahire completed on week international FDP on Innovative Trends in Engineering & Technology organised by Shree L. R. Tiwari college of engineering from 25th to 29th May 2020.



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- Prof. Prashant Ahire completed 2 days FDP on Artificial Intelligence in Healthcare organised by R.C. Patel Institute of Technology , Shirpur on 10th , 11th June 2020.
- Prof. Prashant Ahire completed Online AICTE recognised FDP on Academic Leadership Enhancement in Technical Institutions from 4-5-20 to 8-5-20 by NITTTR, Chandigarh.
- Prof. Prashant Ahire completed Online Hands on FDP on Data Science with Python from 18-5-20 to 22-5-20 by Terna Engineering College .
- Prof. Prashant Ahire completed one week TEQIP online FDP on Machine Learning & Deep Learning Applications in Engineering & Science from 16-5-20 to 20-5-20 Government College of Engg Karad and Rajkiya Engg college Azamgarh.
- Prof. Prashant Ahire completed 5 day Online STTP on IoT and its Application in industry from 8-6-20 to 12-6-20 by Ramrao Adik Institute of Technology.
- Prof. Prashant Ahire completed 4 days Online FDP on Research Funding Projects & IPR from 7-5-20 to 10-5-20 by K. C. College of Engineering and Management Studies and Research.
- Prof. Prashant Ahire completed International FDP on Future Advancements and Applications of Internet of Things from 12-6-20 to 14-6-20 by Sandip Institute of Engineering & Management.
- Prof. Prashant Ahire completed One-week AICTE approved FDP on Image and Embedded Processing by NITTTR, Chandigarh from 11-5-20 to 15-5-20.
- Prof. Prashant Ahire completed one week online FDP on "Opportunities & Challenges in Electronics & Allied Industries in India post COVID-19" from 25-5-20 to 30-5-20 by Vivekanand Education Society's Institute of Technology.
- Prof. Prashant Ahire completed One-week AICTE approved FDP on Technological Interventions using Wireless Communication by NITTTR, Chandigarh from 18-5-20 to 22-5-20.
- Prof. Prashant Ahire completed 5-day online FDP on Recent Trends & Applications of Machine Learning and Deep Learning in IT by Ramrao Adik Institute of Technology from 25-5-20 to 29-5-20.
- Prof. Prashant Ahire completed 5 day online STTP on “MATLAB based Teaching-Learning in Mathematics, Science & Engineering”. by Ramrao Adik Institute of Technology from 18-5-20 to 22-5-20.



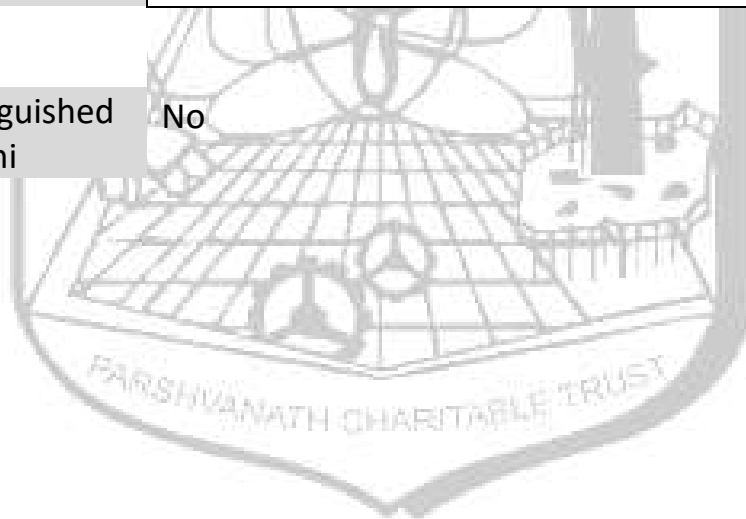
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- Prof. Prashant Ahire completed Webinar Series on “Machine Learning and Artificial Intelligence by IEEE Bombay Section from 23-5-20 to 27-5-20.
- Prof. Prashant Ahire completed Webinar on “Vogue of Embedded System by Vidyavardhini College of Engineering & Technology in association with Texas Lab instruments from 27-5-20 to 29-5-20.

Certifications offered by TATA steel

- Ms. Priti Farkade completed ELearning program on Advance Microsoft Excel by Tata Steel on 30-4-20.
- Ms. Priti Farkade completed ELearning program on MS office by Tata Steel on 11-4-20.
- Mr. Avdhut Patil completed ELearning program on Transformer by Tata Steel on 14-5-20.
- Mr. Avdhut Patil completed ELearning program on MS office by Tata Steel on 26-5-20.

Distinguished Alumni No





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10.6.C Name of the Department* Department of Computer Engineering

Course BE

Level UG

1st Year of approval by the Council 2014

Year wise Sanctioned Intake	2020-21	2019-20	2018-19
	180	60	60

Year wise Actual Admissions	2020-21	2019-20	2018-19
	179+9(TFWS)	60+3(TFWS)	57+3(TFWS)

Cut off marks – General quota	2020-21	2019-20	2018-19
	4.7489	62	83

% Students passed with Distinction	98.66%	2018-19	2017-18
		61	68.96



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% Students passed with First Class	1.33%	2018-19 38	2017-18 32.04
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Students Placed	2019-20 40	2018-19 36	2017-18 36
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Average Pay package, Rs./Year	2019-20 3.5 p.a.	2018-19 3 L/Year	2017-18 3 L/Year
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Students opted for Higher Studies	2019-20 12	2018-19 11	2017-18 03
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Accreditation Status of the course	NBA Accredited for Mechanical Engineering, Electronics and Telecommunication, Computer Engineering, Information Technology, & Civil Engineering Courses		
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Doctoral Courses	No		
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Foreign Collaborations, if any	No		
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Professional
Society
member

CSI STUDENT CHAPTER

Professional
activities

03(IEEE)+ 11(CMSA)

Consultancy

NA

Grants fetched

NA

Departmental
Achievements

Student Achievements (2019-20)

Sr. No	Name of Student	Name of Event	Organized By	Date	Prize Won
1	Anmol Majithia	Game of Codes	DBIT,Kurla	28/09/2019	3 rd Prize
2	Jatin Saini	Game of Codes	DBIT,Kurla	28/09/2019	3 rd Prize
3	Yash Sampat	Codeblocks	APSIT,Thane	06/02/2020	1 st Prize
4	Atharva Kulkarni	Gaming	APSIT,Thane	07/02/2020	1 st Prize
5	Anshul Khairnar	Gaming	APSIT,Thane	07/02/2020	1 st Prize



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6	Parin Dodhiya	Gaming	APSIT,Thane	07/02/2020	1 st Prize
7	Yash Payare	Gaming	APSIT,Thane	07/02/2020	1 st Prize
8	Keyur Mithari	Gaming	APSIT,Thane	07/02/2020	1 st Prize
9	Jatin Saini	VIL CODE FEST 2019	HACKEREAR TH, Birla Centurion	14/02/2020 15/02/2020	4 TH Prize

Global Certification of Students

Sr. No.	Course Name	Number of Certification
1	Blockchain Expert	17
2	Blockchain Developer	7
3	Cryptocurrency Trader	1
4	Solidity Developer	1
5	Certified Smart Contract Developer	1
6	NVIDIA Deep Learning	33
7	Oracle Academy Database Foundations	44

**Distinguished
Alumni**

Mr. Tanmay Sule got AIR 2 in GATE examination



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Faculty Achievements:

Faculty STTP/FDP Details Year 2019-20

Sr No.	Name of Faculty	STTP/FDP attended	Venue and Date	Duration
1	Prof. Amol Kalugade	Data Science and Big Data Analytics	APSIT,Thane	5 days
2	Prof. M.A Jain	NPTEL FDP on Human Machine Interaction	NPTEL	8 weeks
		STTP on Natural Language Processing	SAKEC,Mumbai 2 Jan -8 Jan 2020	7days
		International Faculty Development Program on Environment and Sustainability	01/05/2020 to 31/05/2020	1-Month
		Faculty Development Program on Introduction to Cyber Security by ICT Academy	30/04/2020 to 05/05/2020	6-Days
		FDP on Drupal training Certification from Spoken Tutorial,IIT Bombay	27th April to 3rd May 2020	7-days
		Linux Training Certification from Spoken Tutorial,IIT Bombay	20th April,2020	One week
		Faculty Development Program on Game Pedagogy in OBE by K. C. College of Engineering.	11/06/2020 to 12/06/2020	2-Days
		3	Prof. Merlin Priya	Cybersecurity Infrastructure Configuration
FDP on Programming in Java	NPTEL			12 weeks
FDP on International Faculty Development Program on Environment and Sustainability	01/05/2020 to 31/05/2020			1-Month



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		FDP on Introduction to Cyber Security by ICT Academy.	30/04/2020 to 05/05/2020	6-Days
		FDP on Drupal training Certification from Spoken Tutorial,IIT Bombay	27th April to 3rd May 2020	7-days
		Linux Training Certification from Spoken Tutorial,IIT Bombay	20th April,2020	One week
4	Prof. Sachin Takmare	Data Science and Big Data Analytics	APSIT,Thane	5 days
5	Prof. Sukhada Aloni	International Faculty Development Program on Environment and Sustainability	01/05/2020 to 31/05/2020	1-Month
		Faculty Development Program on Team Building and Management by ICT Academy.	30/04/2020 to 05/05/2020	6-Days
		FDP on Drupal training Certification from Spoken Tutorial,IIT Bombay	27th April to 3rd May 2020	7-days
		FDP on Linux Training Certification from Spoken Tutorial,IIT Bombay	20th April,2020	One week
6	Prof. Sofiya Mujawar	Faculty Development Program on Networking Essentials by ICT Academy	14/06/2020 to 20/06/2020	6-Days
		Faculty Development Program on Drupal training Certification from Spoken Tutorial,IIT Bombay	27th April to 3rd May 2020	7-days
		FDP on Linux Training Certification from Spoken Tutorial,IIT Bombay	20th April,2020	One week
7	Prof. Ramya RB	International FDP on Environment and Sustainability(OE4BW) from D.Y Patil College of Engineering Akurdi	May 1 to May 31 2020	4 weeks
		Faculty Development Program on Drupal training Certification from Spoken Tutorial,IIT Bombay	27th April to 3rd May 2020	7-days



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		FDP on Linux Training Certification from Spoken Tutorial,IIT Bombay	20th April,2020	One week
8	Prof. Archana Kotangale	FDP on Linux Training Certification from Spoken Tutorial,IIT Bombay	20th April,2020	One week
9	Prof. Jaya Gupta	FDP on Linux Training Certification from Spoken Tutorial,IIT Bombay	20th April,2020	One week
10	Dr. Rahul K. Ambekar	UGC Paramarsh Online Faculty Development Program on NAAC Assessment & Accreditation	21/05/2020 to 26/05/2020	1-Week
		8 Credit Course on Outcome Based Education Faculty Development Program	24/03/2020 to 14/04/2020	3 Weeks
11	Dr.P.P.Adivarekar	Faculty Development Program on Drupal training Certification from Spoken Tutorial,IIT Bombay Doctarate Dergree awarded in Month of December 2019	27th April to 3rd May 2020	7-days

ACADEMIC YEAR - 2019-20 (July 19-June20)

Short Term Training Programs

Sr.No	Name of event	Date	Experts	No. of Participants
1	AWS Cloud Foundation	14/09/2019 – 25/09/19	Mr. Pranav Phadke	35

Expert Talks

Sr.No	Name of event	Date	Experts	No. of Participants
1	Article presentation	07/02/2020	CSI	16



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2	Gaming event	07/02/2020	CSI	21
3	CodeBlock	06/02/2020	CSI	15
4	Session on Unity	06/02/2020	Mr. Madhur Gupta	28
5	Tech Race	05/02/2020	CSI	23
6	I am Remarkable	14/12/2019	Mr. Ali Mustafa	26
7	TensorFlow 2.0	26/10/2019	Mr. Ali Mustafa	52
8	NVIDIA Deep Learning Fundamental for Computer Vision	12/10/2019	Ms. Jaya Gupta	34
9	LaTex Session	20/09/2019	Mr. Vishal Badgujar	51
10	Game Development in Unity	10/09/2019	Mr. Madhur Gupta	21
11	Changing Industry Trends and Foreign Opportunities	26/08/2019	Mrs. Sujata Kolekar	33
12	NVIDIA Deep Learning	30/08/2019	Mr. Sarthak Garg	8
13	GRE Guidance Session	28/08/2019	Mr. Mithul Gada	30
14	NVIDIA Deep Learning	21/08/2019	Mr. Sarthak Garg	35
15	Data Structure and Analysis	10/08/2019	Mr. Rajesh Vats	36
16	Machine Learning	03/08/2019	Mr. Ajinkya Kolhe	37
17	Role of IEEE for Society and Environment	03/08/2019	Dr. B. Satyanarayana	31
18	Introductory session on UNITY	02/08/2019	Mr. Jatin Sain	50



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10.6. D Name of the Department* Information Technology

Course BE

Level UG

1st Year of approval by the 2014

Year wise Sanctioned Intake	2020-21	2019-20	2018-19
	120	60	60

Year wise Actual Admissions	2020-21	2019-20	2018-19
	120+6(TFWS)	60+03(TFWS)	53+03(TFWS)

Cut off marks – General quota	2020-21	2019-20	2018-19
	14.26	JEEE – 39 MHCET - 05	JEEE – 67 MHCET - 43

% Students passed with Distinction	100%
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% Students passed with First Class	0%
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Students Placed	2019-20	2018-19	2017-18
	39	40	24

Average Pay package, Rs./Year	2019-20	2018-19	2017-18
	2.14 Lakhs	2.95 LPA	2.07 LPA

Students opted for Higher Studies	2019-20	2018-19	2017-18
	02	04	04

Accreditation Status of the course	NBA Accredited for Mechanical Engineering, Electronics and Telecommunication, Computer Engineering, Information Technology, & Civil Engineering Courses
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Doctoral Courses	No
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Foreign Collaborations, if any	No
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Professional Society member	CSI, IEEE STUDENT CHAPTER
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Professional activities	1. Department organized PBL on “Web Stack” from 12/06/2019 to 17/06/2019.
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2. Short term training program on “AWS cloud foundation” was arranged from 16/06/2019 to 21/06/2019.
3. Short term training program on “Business Analytics” was arranged from 17/06/2019 to 22/06/2019.
4. Department organized PBL on “Core JAVA” from 24/06/2019 to 29/06/2019.
5. Expert Talk on - Role of IEEE for society and environment on 03/08/2019.
6. Training Session on- How to prepare for GD & PI from 31/07/2019 to 06/08/2019.
7. Expert Talk on – Optimizing Complexity of Algorithm on 10/08/2019.
8. Expert Talk on - How to present your Research on 20/08/2019.
9. Hands on session on -Deep Learning NVIDIA DGX on 29/08/2019.
10. Expert Talk on Game Development in Unity on 10/09/2019.
11. Short term training program on “AWS Academy Cloud Foundations” was arranged from 14/09/2019 to 15/09/2019 and 21/09/2019 to 22/09/2019.
12. Expert Talk on - Creating Technical Report using LaTeX on 20/09/2019.
13. Hands on Session on -Basic and Advance operations on GitHub on 27/09/2019.
14. Expert Talk on – Cloud Architectural Best Practices on 03/10/2019.
15. One day workshop on Fundamentals of Deep Learning for Computer Vision on 12/10/2019.
16. Expert Talk on-Tensor flow 2.0 on 26/10/2019.
17. Expert Talk on Fundamentals of Accelerated computing using CUDA Python on 02/12/2019.



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18. Faculty Development Program on “Data Science & Big Data Analytics” was arranged from 02/12/2019 to 06/12/2019.
19. Short term training program on “Data Science & Big Data Analytics” was arranged from 09/12/2019 to 13/12/2019.
20. Expert talk on Web Development with Or Without React on 03/02/2019.
21. Industrial visit was arranged to “DP World” on 04/02/2020.
22. Expert Talk on Benefits of IEEE membership on 05/02/2020.
23. Expert Talk on Blockchain technology on 05/02/2020.
24. Expert Talk on Importance of Competitive Coding in all aspects on 06/02/2020.
25. Department organized hackathon “APSCRIPT” on 07/02/2020 and 08/02/2020.
26. Expert Talk on Intel Course on 09/02/2020.
27. Hands on Session on -Basic and Advance operations on GitHub on 10/02/2020.
28. Expert Talk on Use of simulator and designing finite automata on 12/02/2020.
29. Virtual Training on ‘Docker Essentials’ on 20/03/2020.
30. Expert Talk on Distributed system programming, Data Science, Coding competitions and research papers on 20/04/2020.
31. Expert Talk on Importance of Tech Communities and Introduction to Design Thinking on 21/01/2020.



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32. Expert Talk on Freeing yourself from stress, boredom and anxiety and opening up in the lockdown on 22/04/2020.
33. Expert Talk on Careers in Blockchain on 23/04/2020.
34. Expert Talk on Start your Cloud Journey with AWS on 24/04/2020.
35. Department organized hackathon “CODE-ATHON 1.0” on 24/05/2020.
36. Webinar on Introduction to Middleware Technologies on 09/06/2020.
37. Webinar on Introduction to Red Hat OCP & Microservice Architecture on 16/06/2020.
38. Virtual Training on CCNA: Introduction to Networks on 12/05/2020 to 12/08/2020.

Consultancy activities

NA

Grants fetched

No

Departmental Achievements

1. Rohan Shah, Prasad Zende, Aishwarya Panhale, Chinmay Karnik were first runner up in Exhalt-19.
2. Harsh Kansara, Ayush Shrivastava, Durgesh Dubey, Tushar Naikwade were first prize in Exhalt-19.



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3. ALI Mustafa - IEEE member, TedX speaker, secured position 7 on leader board, Larry K. WILSON regional student award and many more.
4. Rohan Shah, Prasad Zende, Aishwarya Panhale, Chinmay Karnik were first prize in ICRACCI.
5. Harsh Kansara, Ayush Shrivastava, Durgesh Dubey, Tushar Naikwade were first prize in ICRACCI.
6. Dilesh Tanna secured first place in Hack Script 1.0.
7. Rohan Shah, Prasad Zende, Aishwarya Panhale, Chinmay Karnik were first prize in Smart City Ideathon.
8. Prasad Jadhav, Rutwik Gaikwad were first runner up in Smart City Ideathon.
9. Utkarsh Naik, Debashish Chaudhary, Tejal Tandel were first prize in Smart City Ideathon.
10. Sujoy Dev secured first place in ESVC 2018-19.
11. Pranav Chauhan, Rohit Arava, Sachin Gupta, Nilesh Yadav, Prathamesh Khandare second runner up in Smart City Ideathon.
12. Sujoy Dev was part of the MAC Team Overall Winner in Indo Asian Solar Challenge (IASC)-



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an Asia's biggest solar car championship held at Sangamner in July 2019.

13. Akshata Singh was part of the MAC Team Overall Winner in Electric Bike Racing Challenge-2020 held at Chhattisgarh in Jan-2020.

14. Sanjana Nalawade, Sitanshu Mathukia and Himanshu Raut, reached Semi-Finals in India Innovation Challenge (Iicdc) 2019 and they get \$200 Worth Equipment's from Texas Instruments.

15. Student team of Rushika Ramrane, Rutuja Patole reached Semi-Finals in India Innovation Challenge (Iicdc) 2019 and they get \$200 Worth Equipment's from Texas Instruments.

16. Student team of Yogendra Kokamkar, Sameer Dev and Sudama Jaiswal reached Semi-Finals in India Innovation Challenge (Iicdc) 2019 and they get \$200 Worth Equipment's from Texas Instruments.

17. Sanjana Nalawade, Sitanshu Mathukia and Himanshu Raut reached Regional Finals e-Yantra Robotics Championship.

18. Akshata Singh reached Zonal Round in SAE INDIA 2020 Championship.



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19. Soundarya Nevrekar achieved N5 JAPANESE Language Proficiency Certification.
20. Yogendra Kokamkar, Karthikeyan Debashish, Chaudhari, Udhbhedra Maity, Utkarsh Naik, Akash Nair Global Certification completed in Blockchain (Expert, Architect, Developer), Dell EMC Associate Big Data Science and Analytics, AWS Cloud Practitioner.
21. Tejas Raibagi develop a Game (C.L.A.S.H) under Unity Academy and available on play store
22. Ankita Deshmukh, Jyoti Tiwari, Ritwik Gaikwad, Cinmay Dharap in house web development team who have design web site for varies events like APSIT OJUS, ICAST and Talent hunt.
23. Prof. Neha Deshmukh Completed Database Foundations Certification through Oracle Academy.
24. Prof. Nahid Shaikh got Certified as AWS Cloud Practitioner.
25. Prof. Vishal Badgujar got Certified as DELL EMC Associate, Data Science and Big Data Analytics.
26. Prof. Vishal Badgujar appreciated as NPTEL Active SPOC for Three Consecutive Semesters.



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27. Prof. Kaushiki Upadhyaya got Certified in Fundamentals of Deep Learning for Computer vision by NVIDIA.

28. Prof. Kaushiki Upadhyaya got appreciation by Texas Instruments DST, AICTE and IIM-Banglore and nominated as member of Confederation of Elite Academicians of IICDC.

Distinguished Alumni

1. Maity Uddhabhndra got placed in Amazon Web Servies.
2. Thadeshwar Hiral got placed in IBM India Private Limited.
3. Sapra Greshma got placed in Infosys Limited.
4. Deshmukh Ankita got placed in Infosys Limited.
5. Dhumale Anuja got placed in Infosys Limited.
6. Dudhane Manasi got placed in Infosys Limited.
7. Saroliya Surabhi got placed in Infosys Limited.
8. Shah Vinit got placed in Infosys Limited



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10.6. E Name of the Department* Civil Engineering

Course BE

Level UG

1st Year of approval by the Council 2014

Year wise Sanctioned Intake	2020-21	2019-20	2018-19
	120	120	120

Year wise Actual Admissions	2020-21	2019-20	2018-19
	30+5(TFWS)	36+6(TFWS)	92+5(TFWS)

Cut off marks – General quota	2020-21	2019-20	2018-19
	16.9155	11.13	43

% Students passed with Distinction	100 %
------------------------------------	-------

% Students passed with First Class	%
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Students Placed	2019-20 28	2018-19 08	2017-18 22
-----------------	---------------	---------------	---------------

Average Pay package, Rs./Year	2019-20 2.6-3.2 lakh	2018-19 4.4 L/Year	2017-18 3.5 L/Year
-------------------------------	-------------------------	-----------------------	-----------------------

Students opted for Higher Studies	2019-20 2	2018-19 19	2017-18 11
-----------------------------------	--------------	---------------	---------------

Accreditation Status of the course	NBA Accredited for Mechanical Engineering, Electronics and Telecommunication, Computer Engineering, Information Technology, & Civil Engineering Courses		
------------------------------------	---	--	--

Doctoral Courses	No
------------------	----

Foreign Collaborations, if any	No
--------------------------------	----

Professional Society member	IGBC (Indian Green Building Council)
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Professional activities	IGBC
Consultancy activities	No



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Grants fetched

Departmental Achievements

Sahil Narkar and Diksha Shinde TE Civil Winner in Rapid Survey in VYRO- An Inter-Collegiate Techfest organized by Universal College of Engineering Kaman.

Distinguished Alumni

No

10.7 Faculty Teaching:

Branch	Permanent Faculty	Adjunct Faculty
Civil	20	
Computer	17	2
EXTC	15	2
IT	16	2
Mech	21	-
FE	16	-

10.8 Profile of Principal /Faculty

SEE ANNEXURE A

10.9 Fee

Fee of the Institute is approved by Fee Regulating Authority as per MAHARASHTRA ACT No. XXVIII of 2015 Details available on website <https://www.apsit.edu.in/fee-structure-2020-21>



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SEE ANNEXURE B

Time schedule for payment of Fee for the entire Programme
No. of Fee waivers granted with amount and name of students
Number of scholarship offered by the Institution, duration and amount
Criteria for Fee waivers/scholarship

The policy of refund of the Fee, in case of withdrawal, shall be clearly notified

Refund as per norms laid down by Directorate of Technical Education, Government of Maharashtra / University of Mumbai applicable for the current academic year

10.10.1 Number of seats sanctioned with the year of approval

Details available on website
<https://www.apsit.edu.in/ug-courses>

10.10.2 & 10.10.3 Admission Categories & Number of Students admitted under various categories each year in the last three years

CAP, Jain Minority, MGMT, TFWS, J&K

ADMISSION	2020-21	2019-20	2018-19
CAP	123	149	216
MINORITY	123		02
MGMT-APPLICATION RECEIVED/ADMITTED	138/907	119	134
TFWS	29	21	20
J&K	0	01	0

10.11 Admission Procedure

SEE ANNEXURE C
<https://fe2020.mahacet.org/StaticPages/frmlImportantDates?tms=33>



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10.11.1	Entrance test / admission criteria	MH-CET (https://mhtcet2020.mahaonline.gov.in/) / Admission Criteria Available on the website https://www.apsit.edu.in/admission-criteria
10.11.2	Calendar for admission against Management/vacant seats:	SEE ANNEXURE D
10.12.1 & 10.12.2	Criteria and Weightages for Admission	Available on the website https://prodstoragehdd.blob.core.windows.net/fe2020/dtefiles/files/64.pdf?did=32203 & https://www.apsit.edu.in/admission-criteria
		2020-21
10.12.3	Cut off / last candidate admitted	2.37
10.12.4 & 10.12.5	Marks scored in Test (Eligibility List)	See Annexure D
10.13.1	List of Applicants	See Annexure D
10.14.1	Results of Admission Under	See Annexure D



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Management seats/Vacant seats

10.14.2 Merit List

See Annexure D

PIO quota

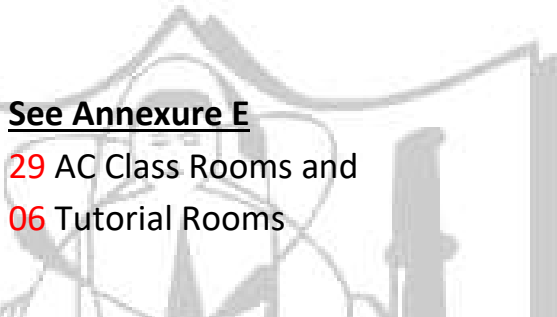
No

10.15 Infrastructural information

Classroom/Tutorial Room facilities

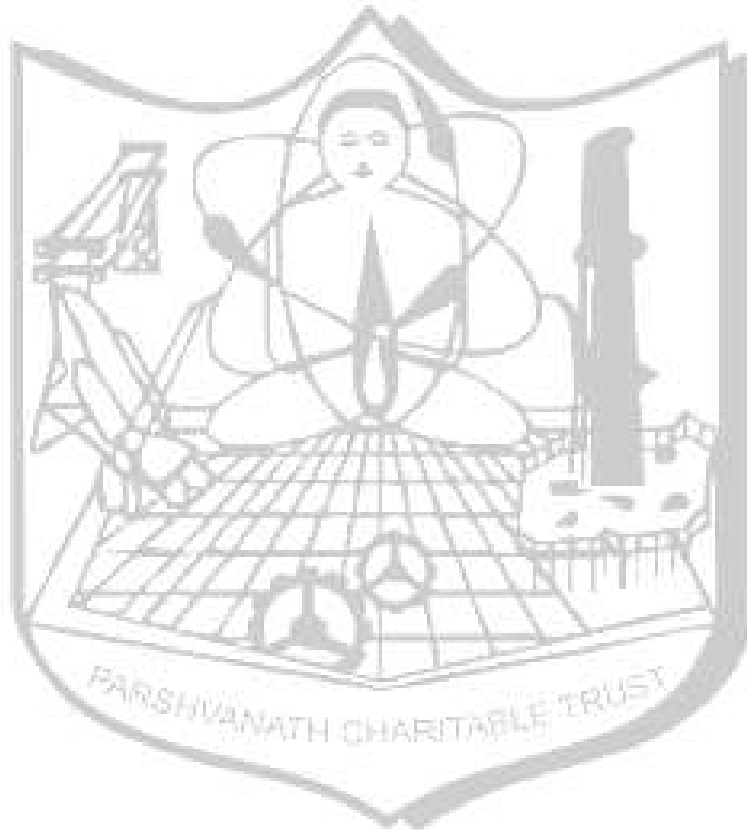
See Annexure E

29 AC Class Rooms and
06 Tutorial Rooms





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Laboratory details

44 Laboratories, 02 Workshop and 02 Drawing Hall





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Computer Centre facilities

02 Computer Center



Library facilities

Available with reading room capacity of 250 students.



Auditorium / Seminar Halls / Amphi

Available





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Cafeteria

Available



Indoor Sports facilities

T.T, Chess, Carrom, Boxing, Cricket Net



Gymnasium facilities

Not Available



Facilities for disabled

Available





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Any other facilities

Music Room with Musical instruments like Drum Set, Keyboard.



Lift facility

WiFi Campus



Boys Hostel

Not Available

Girls Hostel

Not Available

Medical & other Facilities at Hostel

Not Applicable

10.16 Academic Sessions

ODD SEM: July – December
 EVEN SEM: January - June

Examination system, Year / Sem

Semester



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10.17 Period of declaration of results
Counseling / Mentoring
Career Counseling

Within 45 days of completion of examination

Yes



Medical facilities

Yes



Student Insurance

No


10.18 Students Activity Body
Cultural activities

Yes

Yes



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Sports activities	Yes	
Literary activities	Yes	
Magazine / Newsletter	Yes-Issued Yearly	
Technical activities / TechFest	Yes (EXALT)	
Industrial Visits / Tours	As per syllabus requirement of each branch	
Alumni activities	Not Applicable	
10.19 Name of the Information Officer for RTI	Dr. S. S. Nanivadekar	
Designation	Associate Professor & Dean Administration	
Phone number with STD code	(022) 25973737	



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FAX number with
STD code

(022) 2593739

Email


ssnanivadekar@apsit.edu.in






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Annexure A

1	Name of Teaching Staff	Dr. U. D. Kolekar			
2	Designation	Principal			
3	Department	IT			
4	Date of Joining the Institution	22/08/2014			
5	Qualifications with Class/Grade	B.E. (Electronics) First Division	M.E. (Electronics) First Division	Ph.D (Electronics Engg) Awarded	
6	Total Experience in Years	Teaching : 26	Industry : 01	Research : 07	
7	Papers Published	National : 04		International : 10	
8	Papers Presented in Conferences	National : 10		International : 08	
9	PhD Guide? Give field & University	Electronics Engineering		University of Mumbai	
10	PhDs / Projects Guided	PhDs – 05		Projects at Masters level -- 07	
11	Books Published / IPRs/ Patents	----			
12	Professional Memberships	FIETE, MISTE, INST, IACSIT			
13	Consultancy Activities	----			
14	Awards	----			
15	Grants fetched	----			
16	Interaction with Professional Institutions	I.I.T., V.J.T.I, T.C.S.			



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1	Name of Teaching Staff	Mr. A. M. Deshpande		
2	Designation	Associate Professor & Dean Academics		
3	Department	EXTC		
4	Date of Joining the Institution	01/04/2014		
5	Qualifications with Class/Grade	B.E (EXTC) 1st Class	M.E (Instru) 1st Class	----
6	Total Experience in Years	Teaching : 25	Industry : 1.5	Research : ----
7	Papers Published	National : 08		International : 02
8	Papers Presented in Conferences	National : 07		International : 02
9	PhD Guide? Give field & University	Field ----	University ----	
10	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
11	Books Published / IPRs/ Patents	----		
12	Professional Memberships	LMISTE, AMIE, FIETE, LMISI		
13	Consultancy Activities	----		
14	Awards	----		
15	Grants fetched	----		
16	Interaction with Professional Institutions	----		




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1	Name of Teaching Staff	Dr. S. S. Nanivadekar		
2	Designation	Associate Professor & Dean Administration		
3	Department	IT		
4	Date of Joining the Institution	01/04/2014		
5	Qualifications with Class/Grade	B.E.(EXTC) Distinction	M.E.(EXTC) First Class	PhD(Electronics & Communication)
6	Total Experience in Years	Teaching: 19 yrs	Industry: 00	Research : ----
7	Papers Published	National : 01	International : 03	
8	Papers Presented in Conferences	National : 01	International : 04	
9	PhD Guide? Give field & University	Field ----	University -----	
10	PhDs / Projects Guided	PhDs ----	Projects at Masters level -----	
11	Books Published / IPRs/ Patents	----		
12	Professional Memberships	IETE		
13	Consultancy Activities	----		
14	Awards	----		
15	Grants fetched	----		
16	Interaction with Professional Institutions	----		






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1	Name of Teaching Staff	Dr. S.L. Shelgaonkar		
2	Designation	Assistant Professor		
3	Department	EXTC		
4	Date of Joining the Institution	01/04/2014		
5	Qualifications with Class/Grade	B.E (INSTRU) 1st Class	M.E (BME) 2ndClass	PhD
6	Total Experience in Years	Teaching : 17	Industry : 11	Research : ----
7	Papers Published	National : 00	International : 03	
8	Papers Presented in Conferences	National : 02	International : 02	
9	PhD Guide? Give field & University	Field ----	University ----	
10	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
11	Books Published / IPRs/ Patents	----		
12	Professional Memberships	IETE, ISA		
13	Consultancy Activities	----		
14	Awards	Significant performance award received for changing Bottle packM/C part. In Baxter(india)ltd. Company.		
15	Grants fetched	----		
16	Interaction with Professional Institutions	----		




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	Name of Teaching Staff	Dr.Mamta Praveen Kurvey		
	Designation	Assistant Professor		
	Department	EXTC		
	Date of Joining the Institution	01/07/15		
	Qualifications with Class/Grade	ME-EXTC (Ph. D pursuing)	First Class(68%)	PhD
	Total Experience in Years	Teaching :21	Industry : --	Research : --
	Papers Published	National : 00	International : 00	
	Papers Presented in Conferences	National : 15	International : 02	
	PhD Guide? Give field & University	Field ----	University ----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level 03	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	ISTE		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		




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	Name of Teaching Staff	Samant manisha mangal		
	Designation	Assistant professor		
	Department	EXTC		
	Date of Joining the Institution	01/07/15		
	Qualifications with Class/Grade	ME Electronics	Distinction	
	Total Experience in Years	Teaching : 9	Industry : 1	Research :
	Papers Published	National :	International :	
	Papers Presented in Conferences	National : 02	International : 01	
	PhD Guide? Give field & University	Field ----	University ----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	ISTE, LMIETE		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		




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Name of Teaching Staff	Mrs. Sonia Aneesh		
Designation	Assistant Professor		
Department	Electronics & Telecommunication		
Date of Joining the Institution	1-07-2015		
Qualifications with Class/Grade	M.E-EXTC	First class with Distinction	73.89%
Total Experience in Years	Teaching : 10	Industry : ---	Research : ---
Papers Published	National : ---	International : 1	
Papers Presented in Conferences	National : 1	International : ---	
PhD Guide? Give field & University	Field ----	University -----	
PhDs / Projects Guided	PhDs ----	Projects at Masters level -----	
Books Published / IPRs/ Patents	Dr. Asim Kumar Sen, Sonia Aneesh, Basic Electrical & Electronics Engineering, Vikas Publishing House Pvt. Ltd., ISBAN 978932596881-3		
Professional Memberships	LMIETE		
Consultancy Activities	----		
Awards	----		
Grants fetched	----		
Interaction with Professional Institutions	Yes (MOOCS)		




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Name of Teaching Staff	Selvin Furtado		
Designation	Asst. Prof.		
Department	EXTC		
Date of Joining the Institution	01/07/2016		
Qualifications with Class/Grade	M. Tech. Telecommunication Systems Engineering (IIT Kgp) / First Class with Distinction	B. E. Electronics and Telecommunication Engineering (University of Mumbai) / First Class	
Total Experience in Years	Teaching : 6	Industry : -	Research : 1
Papers Published	National : -	International : -	
Papers Presented in Conferences	National : -	International : -	
PhD Guide? Give field & University	Field ----	University -----	
PhDs / Projects Guided	PhDs ----	Projects at Masters level -----	
Books Published / IPRs/ Patents	-----		
Professional Memberships	LMIETE		
Consultancy Activities	A Knowledge Engineering Solutions		
Awards	SCHOLARSHIP OF MHRD		
Grants fetched	----		
Interaction with Professional Institutions	-----		




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Name of Teaching Staff	Adesh C Hardas		
Designation	Assistant Professor		
Department	EXTC		
Date of Joining the Institution	01-07-2016		
Qualifications with Class/Grade	ME EXTC	7.88	
Total Experience in Years	Teaching : 6	Industry : 8	Research :
Papers Published	National :	International : 1	
Papers Presented in Conferences	National :	International : 2	
PhD Guide? Give field & University	Field ----	University ----	
PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
Books Published / IPRs/ Patents	----		
Professional Memberships	----		
Consultancy Activities	----		
Awards	----		
Grants fetched	----		
Interaction with Professional Institutions	----		



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	Name of Teaching Staff	Mr. Jay Mehta		
	Designation	Assistant Professor		
	Department	Electronics & Telecommunication		
	Date of Joining the Institution	01/07/2016		
	Qualifications with Class/Grade	ME EXTC	First Class	
	Total Experience in Years	Teaching : 08	Industry : --	Research : --
	Papers Published	National : --		International :-- 02
	Papers Presented in Conferences	National :--		International : 01
	PhD Guide? Give field & University	Field ----	University ----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	LMIETE		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		




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	Designation	Assistant Professor		
	Department	EXTC		
	Date of Joining the Institution	01-07-2015		
	Qualifications with Class/Grade	B.E – First class	(M.E) First class	
	Total Experience in Years	Teaching : 06	Industry : 00	Research : 00
	Papers Published	National : No		International : 03
	Papers Presented in Conferences	National : No		International : No
	PhD Guide? Give field & University	Field ----	University ----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	LMIETE		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		




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	Name of Teaching Staff	VEENA GAWDE		
	Designation	ASSISTANT PROFESSOR		
	Department	HUMANITIES AND APPLIED SCIENCES		
	Date of Joining the Institution	4 TH JULY 2017		
	Qualifications with Class/Grade	ME EXTC		Qualifications with Class/Grade
	Total Experience in Years	Teaching : 07 YRS		Total Experience in Years
	Papers Published	National :		INTERNATIONAL:03
	Papers Presented in Conferences	National :		INTERNATIONAL:01
	PhD Guide? Give field & University	Field ----		
	PhDs / Projects Guided	PhDs ----		
	Books Published / IPRs/ Patents	----		
	Professional Memberships	----		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		




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	Name of Teaching Staff	Mr. Mahesh C. Pawaskar		
	Designation	Assistant Professor		
	Department	Electronics & Telecommunication		
	Date of Joining the Institution	25-06-2018		
	Qualifications with Class/Grade	ME (Electronics)	First Class	
	Total Experience in Years	Teaching : 11	Industry: Nil	Research : Nil
	Papers Published	National : 1		International : 3
	Papers Presented in Conferences	National : 4		International : 1
	PhD Guide? Give field & University	Nil		
	PhDs / Projects Guided	Nil		Nil
	Books Published / IPRs/ Patents	Nil		
	Professional Memberships	ISTE (Life time)		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		




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	Name of Teaching Staff	AFREENZEHRA AHMED SAYED		
	Designation	ASSISTANT PROFESSOR		
	Department	ELECTRONICS AND TELECOMMUNICATION		
	Date of Joining the Institution	01/07/19		
	Qualifications with Class/Grade	M.E	DISTINCTION	
	Total Experience in Years	Teaching : 7 years	Industry : 0	Research : 0
	Papers Published	National : 0		International : 3
	Papers Presented in Conferences	National : 0		International : 1
	PhD Guide? Give field & University	----		University ----
	PhDs / Projects Guided	PhDs ----		Projects at Masters level ----
	Books Published / IPRs/ Patents	----		
	Professional Memberships	----		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		



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	Name of Teaching Staff	AHIRE PRASHANT LOTAN		
	Designation	ASSISTANT PROFESSOR		
	Department	ELECTRONICS AND TELECOMMUNICATION		
	Date of Joining the Institution	17/06/19		
	Qualifications with Class/Grade	M.Tech Electronics	First Class with Distinction	8.4
	Total Experience in Years	Teaching : 15	Industry : 1	Research :
	Papers Published	National :	International : 4	
	Papers Presented in Conferences	National :	International : 2	
	PhD Guide? Give field & University	Field ----	University ----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level 1	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	ISTE (Membership ID 126615)		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		



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	Name of Teaching Staff	Vaibhav S. Yavalkar		
	Designation	Assistant Professor		
	Department	Electronics and Telecommunication		
	Date of Joining the Institution	10/6/2019		
	Qualifications with Class/Grade	ME (EXTC) - First Class	BE (EXTC) - First Class	
	Total Experience in Years	Teaching : 6 Months	Industry : NIL	Research : NIL
	Papers Published	National : NIL		International : 1
	Papers Presented in Conferences	National : NIL		International : 1
	PhD Guide? Give field & University	Field NA	University NA	
	PhDs / Projects Guided	PhDs NIL	Projects at Masters level NIL	
	Books Published / IPRs/ Patents	NIL		
	Professional Memberships	1. Institute for Sustainable Development and Research, Mumbai (ISDR) 2. American Geophysical Union(AGU), Washington D. C., USA (MF-2380864)		
	Consultancy Activities	NIL		
	Awards	NIL		
	Grants fetched	NIL		
	Interaction with Professional Institutions	Attending Seminars and Workshops		



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Department: Mechanical Engineering

1	Name of Teaching Staff	Venkatesh S. Rao		
2	Designation	Assistant professor		
3	Department	Mechanical		
4	Date of Joining the Institution	12/10/2017		
5	Qualifications with Class/Grade	B.E (Mech.) 1st Class	ME (1st Class)	----
6	Total Experience in Years	Teaching : 34	Industry : 0	Research : 0
7	Papers Published	National : 0		International : 0
8	Papers Presented in Conferences	National : 0		International : 0
9	PhD Guide? Give field & University	Field ----	University ----	
10	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
11	Books Published / IPRs/ Patents	----		
12	Professional Memberships	LMISTE		
13	Consultancy Activities	----		
14	Awards	----		
15	Grants fetched			
16	Interaction with Professional Institutions	----		




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1.	Name of Teaching Staff	Dr. S. B. Savargave		
	Designation	Assitant Professor		
	Department	Mechanical Engineering		
	Date of Joining the Institution	17/07/2014		
	Qualifications with Class/Grade	B.E (Inst) 1st Class with dist	M.E (Instru & Control) 1st Class	PhD (Electrical engg)
	Total Experience in Years	Teaching : 15	Industry :	Research :
	Papers Published	National : 02		International : 03
	Papers Presented in Conferences	National : 02		International : 03
	PhD Guide? Give field & University	----	----	
	PhDs / Projects Guided	----	----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	ISTE CHARITABLE TRUST		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		




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Name of Teaching Staff	Dr. TAUSIF YASEEN SHAIKH		
Designation	ASSISTANT PROFESSOR		
Department	MECHANICAL ENGINEERING		
Date of Joining the Institution	01 st AUGUST 2018		
Qualifications with Class/Grade	Ph.D. + M.Tech.	FIRST	
Total Experience in Years	Teaching : 0	Industry : 0	Research : 0.5
Papers Published	National : NIL		International : 01
Papers Presented in Conferences	National : NIL		International : 04
PhD Guide? Give field & University	Field: Liquid Rocket Engines		University: IIT Bombay
PhDs / Projects Guided	PhDs: NIL		Projects at Masters level: NIL
Books Published / IPRs/ Patents	NIL		
Professional Memberships	NIL		
Consultancy Activities	Developing mechanical systems for industries.		
Awards	NIL		
Grants fetched	NIL		
Interaction with Professional Institutions	Attending Seminar, training sessions and workshops		




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Name of Teaching Staff	Dilip V. Kunte		
Designation	Assistant Professor		
Department	Mechanical Engineering		
Date of Joining the Institution	01/07/2015		
Qualifications with Class/Grade	ME (Mech) 1st Class	BE (Mech) 2nd Class	
Total Experience in Years	Teaching : 18	Industry : 2.5	Research :
Papers Published	National : 0	International : 0	
Papers Presented in Conferences	National : 0	International : 0	
PhD Guide? Give field & University	Field ----	University ----	
PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
Books Published / IPRs/ Patents	----		
Professional Memberships	Life Member ISTE		
Consultancy Activities	----		
Awards	----		
Grants fetched	----		
Interaction with Professional Institutions	----		




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1	Name of Teaching Staff	Rajesh Behra		
2	Designation	Assistant professor		
3	Department	Mechanical		
4	Date of Joining the Institution	02/01/2017		
5	Qualifications with Class/Grade	B.E (Mech.) 1st Class	MTEch (Mechanical)	PhD Pursuing
6	Total Experience in Years	Teaching : 17 months:0	Industry : 04	Research : ----
7	Papers Published	National : 0		International : 1
8	Papers Presented in Conferences	National : 0		International : 3
9	PhD Guide? Give field & University	Field ----	University -----	
10	PhDs / Projects Guided	PhDs ----	Projects at Masters level -----	
11	Books Published / IPRs/ Patents	----		
12	Professional Memberships	LMISTE, LMIIIE		
13	Consultancy Activities	--		
14	Awards	----		
15	Grants fetched	Minor Research Grant from M U		
16	Interaction with Professional Institutions	----		




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Name of Teaching Staff	Swapnil Suresh Jayawant			
Designation	Assistant professor			
Department	Mechanical Engineering			
Date of Joining the Institution	04/07/2017			
Qualifications with Class/Grade	M.E. Mechanical	1st class with Dt.	Pursuing PhD	
	B.E. Mechanical	1st class		
Total Experience in Years	Teaching : 19	Industry : 2	Research : ____	
Papers Published	National :		International :	
Papers Presented in Conferences	National :		International :	
PhD Guide? Give field & University	Field ----		University ----	
PhDs / Projects Guided	PhDs ----		Projects at Masters level ----	
Books Published / IPRs/ Patents	----			
Professional Memberships	ISTE			
Consultancy Activities	----			
Awards	----			
Grants fetched	----			
Interaction with Professional Institutions	----			




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	Name of Teaching Staff	Swapnil Kondawar		
	Designation	Assistant Professor		
	Department	Mechanical Engineering		
	Date of Joining the Institution	01-July-2015		
	Qualifications with Class/Grade	B.E (Mech.) 1st Class	MTech(Heat Power)	Pursuing PhD
	Total Experience in Years: 10 yrs	Teaching : 07 yrs	Industry : 03 yrs	Research : 00
	Papers Published	National : 01	International : 01	
	Papers Presented in Conferences	National : 00	International : 03	
	PhD Guide? Give field & University	Field ----	University -----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level -----	
	Books Published / IPRs/ Patents	-----		
	Professional Memberships	ISTE LIFE MEMBER		
	Consultancy Activities			
	Awards	----		
	Grants fetched	MINOR RESEARCH GRANT FROM UNIVERSITY OF MUMBAI		
	Interaction with Professional Institutions	E-yantra Team Member, IIT Bombay		



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Name of Teaching Staff	Manishkumar Govindrao Gadle		
Designation	Assistant Professor		
Department	Mechanical Engineering		
Date of Joining the Institution	18/01/2016		
Qualifications with Class/Grade	M. Tech	Thermal and Fluids Engg.	Distinction
	B. E.	Mechanical Engineering	Distinction
Total Experience in Years	Teaching : 12	Industry : -01	Research : --
Papers Published	National : --		International : --
Papers Presented in Conferences	National : 03		International : --01
PhD Guide? Give field & University	Field ----	University ----	
PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
Books Published / IPRs/ Patents	2		
Professional Memberships	LMISTE		
Consultancy Activities	----		
Awards	----		
Grants fetched	----		
Interaction with Professional Institutions	----		




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	Name of Teaching Staff	Nikhil Vasant Khatekar		
	Designation	Assistant Professor		
	Department	Mechanical Engineering		
	Date of Joining the Institution	01/July/2015		
	Qualifications with Class/Grade	M. Tech		
		B. E.		
	Total Experience in Years	Teaching :5	Industry : 0.5	Research : --
	Papers Published	National : --	International : --	
	Papers Presented in Conferences	National :	International : --03	
	PhD Guide? Give field & University	Field ----	University ----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	----		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		




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Name of Teaching Staff	Samanwita Roy		
Designation	Assistant Professor		
Department	Mechanical		
Date of Joining the Institution	01/07/2016		
Qualifications with Class/Grade	M.E. Mechanical (CAD/CAM /ROBOTICS)	FIRST CLASS WITH DISTINCTION	Pursuing PhD
Total Experience in Years	Teaching : 8	Industry : ---	Research : ---
Papers Published	National : ---	International : 03	
Papers Presented in Conferences	National : ---	International : ---	
PhD Guide? Give field & University	Field ----	University ----	
PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
Books Published / IPRs/ Patents	01		
Professional Memberships	----		
Consultancy Activities	----		
Awards	----		
Grants fetched	----		
Interaction with Professional Institutions	----		




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	Name of Teaching Staff	Arti Vishwanath		
	Designation	Assistant Professor		
	Department	Mechanical		
	Date of Joining the Institution	03/07/17		
	Qualifications with Class/Grade	ME – (Machine Design) Distinction	PhD Pursuing	
	Total Experience in Years	Teaching : 04	Industry : 02	Research : -
	Papers Published	National :	International : 01	
	Papers Presented in Conferences	National :	International : 01	
	PhD Guide? Give field & University	Field ----	University ----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	----		
	Consultancy Activities	HAFA HOIST PVT LTD, EOT Crane Design Verification and Validation		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		




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1	Name of Teaching Staff	Mr. A. S. Shinde		
2	Designation	Assistant Professor		
3	Department	Mechanical		
4	Date of Joining the Institution	28/07/2014		
5	Qualifications with Class/Grade	B.E (Mech.) 1st Class	M.E (Mech.) Ist class	----
6	Total Experience in Years	Teaching : 5	Industry : 0	Research : ----
7	Papers Published	National : 0		International : 1
8	Papers Presented in Conferences	National : 0		International : 1
9	PhD Guide? Give field & University	Field ----	University ----	
10	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
11	Books Published / IPRs/ Patents	----		
12	Professional Memberships	LM ISTE		
13	Consultancy Activities	----		
14	Awards	----		
15	Grants fetched	----		
16	Interaction with Professional Institutions	----		




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Name of Teaching Staff	Umair Mukhtar Ahmad Momin		
Designation	Asst. Professor		
Department	Mechanical Engineering		
Date of Joining the Institution	5 th July 2017		
Qualifications with Class/Grade	M.E. Thermal Engineering (6.72 CPI)	B.E. Mechanical Engineering (First Class)	Pursuing PhD
Total Experience in Years	Teaching :7	Industry: 1 year	Research :
Papers Published	National :	International :	
Papers Presented in Conferences	National :	International :	
PhD Guide? Give field & University	Field ----	University ----	
PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
Books Published / IPRs/ Patents	----		
Professional Memberships	ISTE		
Consultancy Activities	----		
Awards	----		
Grants fetched	----		
Interaction with Professional Institutions	----		




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Name of Teaching Staff	MUDALIAR JACKSON ANTHONY		
Designation	ASSISTANT PROFESSOR		
Department	MECHANICAL		
Date of Joining the Institution	3/7/2017		
Qualifications with Class/Grade	M.E (9.57)		
Total Experience in Years	Teaching : 4.5	Industry : 6 MONTHS	Research :
Papers Published	National :	International :	
Papers Presented in Conferences	National : 1	International :	
PhD Guide? Give field & University	Field ----	University -----	
PhDs / Projects Guided	PhDs ----	Projects at Masters level -----	
Books Published / IPRs/ Patents	----		
Professional Memberships	----		
Consultancy Activities	----		
Awards	----		
Grants fetched	----		
Interaction with Professional Institutions	----		




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Name of Teaching Staff	Mr. NIKHIL DEEPAK DESAI			
Designation	Assistant Professor			
Department	Mechanical Engineering			
Date of Joining the Institution	23/07/18			
Qualifications with Class/Grade	ME (CAD/CAM & ROBOTICS)	8.67 (CGPA)	Distinction	
	B.E.	67.68	First Class	
Total Experience in Years	Teaching : 04	Industry : 01	Research :	
Papers Published	National :		International : 01	
Papers Presented in Conferences	National :		International : 01	
PhD Guide? Give field & University	Field : ----	University : -----		
PhDs / Projects Guided	PhDs : -----	Projects at Masters level		
Books Published / IPRs/ Patents	-----			
Professional Memberships	SAEINDIA, ISHREA			
Consultancy Activities	-----			
Awards				
Grants fetched	-----			
Interaction with Professional Institutions	-----			




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	Name of Teaching Staff	RAHUL KUMAR SINGH		
	Designation	Assistant Professor		
	Department	Mechanical Engineering		
	Date of Joining the Institution	26/06/2018		
	Qualifications with Class/Grade	M.Tech 8.36 CGPA		
	Total Experience in Years	Teaching :2 YRS	Industry :	Research :
	Papers Published	National : -	International : -	
	Papers Presented in Conferences	National : -	International : -	
	PhD Guide? Give field & University	Field NA	University NA	
	PhDs / Projects Guided	NA	NA	
	Books Published / IPRs/ Patents	NA		
	Professional Memberships	ISTE		
	Consultancy Activities	NA		
	Awards	NA		
	Grants fetched	NA		
	Interaction with Professional Institutions	NA		




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	Name of Teaching Staff	AMIT JAYWANT DALVI		
	Designation	ASSISTANT PROFESSOR		
	Department	MECHANICAL ENGINEERING		
	Date of Joining the Institution	01/07/2019		
	Qualifications with Class/Grade	M. TECH.	DISTINCTION	
	Total Experience in Years	Teaching : 03	Industry : 03	Research : 0
	Papers Published	National : 0		International : 1
	Papers Presented in Conferences	National : 0		International : 1
	PhD Guide? Give field & University	----		University ----
	PhDs / Projects Guided	PhDs ----		
	Books Published / IPRs/ Patents	----		
	Professional Memberships	IAENG (International Association of Engineers)		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		



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Name of Teaching Staff	PANKAJ KRISHNATH JADHAV		
Designation	ASSISTANT PROFESSOR		
Department	MECHANICAL		
Date of Joining the Institution	17/06/2019		
Qualifications with Class/Grade	M.E.	FIRST	
Total Experience in Years	Teaching : 8	Industry : NIL	Research : 2
Papers Published	National : 1	International : 2	
Papers Presented in Conferences	National : 1	International : 3	
PhD Guide? Give field & University	Field --NIL--	University ----	
PhDs / Projects Guided	PhDs --NA--	Projects at Masters level -NIL---	
Books Published / IPRs/ Patents	-NIL---		
Professional Memberships	---LIFE TIME MEMBERSHIP OF ISR D		
Consultancy Activities	-NIL---		
Awards	--EXCELLENCE AWARD FROM IITB--		
Grants fetched	--NIL--		
Interaction with Professional Institutions	-NIL---		




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	Name of Teaching Staff	Jaya Goyal		
	Designation	Assistant Professor		
	Department	Mechanical		
	Date of Joining the Institution	17/06/2019		
	Qualifications with Class/Grade	M.Tech	First 9.45 (CGPA)	PhD Pursuing
	Total Experience in Years	Teaching : 2	Industry : 2	Research : 3
	Papers Published	National :		International : 3
	Papers Presented in Conferences	National :		International : 3
	PhD Guide? Give field & University	Field ----	University ----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	----		
	Consultancy Activities	----		
	Awards	Best Paper Awards (2) Young Researcher Award		
	Grants fetched	----		
	Interaction with Professional Institutions	----		




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	Name of Teaching Staff	Prof.Kedar Prakash Yeole		
	Designation	Asisstant Professor		
	Department	Mechanical		
	Date of Joining the Institution	17/06/2019		
	Qualifications with Class/Grade	M.Tech	9.13	
	Total Experience in Years	Teaching : 03	Industry : 00	Research : 00
	Papers Published	National : 00	International : 02	
	Papers Presented in Conferences	National : 00	International : 01	
	PhD Guide? Give field & University	Field ----	University ----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	ISTE		
	Consultancy Activities	----		
	Awards	Gold medal for excellent academics in Mtech VNIT, Nagpur		
	Grants fetched			
	Interaction with Professional Institutions	----		




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Name of Teaching Staff	SUSHRUT MADHAV PATANKAR		
Designation	ASSISTANT PROFESSOR		
Department	MECHANICAL ENGINEERING		
Date of Joining the Institution	01 st AUGUST 2019		
Qualifications with Class/Grade	M.E.	FIRST	
Total Experience in Years	Teaching : 00	Industry : 5	Research : 00
Papers Published	National : NIL	International : 02	
Papers Presented in Conferences	National : NIL	International : 01	
PhD Guide? Give field & University	Field NA	University NA	
PhDs / Projects Guided	PhDs NIL	Projects at Masters level NIL	
Books Published / IPRs/ Patents	NIL		
Professional Memberships	SAE India		
Consultancy Activities	NIL		
Awards	NIL		
Grants fetched	NIL		
Interaction with Professional Institutions	Attending Seminar and Workshops		




Department: Computer Engineering

1	Name of Teaching Staff	Mr. S. H. Malave		
2	Designation	Assistant Professor		
3	Department	Computer		
4	Date of Joining the Institution	21/07/2014		
5	Qualifications with Class/Grade	B.E.(CE) First Division	M.Tech (CSE) Distinction	
6	Total Experience in Years	Teaching: 17yrs	Industry: 00	Research : ----
7	Papers Published	National : 1	International : 3	
8	Papers Presented in Conferences	National : 3	International : 6	
9	PhD Guide? Give field & University	Field ----	University ----	
10	PhDs / Projects Guided	PhDs ----	Projects at Masters level: 03	
11	Books Published / IPRs/ Patents	----		
12	Professional Memberships	LMISTE		
13	Consultancy Activities	----		
14	Awards			
15	Grants fetched	----		
16	Interaction with Professional Institutions	----		




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	Name of Teaching Staff	Dr. Rahul k Ambekar		
	Designation	Assistant Professor		
	Department	Information Technology		
	Date of Joining the Institution	01/07/2015		
	Qualifications with Class/Grade	M E (Comp) First class	PhD Computer engineering	
	Total Experience in Years	Teaching : 15	Industry : -	Research : -
	Papers Published	National :	International : 12	
	Papers Presented in Conferences	National : 2	International : 6	
	PhD Guide? Give field & University	Field	University	
	PhDs / Projects Guided	PhDs	Projects at Masters level	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	----		
	Consultancy Activities	_____		
	Awards	_____		
	Grants fetched	_____		
	Interaction with Professional Institutions	----		




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Name of Teaching Staff	Sukhada S. Aloni		
Designation	Assistant Professor		
Department	Computer Engineering		
Date of Joining the Institution	1st July 2015		
Qualifications with Class/Grade	B.TECH in I.T. with First Class	M. E. in Computer Engineering with First Class	
Total Experience in Years	Teaching :12	Industry : -	Research : -
Papers Published	National : 2		International : 2
Papers Presented in Conferences	National : 2		International : 2
PhD Guide? Give field & University	Field ----		University ----
PhDs / Projects Guided	PhDs ----		Projects at Masters level ----
Books Published / IPRs/ Patents	----		
Professional Memberships	ISTE Life Membership		
Consultancy Activities	----		
Awards	----		
Grants fetched	----		
Interaction with Professional Institutions	----		




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	Name of Teaching Staff	Dr. PRAVIN P. ADIVAREKAR		
	Designation	ASSISTANT PROFESSOR		
	Department	COMPUTER ENGINEERING		
	Date of Joining the Institution	08/07/2016		
	Qualifications with Class/Grade	M.E.COMPUTER(FIRST CLASS)	PhD Computer engineering	
	Total Experience in Years	Teaching : 11	Industry : -	Research : -
	Papers Published	National :	International : 5	
	Papers Presented in Conferences	National : -	International :	
	PhD Guide? Give field & University	Field ----	University -----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level -----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	ISTE		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		




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	Name of Teaching Staff	Brinal Michael Colaco		
	Designation	Asst. Professor		
	Department	Computer Engineering		
	Date of Joining the Institution	1/7/15		
	Qualifications with Class/Grade	M.E.	Distinction	
	Total Experience in Years	Teaching : 5	Industry : 1	Research : -
	Papers Published	National :	International :	
	Papers Presented in Conferences	National :	International : 1	
	PhD Guide? Give field & University	Field ----	University ----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	----		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		




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Name of Teaching Staff	Archana Kotangale		
Designation	Assistant Professor		
Department	Computer Engineering		
Date of Joining the Institution	1 July 2015		
Qualifications with Class/Grade	M.Tech	First Class	
Total Experience in Years	Teaching : 6 years	Industry :	Research :
Papers Published	National : Nil		International : Nil
Papers Presented in Conferences	National : Nil		International : Nil
PhD Guide? Give field & University	Field ----	University ----	
PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
Books Published / IPRs/ Patents	----		
Professional Memberships	Lifetime membership of IETE		
Consultancy Activities	----		
Awards	----		
Grants fetched	----		
Interaction with Professional Institutions	----		




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Name of Teaching Staff	Amol Kalugade		
Designation	Assistant Professor		
Department	Computer		
Date of Joining the Institution	01/07/16		
Qualifications with Class/Grade	M.Tech(Comp)/A+	B.E(Comp)/First Class	
Total Experience in Years	Teaching : 9 years	Industry : Nil	Research : Nil
Papers Published	National : Nil		International : 1
Papers Presented in Conferences	National : Nil		International : Nil
PhD Guide? Give field & University	Field ----	University	
PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
Books Published / IPRs/ Patents	02 Books Published (Nirali Publication) – Operating System Administration & Operating System Design		
Professional Memberships	----		
Consultancy Activities	----		
Awards	----		
Grants fetched	----		
Interaction with Professional Institutions	----		




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Name of Teaching Staff	Mayuri A. Jain			
Designation	Assistant Professor			
Department	Computer Engineering			
Date of Joining the Institution	1st July 2016			
Qualifications with Class/Grade	B. E. in Computer Engineering with First Class	M. E. in Computer Engineering First Class with Distinction		
Total Experience in Years	Teaching :2.5	Industry : 0.6	Research :	
Papers Published	National : 2		International :	
Papers Presented in Conferences	National :		International :	
PhD Guide? Give field & University	Field ----		University ----	
PhDs / Projects Guided	PhDs ----		Projects at Masters level ----	
Books Published / IPRs/ Patents	----			
Professional Memberships	----			
Consultancy Activities	----			
Awards	----			
Grants fetched	----			




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Interaction with Professional Institutions	----
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Name of Teaching Staff	Mr. Sachin B. Takmare			
Designation	Assistant Professor			
Department	Computer Engineering			
Date of Joining the Institution	04-10-2017			
Qualifications with Class/Grade	M.Tech CSE	First Class	70.00%	
Total Experience in Years	Teaching : 15	Industry : 00	Research : 00	
Papers Published	National : 14		International : 10	
Papers Presented in Conferences	National : 04		International : 00	
PhD Guide? Give field & University	NA	NA		
PhDs / Projects Guided	NA	NA		
Books Published / IPRs/ Patents	NA			
Professional Memberships	ISTE			
Consultancy Activities	NA			
Awards	NA			
Grants fetched	NA			
Interaction with Professional Institutions	NA			




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	Name of Teaching Staff	RAMYA RB		
	Designation	ASSISTANT PROFESSOR		
	Department	COMPUTER ENGINEERING		
	Date of Joining the Institution	10.07.2017		
	Qualifications with Class/Grade	ME CSE/First	B.Tech CSE/First	
	Total Experience in Years	Teaching :6	Industry : NIL	Research : NIL
	Papers Published	National : NIL		International : 1
	Papers Presented in Conferences	National : 1		International : 1
	PhD Guide? Give field & University	Field NIL	University NIL	
	PhDs / Projects Guided	PhDs NIL	Projects at Masters level NIL	
	Books Published / IPRs/ Patents	NIL		
	Professional Memberships	ISTE,IEEE		
	Consultancy Activities	NIL		
	Awards	NIL		
	Grants fetched	NIL		
	Interaction with Professional Institutions	NIL		



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	Name of Teaching Staff	SOFIYA SARDAR MUJAWAR		
	Designation	ASSISTANT PROFESSOR		
	Department	COMPUTER ENGINEERING		
	Date of Joining the Institution	07-07-2017		
	Qualifications with Class/Grade	ME CSE/First	B.E: IT/First	
	Total Experience in Years	Teaching :6	Industry : NIL	Research : NIL
	Papers Published	National : 1		International : 4
	Papers Presented in Conferences	National :2		International :
	PhD Guide? Give field & University	Field NIL	University NIL	
	PhDs / Projects Guided	PhDs NIL	Projects at Masters level NIL	
	Books Published / IPRs/ Patents	NIL		
	Professional Memberships	ISTE,IEEE		
	Consultancy Activities	NIL		
	Awards	NIL		
	Grants fetched	NIL		
	Interaction with Professional Institutions	NIL		



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	Name of Teaching Staff	Jaya Gupta		
	Designation	Assistant Professor		
	Department	Computer Engineering		
	Date of Joining the Institution	26/12/2018		
	Qualifications with Class/Grade	B.Tech (First Class)	M.Tech (First Class)	PhD Pursuing
	Total Experience in Years	Teaching : 5	Industry : 10 months	Research : -
	Papers Published	National :		International : 4
	Papers Presented in Conferences	National :		International :
	PhD Guide? Give field & University	Field ----		University Amity University ,Jaipur
	PhDs / Projects Guided	PhDs ----		Projects at Masters level ----
	Books Published / IPRs/ Patents	----		
	Professional Memberships	----		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		




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Name of Teaching Staff	Merlin Priya Jacob		
Designation	Assistant Professor		
Department	Computer Engineering		
Date of Joining the Institution	9 th January 2018		
Qualifications with Class/Grade	ME(IT)	1 st Class	7.5 CGPA
Total Experience in Years	Teaching : 10	Industry :	Research :
Papers Published	National :	International : 2	
Papers Presented in Conferences	National :	International : 1	
PhD Guide? Give field & University	Field ----	University ----	
PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
Books Published / IPRs/ Patents	----		
Professional Memberships	----		
Consultancy Activities	----		
Awards	----		
Grants fetched	----		
Interaction with Professional Institutions	----		




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Name of Teaching Staff	Krupi Pranav Saraf			
Designation	ASSISTANT PROFESSOR			
Department	COMPUTER ENGINEERING			
Date of Joining the Institution	01/07/2019			
Qualifications with Class/Grade	ME	First Class		
Total Experience in Years	Teaching : 8	Industry : 0	Research : 0	
Papers Published	National : 1		International : 2	
Papers Presented in Conferences	National : 1		International : 1	
PhD Guide? Give field & University	----		University ----	
PhDs / Projects Guided	PhDs ----		Projects at Masters level ----	
Books Published / IPRs/ Patents	----			
Professional Memberships	----			
Consultancy Activities	----			
Awards	----			
Grants fetched	----			
Interaction with Professional Institutions	----			



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	Name of Teaching Staff	Shafaque Fatma Syed		
	Designation	Assistant Professor		
	Department	Computer Engineering		
	Date of Joining the Institution	02-02-2021		
	Qualifications with Class/Grade	M.E. Computer Engineering	8.3 CGPA / First Class with Distinction	
	Total Experience in Years	Teaching : 7	Industry : 0	Research : 0
	Papers Published	National : 0		International : 11
	Papers Presented in Conferences	National : 0		International : 3
	Approved PhD Guide? Give field & University	Field : ----	University : ----	
	PhDs / Projects Guided	PhDs : ----	Projects at Masters level : ----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	LIFETIME MEMBER OF INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE) (M. No. 121845)		
	Consultancy Activities	----		
	Awards	Best Paper Award and Young Researcher Award for the Co-authored Paper “ Enhancing Deep Fingerprinting Attack On Tor Network Using Lottery Ticket Hypothesis ” in IEEE & IAS Technically Co-Sponsored 4th Biennial International Conference on Nascent Technologies in Engineering Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, India January 15-16, 2021		




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	Grants fetched	Received Minor Research Grant of Rs. 40,000 from the University of Mumbai for Research Project “ Chili Plant Disease Detection using Thermal Imaging Techniques ” in Academic Year 2017-18
	Interaction with Professional Institutions	----





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	Name of Teaching Staff	Bharti Khemani		
	Designation	Assistant Professor		
	Department	computers		
	Date of Joining the Institution	02/02/2021		
	Qualifications with Class/Grade	M.E, MMS	Distinction	
	Total Experience in Years	Teaching : 10	Industry : NIL	Research : NIL
	Papers Published	National : NIL	International : 8	
	Papers Presented in Conferences	National : NIL	International : 4	
	Approved PhD Guide? Give field & University	Field ----	University ----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	----		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		



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Department: Information Technology

1	Name of Teaching Staff	Mr. Kiran B Deshpande		
2	Designation	Assistant Professor		
3	Department	Information Technology		
4	Date of Joining the Institution	21/07/2014		
5	Qualifications with Class/Grade	B.TECH (COMUTER) DISTINCTION	M.TECH (COMPTUER) DISTINCTION	Pursuing PhD
6	Total Experience in Years	Teaching : 14	Industry : 0	Research : ----
7	Papers Published	National : 04	International : 05	
8	Papers Presented in Conferences	National : 04	International : 05	
9	PhD Guide? Give field & University	Field : ----	University : ----	
10	PhDs / Projects Guided	PhDs : ----	Projects at Masters level : 02	
11	Books Published / IPRs/ Patents	----		
12	Professional Memberships	LMISTE,		
13	Consultancy Activities	----		
14	Awards	----		
15	Grants fetched	----		
16	Interaction with Professional Institutions	----		




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	Name of Teaching Staff	Ganesh D Gourshete		
	Designation	Assistant Professor		
	Department	Information Technology		
	Date of Joining the Institution	01/07/2016		
	Qualifications with Class/Grade	M.E(I.T) -63.78	B.E(C.S.E) - 65.93	H.S.C-64.17
	Total Experience in Years	Teaching : 16	Industry :	Research :
	Papers Published	National : 4		International : 4
	Papers Presented in Conferences	National :		International : 2
	PhD Guide? Give field & University	Field ----		University ----
	PhDs / Projects Guided	PhDs ----		Projects at Masters level
	Books Published / IPRs/ Patents	---		
	Professional Memberships	ISTE		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		




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Name of Teaching Staff	Prof. Apeksha Tushar Mohite		
Designation	Assistant Prof.		
Department	Information Technology		
Date of Joining the Institution	01/07/2016		
Qualifications with Class/Grade	B.E (Computer Sci. &Engg)/ I	M.E (computer Sci. &Engg)/ 8.26 pointer	
Total Experience in Years	Teaching : 7yr.	Industry : 3 yr	Research :
Papers Published	National :	International : 02	
Papers Presented in Conferences	National :	International : 02	
PhD Guide? Give field & University	Field	University	
PhDs / Projects Guided	PhDs	Projects at Masters level	
Books Published / IPRs/ Patents	----		
Professional Memberships	----		
Consultancy Activities			
Awards			
Grants fetched			
Interaction with Professional Institutions	----		




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Name of Teaching Staff	Vishal Badgajar		
Designation	Assistant Professor		
Department	Information Technology		
Date of Joining the Institution	1st July 2015		
Qualifications with Class/Grade	M. E.	First class with distinction	
Total Experience in Years	Teaching:4	Industry :	Research :
Papers Published	National :	International : 02	
Papers Presented in Conferences	National :	International : 01	
PhD Guide? Give field & University	Field ----	University ----	
PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
Books Published / IPRs/ Patents	1		
Professional Memberships	IAENG Membership		
Consultancy Activities	----		
Awards	GATE Fellowship, ISTQB Certified		
Grants fetched	----		
Interaction with Professional Institutions	----		




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	Name of Teaching Staff	Neha Deshmukh		
	Designation	Assistant Professor		
	Department	Information Technology		
	Date of Joining the Institution	1st July 2015		
	Qualifications with Class/Grade	M. E.	First class with distinction	
	Total Experience in Years	Teaching :4	Industry :	Research :
	Papers Published	National : 1		International :
	Papers Presented in Conferences	National :		International :
	PhD Guide? Give field & University	Field NA		University NA
	PhDs / Projects Guided	PhDs NA		Projects at Masters level NA
	Books Published / IPRs/ Patents	NA		
	Professional Memberships	NA		
	Consultancy Activities	NA		
	Awards	NA		
	Grants fetched	NA		
	Interaction with Professional Institutions	NA		




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	Name of Teaching Staff	Mrs. Anagha N. Aher		
	Designation	Assistant Professor		
	Department	Information Technology		
	Date of Joining the Institution	01/07/2016		
	Qualifications with Class/Grade	M.E. Computer	First class with Distinction	
	Total Experience in Years	Teaching : 6	Industry :	Research :
	Papers Published	National : 1	International : 2	
	Papers Presented in Conferences	National : 1	International : 1	
	PhD Guide? Give field & University	Field ----	University -----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level -----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	-----		
	Consultancy Activities	-----		
	Awards	-----		
	Grants fetched	-----		
	Interaction with Professional Institutions	-----		



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Name of Teaching Staff	Ms. RUJATA H. CHAUDHARI		
Designation	Assistant Professor		
Department	Information Technology		
Date of Joining the Institution	07/07/2017		
Qualifications with Class/Grade	M.E. First class with Distinction	B.E. First Class	
Total Experience in Years	Teaching : 07 yrs	Industry : -	Research : -
Papers Published	National : 01	International : 06	
Papers Presented in Conferences	National : 01	International : 03	
PhD Guide? Give field & University	Field ----	University ----	
PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
Books Published / IPRs/ Patents	----		
Professional Memberships	----		
Consultancy Activities	----		
Awards	----		
Grants fetched	----		
Interaction with Professional Institutions	----		




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Name of Teaching Staff	Sonal Jain		
Designation	Assistant Professor		
Department	Information Technology		
Date of Joining the Institution	10/07/2017		
Qualifications with Class/Grade	M.Tech	8.93	
Total Experience in Years	Teaching : 2.5	Industry :	Research :
Papers Published	National :	International :	
Papers Presented in Conferences	National :	International : 05	
PhD Guide? Give field & University	Field ----	University ----	
PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
Books Published / IPRs/ Patents	----		
Professional Memberships	----		
Consultancy Activities	Key member of marine project during my M.Tech under Center of Excellence(CoE-CNDS) as an academic consultant for Larsen & Toubro(L&T)		
Awards	----		
Grants fetched			
Interaction with Professional Institutions	VJTI, Mumbai and IIT, Mumbai		




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Name of Teaching Staff	NAHID KAUSAR SHAIKH			
Designation	Assistant Professor			
Department	Information Technology			
Date of Joining the Institution	03/07/2017			
Qualifications with Class/Grade	M.Tech. Computer 7 CGPI			
Total Experience in Years	Teaching : 3YRS	Industry : 03 MONTH	Research : 00	
Papers Published	National : -		International : -02	
Papers Presented in Conferences	National : -		International : -02	
PhD Guide? Give field & University	Field NA	University NA		
PhDs / Projects Guided	NA	NA		
Books Published / IPRs/ Patents	NA			
Professional Memberships	ISTE, IAENG			
Consultancy Activities	NA			
Awards	GATE Fellowship			
Grants fetched	NA			
Interaction with Professional Institutions	NA			




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Name of Teaching Staff	Geetanjali Rohan Kalme		
Designation	Assistant Professor		
Department	Information Technology		
Date of Joining the Institution	03/07/2017		
Qualifications with Class/Grade	Diploma in Industrial Electronics 69%	BE(IT) 68%	ME(Computer)8.58 (CGPI)
Total Experience in Years	Teaching : 5	Industry :	Research :
Papers Published	National :	International : 2	
Papers Presented in Conferences	National :	International : 2	
PhD Guide? Give field & University	Field : ----	University : ----	
PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
Books Published / IPRs/ Patents	----		
Professional Memberships	----		
Consultancy Activities	----		
Awards	----		
Grants fetched	----		
Interaction with Professional Institutions	----		




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	Name of Teaching Staff	Sonal Ashok Balpande		
	Designation	Assistant Professor		
	Department	Information Technology		
	Date of Joining the Institution	2 February 2021		
	Qualifications with Class/Grade	B.E.(Comp) First Class	M.E.(Comp) First Class with distinction	
	Total Experience in Years	Teaching : 10	Industry :	Research :
	Papers Published	National : 1	International : 10	
	Papers Presented in Conferences	National :	International :	
	Approved PhD Guide? Give field & University	Field ----	University -----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level -----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	----ISTE		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		




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Department: Civil Engineering

	Name of Teaching Staff	UPENDRA WAMANRAO MATE		
	Designation	Assistant Professor		
	Department	Civil Engineering		
	Date of Joining the Institution	01/03/2018		
	Qualifications with Class/Grade	M.E, First Class		Pursuing PhD
	Total Experience in Years	Teaching : 29YRS	Industry : 01YR	Research :
	Papers Published	National : -NIL		International : -NIL
	Papers Presented in Conferences	National : -NIL		International : -01
	PhD Guide? Give field & University	Field NA	University NA	
	PhDs / Projects Guided	NA		NA
	Books Published / IPRs/ Patents	01		
	Professional Memberships	MISTE, MIE, MIIBE, MISH, IWWA		
	Consultancy Activities	NA		
	Awards	NA		
	Grants fetched	NA		
	Interaction with Professional Institutions	NA		




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Name of Teaching Staff	Dr. MADHURI RAHUL MULAY			
Designation	ASSOCIATE PROFESSOR			
Department	CIVIL ENGINEERING			
Date of Joining the Institution	17th January 2018			
Qualifications with Class/Grade	Ph.D	-		
Total Experience in Years	Teaching: 2	Industry: 23	Research: 0	
Papers Published	National: 05		International: 1 Published & 1 submitted	
Papers Presented in Conferences	National: 06		International: 04	
PhD Guide? Give field & University	Field NA		University NA	
PhDs / Projects Guided	PhDs NIL		Projects at Masters level NIL	
Books Published / IPRs/ Patents	<p>(a) Wrote one Chapter of “Pressure management” in the book titled “<i>Water Loss management</i>”, published by Bentley Systems, US in the year 2010</p> <p>(b) 1 Patent Published</p>			
Professional Memberships	IWWA, Institution of Engineers			
Consultancy Activities	NIL			
Awards	<ol style="list-style-type: none"> 1. Best Lecture Award :of IWWA in 2006 2. Brijnandan Sharma Award: of IWWA in Feb 2007. 3. Paryawaran Mitra Award: by Thane Janata Sahakari Bank, Thane in 2009. 4. BE Inspired Award: International award of Bentley Systems in 2009 at Charlotte, USA. 5. Vyankatesh Dahasahasra Award: of IWWA in 2010. 6. Best Oral Presentation Award in National Conference on 23rd January 2019. 			
Grants fetched	NIL			
Interaction with Professional Institutions	Attending Seminar and Workshops, presenting papers, discussions about the projects of societal benefit.			




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Name of Teaching Staff	Pooja Srikant Rao		
Designation	Assistant Professor		
Department	Civil Engineering		
Date of Joining the Institution	1st July 2016		
Qualifications with Class/Grade	PhD (Pursuing)	M.E. (FIRST)	B.E. (FIRST)
Total Experience in Years	Teaching : 17 years	Industry : 0.5 years	Research : 04years
Papers Published	National : 02	International : 01	
Papers Presented in Conferences	National : 06	International : 01	
PhD Guide? Give field & University	Field ----	University ----	
PhDs / Projects Guided	PhDs ----	Projects at Masters level 04	
Books Published / IPRs/ Patents	----		
Professional Memberships	ISTE & IGS		
Consultancy Activities	----		
Awards	----		
Grants fetched	----		
Interaction with Professional Institutions	Coordinator of ISTE approved STTP conducted during 28th November to 2nd December 2011		




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Name of Teaching Staff	Pravinkumar S.Jagtap		
Designation	Assistant Professor		
Department	Civil Engineering		
Date of Joining the Institution	01/07/2015		
Qualifications with Class/Grade	B.E.Civil, I-Class	M.E.Civil (Const.Management) 8.94 CPI	PhD (Pursuing)
Total Experience in Years	Teaching : 18	Industry : 02	Research : 00
Papers Published	National : 00	International : 01	
Papers Presented in Conferences	National : 03	International : 02	
PhD Guide? Give field & University	----	----	
PhDs / Projects Guided	----	----	
Books Published / IPRs/ Patents	----		
Professional Membership	Life time Member of Institution of Engineering & Technology (IET) Membership No.70542622		
Consultancy Activities			
Awards	Selected for " Shiksha Rattna Puskar-2014 ", honored by the prestigious India International Friendship Society (IIFS) New Delhi on 24th Nov.2014.		
Grants fetched	----		
Interaction with Professional Institutions			




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Name of Teaching Staff	Mrs. Raksha S. Khandare		
Designation	Assistant Professor		
Department	Civil Engineering		
Date of Joining the Institution	1 July 2015		
Qualifications with Class/Grade	B.E (Civil) /First Class	M.E (First Class with Distinction)	Ph.D Pursuing From Mumbai University (Structural Engineering)
Total Experience in Years	Teaching : 11 Years	Industry : Nil	Research : Nil
Papers Published	National : 01	International : 02	
Papers Presented in Conferences	National : 02	International : 04	
PhD Guide? Give field & University	Field ----	University ----	
PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
Books Published / IPRs/ Patents	----		
Professional Memberships	ISTE membership		
Consultancy Activities	----		
Awards	----		
Grants fetched	----		
Interaction with Professional Institutions	----		



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	Name of Teaching Staff	Prof. Pallavi A. Patil		
	Designation	Asst. Professor		
	Department	Civil Engineering		
	Date of Joining the Institution	01/08/2016		
	Qualifications with Class/Grade	BE CIVIL (Distinction)	M-TECH (First Class)	
	Total Experience in Years	Teaching : 5 Yr	Industry : 0	Research : 0
	Papers Published	National : 1		International : 1
	Papers Presented in Conferences	National : nil		International : nil
	PhD Guide? Give field & University	Field ----nil		Nil
	PhDs / Projects Guided	PhDs ---- nil		Projects at Masters level ----nil
	Books Published / IPRs/ Patents	--- -nil		
	Professional Memberships	---- nil		
	Consultancy Activities	---- nil		
	Awards	---- nil		
	Grants fetched	---- nil		
	Interaction with Professional Institutions	----nil		



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	Name of Teaching Staff	Ms.Priyanka Anil Jadhav		
	Designation	Assistant Professor		
	Department	Civil Department		
	Date of Joining the Institution	3/7/2017		
	Qualifications with Class/Grade	ME (CM) First Class with Distinction	BE Civil Engg-1 st Class with Distinction	
	Total Experience in Years	Teaching : 5	Industry : 0	Research : 0
	Papers Published	National : 0	International : 4	
	Papers Presented in Conferences	National : 0	International : 0	
	PhD Guide? Give field & University	Field ----	University -----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level -----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	----		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		



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	Name of Teaching Staff	Ms. Komal B. Gujarati		
	Designation	Assistant professor		
	Department	CIVIL Engineering Department		
	Date of Joining the Institution	July1, 2016 to May 31,2017 January 1, 2018		
	Qualifications with Class/Grade	M.E (WRM) (CPI of 8.16)	B.E (CIVIL) (CGPA of 7.54)	
	Total Experience in Years	Teaching : 6	Industry : 00	Research : 00
	Papers Published	National : 01		International : 01
	Papers Presented in Conferences	National :		International : 01
	PhD Guide? Give field & University	Field ----		University ----
	PhDs / Projects Guided	PhDs ----		Projects at Masters level ----
	Books Published / IPRs/ Patents	----		
	Professional Memberships	----		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		




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	Name of Teaching Staff	Nithya K		
	Designation	Assistant Professor		
	Department	Civil Engineering		
	Date of Joining the Institution	03/07/2017		
	Qualifications with Class/Grade	M. Tech Geotechnical Engineering	First class with Distinction	
	Total Experience in Years	Teaching : 5	Industry :	Research :
	Papers Published	National : 1	International : ---	
	Papers Presented in Conferences	National : 1	International : 1	
	PhD Guide? Give field & University	Field ----	University -----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level -----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	-----		
	Consultancy Activities	-----		
	Awards	-----		
	Grants fetched	-----		
	Interaction with Professional Institutions	-----		



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Name of Teaching Staff	Mrs. Vrushali Kushal Suryawanshi		
Designation	Assistant professor		
Department	Civil engineering		
Date of Joining the Institution	04/07/2017		
Qualifications with Class/Grade	M.E (Structure)	distinction	8.34 CGPA
Total Experience in Years	Teaching : 04	Industry :	Research :
Papers Published	National : 01	International :	
Papers Presented in Conferences	National : 01	International :	
PhD Guide? Give field & University	Field ----	University ----	
PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
Books Published / IPRs/ Patents	----		
Professional Memberships	----		
Consultancy Activities	----		
Awards	----		
Grants fetched	----		
Interaction with Professional Institutions	----		



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	Name of Teaching Staff	Mrs.Mrunal Prashant Joshi		
	Designation	Assistant Professor		
	Department	Civil Engineering		
	Date of Joining the Institution	03/07/2017		
	Qualifications with Class/Grade	M.E (Civil)	First class with Distinction	
	Total Experience in Years	Teaching : 15	Industry : 3.5	Research : -
	Papers Published	National : -		International : 01
	Papers Presented in Conferences	National : 05		International : 03
	PhD Guide? Give field & University	Field ----	University ----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	ISTE		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		




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	Name of Teaching Staff	Prof. Mugdha Agarwadkar		
	Designation	Assistant Professor		
	Department	Civil Engineering		
	Date of Joining the Institution	06/07/17		
	Qualifications with Class/Grade	Ph.D. Pursuing	M.Tech. (First Class)	B.E. (First Class with Distinction)
	Total Experience in Years	Teaching : 02	Industry : -	Research : 08
	Papers Published	National : Nil		International : 04
	Papers Presented in Conferences	National : 04		International : 05
	PhD Guide? Give field & University	Field ----	University ----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	ISTE, ISRS, REA		
	Consultancy Activities	Yes		
	Awards and Certifications	Lean Six Sigma Green Belt Certification		
	Grants fetched	----		
	Interaction with Professional Institutions	---		




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Name of Teaching Staff	VISHAL UTTAM MISAL		
Designation	Assistant Professor		
Department	Civil Engineering		
Date of Joining the Institution	06/07/2017		
Qualifications with Class/Grade	M.E 65.81 %		
Total Experience in Years	Teaching : 8YRS	Industry : 02YRS	Research : 00
Papers Published	National : -	International : -02	
Papers Presented in Conferences	National : -	International : -01	
PhD Guide? Give field & University	Field ----	University -----	
PhDs / Projects Guided	PhDs ----	Projects at Masters level -----	
Books Published / IPRs/ Patents	----		
Professional Memberships	ISTE CHARITABLE TRUST		
Consultancy Activities	----		
Awards	----		
Grants fetched	----		
Interaction with Professional Institutions	----		




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	Name of Teaching Staff	Umesh Y. Vazurkar		
	Designation	Asst. Prof.		
	Department	Civil Engineering		
	Date of Joining the Institution	03/07/17		
	Qualifications with Class/Grade	M. Tech Structures		
	Total Experience in Years	Teaching : 3 Y	Industry : ---	Research : ---
	Papers Published	National : ---	International : 01	
	Papers Presented in Conferences	National : ---	International : 01	
	PhD Guide? Give field & University	----	----	
	PhDs / Projects Guided	----	----	
	Books Published / IPRs/ Patents	----	----	
	Professional Memberships	----	----	
	Consultancy Activities	----	----	
	Awards	----	----	
	Grants fetched	----	----	
	Interaction with Professional Institutions	----	----	



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	Name of Teaching Staff	KUSHAL PRABHAKAR THOOL		
	Designation	ASSISTANT PROFESSOR		
	Department	CIVIL ENGINEERING		
	Date of Joining the Institution	01/07/19		
	Qualifications with Class/Grade	MTECH	DISTINCTION	
	Total Experience in Years	Teaching : 5	Industry : 2	Research : 0
	Papers Published	National : 1		International : 3
	Papers Presented in Conferences	National : 0		International : 0
	PhD Guide? Give field & University	----		University ----
	PhDs / Projects Guided	PhDs ----		Projects at Masters level ----
	Books Published / IPRs/ Patents	----		
	Professional Memberships	----		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		




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	Name of Teaching Staff	Mrs. Sana Ashir Mulla		
	Designation	Assistant professor		
	Department	Civil		
	Date of Joining the Institution	05/07/2019		
	Qualifications with Class/Grade	ME structures	1 st class	8.23
	Total Experience in Years	Teaching : 3	Industry : 1	Research : nil
	Papers Published	National : nil		International : 2
	Papers Presented in Conferences	National : nil		International : 1
	PhD Guide? Give field & University	Field Nil	University ----	
	PhDs / Projects Guided	PhDs Nil	Projects at Masters level Nil	
	Books Published / IPRs/ Patents	Nil		
	Professional Memberships	Life time membership of ISTE		
	Consultancy Activities	Nil		
	Awards	Nil		
	Grants fetched	Nil		
	Interaction with Professional Institutions	Nil		



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Name of Teaching Staff	SNEHLATA			
Designation	ASSISTANT PROFESSOR			
Department	CIVIL ENGINEERING			
Date of Joining the Institution	19 June , 2019			
Qualifications with Class/Grade	M.TECH	1 ST CLASS	7.613	
Total Experience in Years	Teaching : 07	Industry :	Research :	
Papers Published	National : 01		International : nil	
Papers Presented in Conferences	National : 01		International : nil	
PhD Guide? Give field & University	Field ----		University ----	
PhDs / Projects Guided	PhDs ----		Projects at Masters level 02	
Books Published / IPRs/ Patents	----			
Professional Memberships	Journal Membership, Institute of Engineers			
Consultancy Activities	----			
Awards	Gold Medalist in B.Tech			
Grants fetched	----			
Interaction with Professional Institutions	Institute of Engineers			




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Name of Teaching Staff	TANUJA PANDIT VINCHURKAR			
Designation	ASSISTANT PROFESSOR			
Department	CIVIL ENGINEERING			
Date of Joining the Institution	19/06/2019			
Qualifications with Class/Grade	MTECH	DISTINCTION		
Total Experience in Years	Teaching : 1	Industry : 0.3	Research : 0	
Papers Published	National : 0		International : 0	
Papers Presented in Conferences	National : 0		International : 0	
PhD Guide? Give field & University	----		University ----	
PhDs / Projects Guided	PhDs ----		Projects at Masters level ----	
Books Published / IPRs/ Patents	----			
Professional Memberships	----			
Consultancy Activities	----			
Awards	----			
Grants fetched	----			
Interaction with Professional Institutions	----			




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Name of Teaching Staff	KIRAN BABANAPPA THOMBRE			
Designation	ASSISTANT PROFESSOR			
Department	CIVIL ENGINEERING			
Date of Joining the Institution	01/07/19			
Qualifications with Class/Grade	M.E.	DISTINCTION		
Total Experience in Years	Teaching : 3.5	Industry : 3.5	Research : 0	
Papers Published	National : 01		International : 02	
Papers Presented in Conferences	National : 00		International : 03	
PhD Guide? Give field & University	----		University ----	
PhDs / Projects Guided	PhDs ----		Projects at Masters level ----	
Books Published / IPRs/ Patents	----			
Professional Memberships	----			
Consultancy Activities	COMPLITED CONSULTANCY ASSIGNMENTS OF WORTH RS. 50,000 RS.			
Awards	----			
Grants fetched	----			
Interaction with Professional Institutions	----			




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Department: Humanities and Applied Science

1	Name of Teaching Staff	Dr. S. S. Kore		
2	Designation	Assistant Professor		
3	Department	H& AS (APPLIED PHYSICS)		
4	Date of Joining the Institution	21-7-2014		
5	Qualifications with Class/Grade	BSc 1 st Class	M.Sc. (Physics) 1 st Class	PhD
6	Total Experience in Years	Teaching: 17	Industry : ----	Research :
7	Papers Published	National : ---		International : ---
8	Papers Presented in Conferences	National : ---		International : ---
9	PhD Guide? Give field & University	Field ----	University ----	
10	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
11	Books Published / IPRs/ Patents	----		
12	Professional Memberships	LMISTE		
13	Consultancy Activities	----		
14	Awards	----		
15	Grants fetched	----		
16	Interaction with Professional Institutions	----		



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Name of Teaching Staff	Dr. Suma Sreedhar			
Designation	Asst. Professor			
Department	Humanities and Applied Sciences			
Date of Joining the Institution	1/07/2016			
Qualifications with Class/Grade	Phd (ENGLISH)			
Total Experience in Years	Teaching : 18	Industry : ---	Research : ---	
Papers Published	National : 2		International : 1	
Papers Presented in Conferences	National : 2		International : 1	
PhD Guide? Give field & University	PhD YES		University JJTU	
PhDs / Projects Guided	PhDs 02		Projects at Masters level ----	
Books Published / IPRs/ Patents	----			
Professional Memberships	----			
Consultancy Activities	----			
Awards	----			
Grants fetched	----			
Interaction with Professional Institutions	----			




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	Name of Teaching Staff	Anushri Tambe		
	Designation	Assistant Professor		
	Department	Humanities and Applied Sciences		
	Date of Joining the Institution	11/07/2016		
	Qualifications with Class/Grade	M.Sc.- I	NET	
	Total Experience in Years	Teaching : 13yrs	Industry :	Research :
	Papers Published	National :	International : 6	
	Papers Presented in Conferences	National :	International : 1	
	PhD Guide? Give field & University	Field : ----	University : ----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	ISTE		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		




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	Name of Teaching Staff	Udaykumar Arun Nikam		
	Designation	Assistant Professor		
	Department	Humanities & Applied Sciences		
	Date of Joining the Institution	04 th January, 2016		
	Qualifications with Class/Grade	M.A. English, SET		
	Total Experience in Years	Teaching : 11 Yrs.	Industry : 00	Research : 00
	Papers Published	National: -----	International: -----	
	Papers Presented in Conferences	National : -----	International : -----	
	PhD Guide? Give field & University	Field -----	University -----	
	PhDs / Projects Guided	PhDs -----	Projects at Masters level -----	
	Books Published / IPRs/ Patents	-----		
	Professional Memberships	-----		
	Consultancy Activities	-----		
	Awards	-----		
	Grants fetched	-----		
	Interaction with Professional Institutions	-----		




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1	Name of Teaching Staff	Ms. Shweta B. Shinde.			
2	Designation	Assistant Professor			
3	Department	H.& A.S.			
4	Date of Joining the Institution	01/08/2014			
5	Qualifications with Class/Grade	B.Sc. Mathematics Distinction	M.Sc. Mathematics Distinction	Pursuing PhD	
6	Total Experience in Years	Teaching : 11	Industry : ---	Research : ----	
7	Papers Published	National : 00		International : 00	
8	Papers Presented in Conferences	National : 00		International : 00	
9	PhD Guide? Give field & University	Field ----	University ----		
10	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----		
11	Books Published / IPRs/ Patents	----			
12	Professional Memberships	ISTE			
13	Consultancy Activities	----			
14	Awards	----			
15	Grants fetched	----			
16	Interaction with Professional Institutions	----			




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1	Name of Teaching Staff	Mrs.Vijitha Rajesh Nair			
2	Designation	Assistant Professor			
3	Department	H& AS (APPLIED CHEMISTRY)			
4	Date of Joining the Institution	28-7-2014			
5	Qualifications with Class/Grade	BSc (Chemistry) 1 st Class	M.Sc. (chemistry) 1 st Class with distinction	M.Phil. (Chemistry) 1 st class	
6	Total Experience in Years	Teaching: 13	Industry : ----	Research :2	
7	Papers Published	National : 0		International : 01	
8	Papers Presented in Conferences	National : 04		International : 01	
9	PhD Guide? Give field & University	Field : ----	University : ----		
10	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----		
11	Books Published / IPRs/ Patents	----			
12	Professional Memberships	----			
13	Consultancy Activities	----			
14	Awards	----			
15	Grants fetched	----			
16	Interaction with Professional Institutions	----			



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1	Name of Teaching Staff	Mr. N. R. Chindarkar		
2	Designation	Assistant Professor		
3	Department	H & AS		
4	Date of Joining the Institution	31/07/2014		
5	Qualifications with Class/Grade	B.Sc. (Chemistry) 1st Class with Distinction	M.Sc. (Organic Chemistry) 1st Class	Qualified SET, Ph.D.(Pursuing)
6	Total Experience in Years	Teaching : 9	Industry : 1.0	Research : 7 months
7	Papers Published	National : 00		International : 04
8	Papers Presented in Conferences	National : 00		International : 01
9	PhD Guide? Give field & University	Field ----	University ----	
10	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
11	Books Published / IPRs/ Patents	----		
12	Professional Memberships	----		
13	Consultancy Activities	----		
14	Awards	----		
15	Grants fetched	----		
16	Interaction with Professional Institutions	----		




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1	Name of Teaching Staff	Ms. N. I. Shaikh		
2	Designation	Assistant Professor		
3	Department	H & AS		
4	Date of Joining the Institution	15/07/2014		
5	Qualifications with Class/Grade	B.Sc. (Maths) Distinction	M.Sc. (Maths) Distinction	Qualified SET
6	Total Experience in Years	Teaching : 9	Industry : 0.7	Research : ----
7	Papers Published	National : ----	International : ----	
8	Papers Presented in Conferences	National : ----	International : ----	
9	PhD Guide? Give field & University	Field ----	University ----	
10	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
11	Books Published / IPRs/ Patents	----		
12	Professional Memberships	----		
13	Consultancy Activities	----		
14	Awards	----		
15	Grants fetched	----		
16	Interaction with Professional Institutions	----		




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1	Name of Teaching Staff	Ms. Nancy Nimal		
2	Designation	Assitant Professor		
3	Department	Humanites and Applied Science		
4	Date of Joining the Institution	1/ 7/ 2015		
5	Qualifications with Class/Grade	M.Sc., M.Phil.,	I	Distinction
6	Total Experience in Years	Teaching : 8	Industry : -	Research : -
7	Papers Published	National : -		International : -
8	Papers Presented in Conferences	National : -		International : -
9	PhD Guide? Give field & University	Field ----		University ----
10	PhDs / Projects Guided	PhDs ----		Projects at Masters level ----
11	Books Published / IPRs/ Patents	----		
12	Professional Memberships	----		
13	Consultancy Activities	----		
14	Awards	----		
15	Grants fetched	----		
16	Interaction with Professional Institutions	----		



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	Name of Teaching Staff	Shriganesh Ramesh Yadav		
	Designation	Assistant Professor		
	Department	H & AS		
	Date of Joining the Institution	13 Sep 2016		
	Qualifications with Class/Grade	M.Sc.	First Class	A
	Total Experience in Years	Teaching : 6	Industry :	Research :
	Papers Published	National : Nil		International : Nil
	Papers Presented in Conferences	National : Nil		International : Nil
	PhD Guide? Give field & University	Field ----	University -----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level 5	
	Books Published / IPRs/ Patents	---- Nil		
	Professional Memberships	-----		
	Consultancy Activities	-----		
	Awards	-----		
	Grants fetched	-----		
	Interaction with Professional Institutions	-----		



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	Name of Teaching Staff	Puja A.Sakpal		
	Designation	Assistant Professor		
	Department	H & AS		
	Date of Joining the Institution	August 03, 2017		
	Qualifications with Class/Grade	Msc (Mathematics)	Grade A	
	Total Experience in Years	Teaching : 3year	Industry :	Research :
	Papers Published	National :	International :	
	Papers Presented in Conferences	National :	International :	
	PhD Guide? Give field & University	Field ----	University -----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level -----	
	Books Published / IPRs/ Patents	-----		
	Professional Memberships	-----		
	Consultancy Activities	-----		
	Awards	-----		
	Grants fetched	-----		
	Interaction with Professional Institutions	-----		




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	Name of Teaching Staff	GAURI JAYANTRAO PANDE		
	Designation	ASSISTANT PROFESSOR		
	Department	CIVIL ENGINEERING		
	Date of Joining the Institution	21 st JUNE 2019		
	Qualifications with Class/Grade	M.Tech	FIRST	
	Total Experience in Years	Teaching : 2.5	Industry : 0	Research : 0
	Papers Published	National : NIL		International : NIL
	Papers Presented in Conferences	National : 01		International : NIL
	PhD Guide? Give field & University	Field NA		University NA
	PhDs / Projects Guided	PhDs NIL		Projects at Masters level NIL
	Books Published / IPRs/ Patents	0		
	Professional Memberships	IWWA		
	Consultancy Activities	NIL		
	Awards	NIL		
	Grants fetched	NIL		
	Interaction with Professional Institutions	NIL		



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	Name of Teaching Staff	Dr. Nilesh A. Wadibhasme		
	Designation	Assistant Professor		
	Department	Humanities & Applied Sciences		
	Date of Joining the Institution	08/02/2021		
	Qualifications with Class/Grade	Ph.D.	First	
	Total Experience in Years	Teaching : 0	Industry : 0	Research : 3.6 years
	Papers Published	National : 0		International : 7
	Papers Presented in Conferences	National : 1		International : 3
	Approved PhD Guide? Give field & University	Field ----	University -----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level -----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	---- IEEE		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		




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	Name of Teaching Staff	Dr. Megha Arya Varshneya		
	Designation	Assistant Professor		
	Department	Humanities and Applied Science		
	Date of Joining the Institution	5 .02. 2021		
	Qualifications with Class/Grade	Ph.D(Chemistry)	I	
	Total Experience in Years	Teaching: 6	Industry: 1.5	Research: 3.5
	Papers Published	National: 1	International: 3	
	Papers Presented in Conferences	National: 2	International: 2(oral) 2 (poster)	
	Approved PhD Guide? Give field & University	Field ---- No	University ----	
	PhDs / Projects Guided	PhDs No	Projects at Masters level Guided two dissertations of post-graduation ----	
	Books Published / IPRs/ Patents	No		
	Professional Memberships	No		
	Consultancy Activities	No		
	Awards	No		
	Grants fetched	No		
	Interaction with Professional Institutions	----		



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Name of Teaching Staff	Jisha K R		
Designation	Assistant Professor		
Department	H&AS		
Date of Joining the Institution	03-02-2021		
Qualifications with Class/Grade	Post-graduation in English Language and Literature, B grade	UGC NET	Maharashtra SET
Total Experience in Years	Teaching : 3	Industry :	Research :
Papers Published	National :	International :1(“Metamorphosis of Narration: A Postmodern reading of French Lieutenant’s Woman by John Fowles” published in AJANTA ISSN-2277-5730 An International Multidisciplinary Quarterly Research Journal)	
Papers Presented in Conferences	National :	International :	
Approved PhD Guide? Give field & University	Field ----	University ----	
PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
Books Published / IPRs/ Patents	----		
Professional Memberships	----		
Consultancy Activities	----		
Awards	----		




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	Grants fetched	----
	Interaction with Professional Institutions	----






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	Name of Teaching Staff	Ashish Ashok Koli		
	Designation	Assistant professor		
	Department	H & As		
	Date of Joining the Institution	3 rd Feb 2021		
	Qualifications with Class/Grade	MSc (II class)	NET qualified	
	Total Experience in Years	Teaching : 8	Industry : 0	Research : 0
	Papers Published	National :	International : 1	
	Papers Presented in Conferences	National :	International : 2	
	Approved PhD Guide? Give field & University	Field ----	University ----	
	PhDs / Projects Guided	PhDs ----	Projects at Masters level ----	
	Books Published / IPRs/ Patents	----		
	Professional Memberships	----		
	Consultancy Activities	----		
	Awards	----		
	Grants fetched	----		
	Interaction with Professional Institutions	----		



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Name of Teaching Staff	DARSHANA K. JAIN			
Designation	COUNSELOR			
Department	HUMANITIES AND APPLIED SCIENCES			
Date of Joining the Institution	01/08/2015			
Qualifications with Class/Grade	M.A (APPLIED PSYCHOLOGY) WITH B GRADE			
Total Experience in Years	Teaching : 01	Industry : -	Research : -	
Papers Published	National :	International :		
Papers Presented in Conferences	National : -	International :		
PhD Guide? Give field & University	Field ----	University -----		
PhDs / Projects Guided	PhDs ----	Projects at Masters level -----		
Books Published / IPRs/ Patents	----			
Professional Memberships	----			
Consultancy Activities	----			
Awards	----			
Grants fetched	----			
Interaction with Professional Institutions	----			



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ANNEXURE C



GOVERNMENT OF MAHARASHTRA

STATE COMMON ENTRANCE TEST CELL, MAHARASHTRA STATE, MUMBAI

8th Floor, New Excelsior Building, A.K. Nayak Road, Fort, Mumbai-400 001.

E-Mail-maharashtra-cetcell@gmail.com

Telephone No. - 022-22016157/53

Website -www.mahacet.org

022-22016159

No. TED 1220/C.R.020/CAP/PE-Admission Notice-1/2020/1179

Date: 08/12/2020.

ADMISSION NOTICE FOR B.E./B. TECH. FOR ACADEMIC YEAR 2020-21

This notice is being issued for Online Registration, Scanning & uploading of documents, Documents E-Verification and Online Application Form Confirmation, Filling & Confirmation of Option Form, Self-confirmation before seat acceptance, Paying seat acceptance fees in online mode for confirmation of admission, reporting to Institutes by candidates aspiring for admissions to First Year of Four Year duration Full Time Engineering and Technology program (B.E./ B. Tech.) in the Government, Government Aided, University Managed Institutes, University Managed Departments and Unaided private professional educational institutes for the Academic Year 2020-21 in the Maharashtra State.

However, considering the COVID-19 outbreak and at present situation, it is essential to maintain the social distancing and avoid the crowding of parents and students for document verification. In view of this, the concept of E-Scrutiny of the documents verification is introduced by the Competent Authority. The candidate shall online fill & confirm the application form.

Process of application The Candidate shall register online, the candidate shall fill & submit online application form and upload the required documents from anywhere through the computer connected to internet and he/she need not have to visit personally for verification and confirmation of the application form. his/her application & documents shall be verified and confirmed by the designated E-Scrutiny-Center through online mode only.

Eligibility Criteria for various types of candidature for Admission:

Maharashtra State Candidates	Union Territory of Jammu and Kashmir and Union Territory of Ladakh Migrant Candidates	All India Candidates (AI)	NRI/OCI/PIO, Children of Indian workers in Gulf Countries (CIWGC), Foreign National (FN) Candidates
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Eligibility for admission

<p>(i) The candidate should be an Indian National;</p> <p>(ii) Passed HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical Vocational subjects, or Computer Science or Information Technology or Informatics Practices or Agriculture or Engineering Graphics or Business Studies and obtained at least 45 % marks (at least 40 % marks, in case of Backward class categories, Economically Weaker Section and Persons with Disability candidates belonging to Maharashtra State only) in the above subjects taken together; and The Candidate should have appeared in all the subjects in MHT-CET 2020 and should obtain non zero score in MHT-CET 2020 conducted by the Competent Authority;</p> <p style="text-align: center;">Or</p> <p>(ii) Passed Diploma in Engineering and Technology and obtained at least 45 % marks (at least 40 % marks, in case of Backward class categories Economically Weaker Section (EWS) and Persons with Disability candidates belonging to Maharashtra State only) ;</p>	<p>(i) The candidate should have passed the HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical Vocational Subject or Computer Science or Information Technology or Informatics Practices or Agriculture or Engineering Graphics or Business Studies subjects, and obtained at least 45% marks in the above subjects taken together;</p> <p>(ii) Any other criterion declared from time to time by the appropriate authority as defined under the Act.</p>
<p>(iii) Obtained non zero score in MHT-CET 2020.</p>	<p>(iii) Obtained non zero positive score in JEE(Main) Paper I or MHT-CET 2020.</p>

Online Registration for Admissions:-

- 1.1 The candidates should apply online on www.mahacet.org as per schedule.
- 1.2 Candidates who have registered for MHT-CET 2020 are not required to pay any fee for registration for admission. However other candidates who have obtained score which is valid for admission in academic year 2020-21 in JEE (Main) Paper I and have not registered for MHT-CET 2020 are required to pay fee as given below only by Credit Card/ Debit Card/ Net Banking etc. through Online mode. Fees paid is non-refundable. (No other mode of payment shall be permitted.)



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General Category Candidates from Maharashtra State, Outside Maharashtra State (OMS), Union Territory of Jammu and Kashmir and Union Territory of Ladakh Migrant candidates & children of Indian workers in Gulf countries (CIWGC).	₹ 800/-
Reserved Category Candidates of Backward Class Categories [SC, ST, VJ/DT- NT(A), NT(B), NT(C), NT(D), OBC, SBC, EWS] & Persons with Disability Candidates belonging to Maharashtra State only.	₹ 600/-
NRI/OCI/PIO/FN Candidates	₹ 5,000/-

The activities and scheduled dates for Maharashtra State/All India/ Union Territory of Jammu and Kashmir and Union Territory of Ladakh Migrant/NRI/OCI/PIO/CIWGC/FN candidates are as follows.

Sr. No.	Activity	Schedule	
		First Date	Last Date
1.	Online registration of application and uploading of required documents by the Candidate for admission on website (For Maharashtra State/All India/ Union Territory of Jammu and Kashmir and Union Territory of Ladakh Migrant candidates & NRI/OCI/PIO/CIWGC/FN candidates) <i>Note:- Candidates opting for Maharashtra plus All India Candidature as well as NRI/PIO/OCI/CIWGC, shall apply separately for each type.</i>	09-12-2020	15 th -12-2020 up to 11.59 p.m.
2.	Documents verification and confirmation of Application Form for Admission by online mode. a) By Maharashtra State/All India Candidates shall fill online application form and upload the required documents from any computer connected to internet from anywhere. Note: Candidate need not have to visit to E-Scrutiny Center for verification and confirmation of the application form. His/her application & documents shall be verified and confirmed by the E-Scrutiny Center through online mode only. During E-Scrutiny of Application Form, candidate should do:- <ul style="list-style-type: none"> • If no error is found: the status of verification & confirmation of the application form shall be available in candidates Login along with receipt cum Acknowledgement. • If error is found: the details of errors shall be intimated to candidates by reverting back his/her Application for its rectification through candidates Login. • Candidate shall edit the reverted Application form from 09-12-2020 to 15-12-2020 and re-submit the application for e-Scrutiny through his/her login. b) Union Territory of Jammu and Kashmir and Union Territory of Ladakh Migrant/NRI/PIO/OCI/CIWGC/FN candidates should send the print of online filled & submitted application form & copy of uploaded documents by hand/speed post/courier for verification & confirmation to "Director, Sardar Patel College of Engineering (SPCE), Versova Road, Munshi Nagar, Andheri (West), Mumbai- 400058".	09-12-2020	16 th -12-2020 Up to 5.00PM
<p>*Facility of Online Registration & Documents verification, confirmation of Application Form for Admission to Seats other than CAP Seats shall be continued till 14th January 2021 up to 5.00 PM at online E-Verification by Scrutiny Center.</p> <ul style="list-style-type: none"> • Applications registered after 15th December 2020 shall be considered only for Non CAP Seats. • Applications confirmed by Scrutiny Center after 16th December 2020 shall be considered only for Non CAP Seats. 			
3.	Display of the provisional merit list for Maharashtra State/All India/ Union Territory of Jammu and Kashmir and Union Territory of Ladakh Migrant candidates on website.	18-12-2020	
4.	Submission of grievances if any, for all type of Candidates: <ul style="list-style-type: none"> • Candidate shall raise the Grievance about correction required in the data displayed in provisional merit list through his/her Login. • The application of such candidates shall be reverted back to the candidate in his/her Login for rectification. 	19-12-2020	20-12-2020 Up to 5.00PM



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	<ul style="list-style-type: none"> ▪ Candidate shall upload the requisite documents to substantiate the claim for any correction/concession. ▪ The status of acceptance/rejection of Grievance raised by candidate shall be available in candidates Login along with latest receipt cum Acknowledgement. 		
5.	Display of the Final Merit lists of Maharashtra State/All India/ Union Territory of Jammu and Kashmir and Union Territory of Ladakh Migrant candidates on website.	22-12-2020	
6.	Display of Provisional Category wise Seats (Seat Matrix) for CAP Round I	22-12-2020	
CAP Round I			
7.	Online Submission & Confirmation of Option Form of CAP Round-I through candidate's Login by the Candidate.	23-12-2020	25-12-2020
8.	Display of Provisional Allotment of CAP Round-I	29-12-2020	
9.	<p>Accepting to the offered seat by candidate through his/her login as per Allotment of CAP Round I.</p> <p>a) The candidate shall self-verify the seat allotment made to him/her in the CAP Round I by accepting declaration through his/her login and certifying that his/her claim related with qualifying marks, category, gender, reservation, specific reservation etc. made by candidate in the application form are correct and relevant documents uploaded to substantiate his/her claims are authentic and correct.</p> <p>b) If candidate found the claim made by him is not correct and he/she wants to correct the error, (error as per the clause (e) of sub rule (4) of rule 9 given in information brochure) The candidate shall report the grievance through his/her login by online mode only.</p> <p>c) Candidates who have been allotted the seat as per their first preference in Round I (auto frozen) shall pay the seat acceptance fee by online mode through their login and Such candidates shall not be eligible for participation in subsequent Rounds.</p> <p>d) Candidates who have allotted other than first preference and self frozen their allotment in Round I through their login must accept the seat and shall pay seat acceptance fees through online mode. Such candidates shall not be eligible for participation in subsequent Rounds. [Candidate must exercise this option carefully]</p> <p>e) Candidates who have allotted other than first preference and want betterment in the subsequent rounds must claim the allotted seat in Round I by accepting that seat by choosing Not Freeze option for betterment and shall pay the seat acceptance fee through their login by online mode.</p>	29-12-2020	31-12-2020
10.	<p>Reporting to the Allotted Institute and Confirmation of Admission by submitting required documents and payment of fee after CAP Round I.</p> <p>Note: a) Candidates who have accepted the seat as per 9 (c), 9 (d) above must report to allotted institute for confirmation of admission</p> <p>b) The Institute shall verify the required documents and upload the admission of the candidates in the online system through Institute Login immediately and shall issue a system generated receipt of confirmation of admission and fee paid receipt to the candidate. If it is found that seat allotted to the candidate is on the false claims made in the applications by the candidate, then institute shall not admit such a candidate and such candidate shall raise the grievance by his/her login.</p>	29-12-2020	31-12-2020



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CAP Round II		
11.	Display of Provisional Vacant Seats for CAP Round-II	01-01-2021
12.	Online Submission & Confirmation of Option Form of CAP Round-II through candidate's Login by the Candidate.	02-01-2021 04-01-2021
13.	Display of Provisional Allotment of CAP Round-II	06-01-2021
14.	Accepting to the offered seat by candidate through his/her login as per Allotment of CAP Round II. Note: - All eligible candidates participated in Round II and allotted the seat first time shall self-verify the seat allotment as per 9(a) above. The candidate who have been allotted the seat first time in Round II shall pay the seat acceptance fee through his/her login by online mode.	07-01-2021 09-01-2021
15.	Reporting to the Allotted Institute and Confirmation of Admission by submitting required documents and payment of fee after CAP Round II. Note: Participating candidates to whom the first time allotment is made or got betterment in allotment or No betterment (Earlier seat retained) in Round II shall be final. Such a candidate must report to allotted institute for confirmation of admission.	07-01-2021 09-01-2021
16.	(For Government/ Govt. Aided/ Unaided Institutes) For Vacant seats if any at institute the respective institute will complete the admission activity in the following manner - <ul style="list-style-type: none"> ▪ Display of vacant seats on institute website and giving appropriate advertisement in the News Paper. ▪ Invite applications from registered candidates. ▪ Prepare and display Merit List on college website and Institute Notice Board. ▪ Carry out/ Complete Admission Process by following Government Admission Rules. 	10-01-2021 14-01-2021
17.	Commencement of academic activities for All institutes	04-01-2021
18.	Cut-off Date for all type of admissions for the Academic Year 2020-21	14-01-2021
19.	For institutes: Last date of uploading the data (details of admitted candidates)	15-01-2021

Union Territory of Jammu and Kashmir and Union Territory of Ladakh Migrant Candidates:

Sr. No.	Activity	Schedule	
		First Date	Last Date
1.	Counselling Round at "Director, Sardar Patel College of Engineering (SPCE), Versova Road, Munshi Nagar, Andheri (West), Mumbai-400058"	28-12-2020	30-12-2020
2.	Reporting to the Allotted Institute and Confirmation of Admission by submitting required documents and fees, as per Final Allotment.	29-12-2020	31-12-2020

Important Note:-

1. All types of candidates aspiring for admission under CAP seats shall register himself/herself online, Scan and upload Documents, solve grievances raised by E-Scrutiny Center during E-Verification verified documents & Application Form confirmed by E-Scrutiny Center. Such eligible registered candidates shall be considered for CAP Merit and admission through CAP.
2. In case of NRI/OCI/PIO, CIWGC, FN Candidates, and Union Territory of Jammu and Kashmir and Union Territory of Ladakh Migrant Candidates after registration & confirmation of their application at "Director, Sardar Patel College of Engineering (SPCE), Versova Road, Munshi Nagar, Andheri (West), Mumbai- 400058" shall approach directly to the Institute for admission where such quota is granted by the appropriate authority. However, CET Cell may publish the list of such registered & eligible candidates separately on website.
3. The candidates aspiring for admission for Institutional Quota, seats remaining vacant after CAP, it is **mandatory** to get registered, documents verified and confirmation of application by E-Scrutiny center. Such candidates must apply separately to Institutes for admissions to seats other than CAP Seats. Merit of such candidates shall be prepared by the Institute at the institute level.



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Important Instructions for candidate:

1. If candidates fail to confirm online filled application by E-Scrutiny center, then such applications will be rejected and name of such candidates will not appear in the merit list(s) prepared for the purpose of Admission for both CAP as well as Non-CAP process.
2. The candidates belonging to SC, VI/DT (NT (A), NT (B), NT(C), NT (D), OBC, SBC and EWS categories shall produce "Caste Validity Certificate" and ST category shall submit "Tribe Validity Certificate". All Backward Class candidates excluding SC & ST shall produce Non Creamy Layer certificate valid up to 31st March 2021. If such candidates fail to produce the original certificate or receipt of Caste/Tribe validity certificate, Non Creamy Layer certificate and EWS certificate issued by competent authority at the time of verification by E-Scrutiny center, then such candidates will be treated as GENERAL category candidates for CAP Admissions.
3. EWS candidates shall produce the Eligibility Certificate for Economically Weaker Section. (As per the format in Maharashtra State Government Resolution No. राजमौ-४०११/१.३१/१६-३, dated 12th February, 2019 only)
4. For Union Territory of Jammu and Kashmir and Union Territory of Ladakh Migrant /NRI/PNO/OCI/CIWGC/PN Candidates: -Such Candidates will get the Receipt-cum-Acknowledgement through their login after confirmation of application by E-Scrutiny center. Applications received after the last date from candidates belonging to Union Territory of Jammu and Kashmir and Union Territory of Ladakh Migrant candidates will be summarily rejected and no correspondence will be entertained in this regard.
5. Candidates who have registered as a reserved category candidate but unable to produce required certificate for reservation claim during E-documents verification stage shall have to pay difference of fee of Rs. 200/- through online mode only.
6. Once the candidate confirms his/her Option form online through his/her Login for the respective admission rounds, Candidate will not be allowed to change/cancel the option/preference submitted under any circumstances.
7. A Candidate who has been allotted a seat shall download the "Provisional Seat Allotment Letter"
8. The Seat Acceptance Fee shall be Rs. 1,000/- for all Candidates. The candidate has to pay the Seat Acceptance Fee during first reporting only. This fee shall be treated as non-refundable processing fee. The Seat Acceptance fees is to be paid through His/ Her Own login by ONLINE MODE only.
9. Seat will be confirmed by the allotted institute after verification of the original documents and ensuring that the Candidate meets all the eligibility norms. The admission in-charge of institute shall issue the Online Receipt of admission confirmation to the candidate.
10. The SC, ST, VI/DT- NT(A), NT(B), NT(C), NT(D), OBC, SBC and EWS Candidates who submitted receipt of Caste/Tribe Validity Certificate, Non Creamy Layer Certificate, EWS Certificate during the E- document verification and confirmation period should scan and submit Caste/ Tribe Validity Certificate, Non Creamy Layer Certificate, EWS Certificate at the time of payment of seat acceptance fee by self-confirmation in online mode and submit original certificate at Allotted institute on or before 31/12/2020 up to 05.00 p.m. to otherwise these candidates shall be considered as Open category candidates and their allotment, if any, shall be cancelled.

General Notes:

1. The List of e-Scrutiny Center is available on website.
2. Eligibility, Rules & regulations for admission are made available on the website.
3. The schedule displayed above is provisional and may change under unavoidable circumstances. The revised schedule, if any, will be notified on website www.mahacet.org
4. For queries/enquiry: Help Line No 8857954644, 8484883324, 8856060692, 9021768184 between 10 a.m. to 06 p.m.

Sd/-
Commissioner
and Competent Authority,
State Common Entrance Test Cell,
Maharashtra State, Mumbai



ANNEXURE D

**Admission to First Year Engineering - A. Y. 2020-21
(INSTITUTE LEVEL SEATS)**

DATE: 08/12/2020

VENUE: GROUND FLOOR SEMINAR HALL (008)

MERIT NUMBER	Reporting Time
1-50	10.30 AM
51-100	11.30 AM
101-150	1.30 PM
151-200	2.30 PM
200- Onwards	3.30 PM

NOTE:

1. Follow the schedule strictly.
2. Late comers will not be entertained for the seat preference already allotted.
3. Carry your MHT-CET/JEE scorecard for verification.
4. Follow all the Covid-19 guidelines given by the Government authorities.

FEE Structure:

Payable by Cheque in favour of **A. P. SHAH INSTITUTE OF TECHNOLOGY**

HSC & SSC from Maharashtra State Board	Rs. 128406/-
HSC or SSC from other Maharashtra State Board	Rs. 128706/-



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A. P. Shah Institute of Technology, Thane

All courses are NBA Accredited

Address: Survey No 12, 13, Kasarvadavali, G B Road, Thane West, Maharashtra

Mobile: 7738305400, 7738940600

Provisional Merit List First Year Engineering - A. Y. 2020-21 (INSTITUTE LEVEL SEATS)

Sr. No.	Name	CET Percentile score	MERIT NUMBER
1	THAKUR PRATHAMESH SHRIPAD	99.0133	1
2	SACHDEO SARGUNDEEPAUR HARDEEPSINGH	97.5552	2
3	SHINDE ABHISHEK ASHOK	95	3
4	KADKADE VARUN PRASHANT	95	4
5	CHAUDHARI SARA MAHENDRA	94.37	5
6	SONI MEGHA HARESH	94	6
7	VERMA AYUSH AJAY	93.25	7
8	BANNORE AADITYA MANISH	92.6142	8
9	PANCHAL SMIT MAHESH	92.5019	9
10	CHITALIYA KHUSHI BHAVESH	92.04	10
11	RAJAMOHAN TATIKONDA RAMNATH	91.6109	11
12	SHAIKH ALTAMASH RAIS	91.2565	12
13	PATIL DNYANESHWAR JAGANNATH	90.879	13
14	BHAWSAR PARAS SUNIL	90.7412	14
15	JOSHI EESHAN SUNIL	90.0818	15
16	KAMBLE OMKAR SHRIKANT	89.1057	16
17	PATIL SWAYAM NILESH	88.4024	17
18	IFTAKHAR ALI IMAM	88.3639	18
19	RANE YASH SANJAY	88	19
20	PARMAR JIMIT DINESHKUMAR	87.9632	20
21	SANKPAL SHREYAS SHASHIKANT	87.8494	21
22	PATRO BISMITA BASANTA	87.6961	22
23	PATRO BISMITA BASANTA	87.6961	23
24	CHOPDEKAR PRANAV VINAYAK	87.6665	24
25	WALANJU OM RAJENDRA	87.2329	25
26	PARAB DEVANG KISHOR	86.8109	26
27	SHETTY SHRAVYA DIVAKAR	86.4504	27



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28	MATHANE ITISHA RAJENDRA	86.4073	28
29	KHAN ANAS ANJUM	86.258	29
30	SAJWAN SAHIL JAGDISH	86.0053	30
31	SAWANT VEDANGI TUSHAR	86.005	31
32	PAUL MONISHA NISIKANTA	85.9843	32
33	BAIS VENUS VINOD	85.81	33
34	BHOSLE ADITYA PRASHANT	85.2866	34
35	SHUKLA KESHAV PRAMOD	84.2637	35
36	DESAI GAURAV ALGONDA	84.0867	36
37	CHUDASAMA JINESH KISHOR	84	37
38	SINGH DIVYA MANOJKUMAR	84	38
39	DIVEKAR ANJALI SUYOG	83.7	39
40	MISHRA LUCKY UMESH	83.4682	40
41	SULE CHAITALI SACHIN	83.43	41
42	GHARPURE ASMITA GANESH	83	42
43	MAHIMI YASHAB HANIF	83	43
44	SANKHOLKAR ARYAN HARISH	83	44
45	KAMBLI VAISHNAVI MILIND	82.95	45
46	BAROT NISARG JIGNESH	82.8748	46
47	SAINI EISHA GURJIT SINGH	82.6867	47
48	CHIPARIKAR RUSHABH SUDESH	82	48
49	KARMAKAR NIKHIL ASHIM	81.8335	49
50	VIDWANS SHRIYA SHRIKANT	81.64	50
51	CHAUHAN ARPIT AKHILESH	81.5167	51
52	PANIKAR SOMIYA SUDEEP	81	52
53	MISHRA LUCKY UMESH	81	53
54	TRIPATHI PRAGYA ANIL KUMAR	80.6651	54
55	AMBESH MISHRA GANGAPRASAD	80.45	55
56	TIWARI UJJWAL SANTOSH	79.8387	56
57	DARJI MANAS VINOD	79.5	57
58	PAWADE PRATIK PRALHAD	79.0718	58
59	BENDUGADE HRUSHIKESH MAHESH	78.9697	59
60	UPADHYAY DEEPA TUSHAR	78.9677	60
61	JAGTAP ABHISHEK BHARAT	78.7874	61
62	MENON ANUPAMA RAJESH	78.7232	62
63	MALI CHANDAN MALIK	78.3207	63
64	AGNIHOTRI VANASHREE DHANESH	78.263	64



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65	IYER HARIHARAN VENKATASUBRAMANIAN	78.263	65
66	NACHARE SAHIL SANTOSH	77.0957	66
67	DESALE KUNAL JITENDRA	76.8724	67
68	PAL KARTIK MANOJ KUMAR	76	68
69	JAIN MAYUR NARESH	76	69
70	SALUNKE OM AMOL	75.9746	70
71	GALA RUBIN LINESH	75.88	71
72	ANSARI MOHAMMED HAMZA MD HASHMAT	75.1846	72
73	GAGE MADHU SHYAMKUMAR	75	73
74	KAKDE RUSHIKESH ANIL	74.8471	74
75	DEORE YASHRAJ SANJAY	73.95	75
76	GODE KIRAN BALAJI	73.8595	76
77	SAWANT PRANJALI SHAILENDRA	73.859	77
78	KULKARNI ANUSHREE PRASAD	73.6895	78
79	KUMAR ARYAN ASHWANI	73.6302	79
80	SHARMA RAJESH RADHESHYAM	73.44	80
81	KACHHIA GHANSHYAM JIGNESH	73.4187	81
82	GHADUSE OMKAR SUNIL	73	82
83	SINGH SHUBHAM ARUN KUMAR	72.6935	83
84	SHINDE SHREYAS SUBHASH	72.3272	84
85	WALAVEKAR GANDHARVI UMESH	72.1186	85
86	SHARMA SIDDARTH SHANKAR SANJEEV	72.1185	86
87	PATIL VIHANG SACHIN	72.0611	87
88	BHOSALE KIRTI KISHOR	71.8029	88
89	NAYI JAYKUMAR ASHWIN	71.8029	89
90	WAGH AABHA ARVND	71	90
91	SINGH ADARSH JAIPRAKASH	70.8037	91
92	MADOO AMIR ASIM	70.5748	92
93	RANE HIMANSHU PRAMOD	70.4657	93
94	RAUT ADITI ANANT	70.46	94
95	TAKLE ATHARVA ABHIJIT	70.0898	95
96	GURAV SAHIL SURYAKANT	69.7589	96
97	VAZE GAURAV PRADIP	69.7264	97
98	AHIRWAR ANMOL MAHENDRA KUMAR	69.726	98
99	SALUNKE ANUSHREE BHARAT	69.4	99
100	PADYAL CHIRAG SANJAY	68.23	100
101	SAWANT SAHIL KAMLAKAR	68.1607	101



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102	SIRVI SURESH RAJARAM	68.16	102
103	THAKKAR KEVIN MILAN	68.004	103
104	SINGH SURAJ BYASNARAYAN	67.7029	104
105	JAUNJALE VIKRANT PRAVIN	67.47	105
106	MHATRE DARPAN SUDHAKAR	67	106
107	GUPTA ANAND TRIBHUVAN	67	107
108	SAWANT MOKSHADA ABHIJEET	67	108
109	MIRZA MAAZ MOAZZAM	66.8	109
110	DUKHANDE MADHUR SURENDRA	66.75	110
111	PIMPALSHENDE HARSHAL VINOD	66.7004	111
112	POONEKAR NIMISH VIVEK	66.58	112
113	GAIKWAD VAISHNAVI VIRBHAN	66.4468	113
114	PATIL DEVAL MANOJ	66	114
115	KULKARNI SOHAM NITIN	65.8821	115
116	SHAH SHREY KUNJAY	65.1486	116
117	MAGHRABI YADULLAH JAMALUDDIN	65.1485	117
118	AHIRE SAKSHI HARIDAS	65.0496	118
119	BHOSALE ASHUTOSH JANARDAN	65.0496	119
120	LOTANKAR PRATHAM PRAMOD	65	120
121	KASHYAP AMAN NARENDRA	64.5611	121
122	SWARNA SELVINA MOSES	64.0086	122
123	PAWAR PRAJWAL ASHOK	63	123
124	TAMBAT NIMEESH RUPESH	62.8864	124
125	DHULE PRATIK RADHAKRISHNA	62	125
126	JADHAV PABHA PADMANABH	61.82	126
127	BHOSALE ANISH VIJAY	61.5584	127
128	JADHAV CHINMAY PRASANNA	61.39	128
129	KETKAR ANANYA MANOJ	60.5737	129
130	BIJALI MOHAMAD KAIF DASTAGIR	60	130
131	ADEPU PAVAN SRIHARI	59.3821	131
132	PHATTA DISHA SUBHASH	59.31	132
133	GANGULY ATREYA ANANDARUP	59	133
134	SINGH VISHESH PANKAJ	59	134
135	SINGH AADITYA ARUN	58.7564	135
136	ALI SAYED MANSHA	58.09	136
137	PATIL CHINMAY SUNIL	58.0434	137
138	PANDEY PRATHAMESH PRAVEEN	58	138



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139	AWARI OM SANJAY	57.8191	139
140	UTEKAR VINAYAK VIKAS	57.8191	140
141	JAIN TUSHAR NANDLAL	57.6372	141
142	PANDEY PRATIK KAMLESH	57.1	142
143	SHINDE VAISHNAVI SANJAY	56.6819	143
144	SUKAPURE PRASAD KAILAS	56.2912	144
145	CHANDORKAR AAYUSH MAHESHWAR	56.22	145
146	SHILOTRI NAMAN JITENDRA	55.82	146
147	NAGDA DRASHTI SHAILESH	55.31	147
148	REHAPADE RAJ VILAS	54.524	148
149	SINGH KULDEEP JANGBAHADUR	54.524	149
150	GOENKA MUKUND PRADEEP	54.1568	150
151	YADAV AASHU KUMAR	54.1568	151
152	PINJARKAR SHRUTI NITIN	54.1568	152
153	PAWAR PRATIK ASARAM	53.5	153
154	DALVI NITISH MANGESH	52.258	154
155	VAIDYA KEDAR MANDAR	52.258	155
156	VASALA DHANANJAY GANGADHAR	52	156
157	MADARGI SOUMYA CHANDRAYYA	52	157
158	RAWAL SANSKRUTI DEEPAK	50.5264	158
159	CHAUDHARY HARSHAL KIRAN	50.1539	159
160	DHAKE JAYESH NARENDRA	49.7942	160
161	SHARMA NIKHIL TIRATH	49.7942	161
162	SOMVANSHI VINAYAK RAJENDRA	49.7371	162
163	GAIKWAD SANJAL VIKARAM	49.73	163
164	DUTTA SANIYA NARENDRA	49.5704	164
165	PATARE DIYA MILAN	49.57	165
166	GARG OM DEEPAK	49	166
167	BORADE SIDDHANT MAHESH	48.4999	167
168	MEHTA DHRUVESH GOVINDSINGH	48.05	168
169	GUPTA AMAN MANOJ	46.3476	169
170	SHIRODKAR DIVYA JITENDRA	46.34	170
171	GHOLAP ADITYA DINESH	45.7915	171
172	J S F	45.6	172
173	GUDAME PRATHAMESH KERBA	45.082	173
174	BORICHA PALAK NILESH	43.75	174
175	KEDAR PRATIK BHARAT	43	175



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176	DEHERKAR TANVISH ABHIJIT	43	176
177	BAGAVE ADITYA MARUTI	41.9156	177
178	DUBEY ASHUTOSH CHANDRASHEKHAR	41.9156	178
179	SAWANT ANIRUDDHA SATISH	40.28	179
180	CHAUDHARI NIVEDITA PRAMOD	40	180
181	BHARTI AMAN RAMJANAM	40	181
182	JAIN PRATHAM RAKESH	40	182
183	PARIJA NISHITA SUNIL	40	183
184	MUNGEKAR SIDDHESH SURESH	39.442	184
185	SHINDE GAURAV TUKARAM	37.384	185
186	CHAUHAN SURAJ RAMADNYA	37.06	186
187	TETE ABHISHEK AJAY	36.2153	187
188	DALVI SAHIL MOHAN	35.7022	188
189	SABBANI SHRIKANT NARENDER	33.4194	189
190	UMARE ROHIT PRAMOD	33	190
191	VARUN NIHAAL RAJ	33	191
192	EKHANDE SAHIL SANDESH	32	192
193	MULE HARSH SANTOSH	31.5328	193
194	GAIKWAD SAKSHI SATISH	31.167	194
195	GAIKWAD SAKSHI SATISH	31.167	195
196	SONI PANKAJ KUMAR GANGAPRASAD	30.219	196
197	SAHANI RAJU MUSHAFIR	29.87	197
198	SUTHAR NIKHIL JAVATRAJ	28.2129	198
199	PATIL VEDANT VISHWANATH	28.2129	199
200	SHAH JILL SHAILESH	26.6	200
201	SEN HARSH KAILASH	26.1518	201
202	DHAMI VIKAS DINESH	24.0395	202
203	MAHAJAN ANUSHKA RAVINDRA	23.0898	203
204	SHINDE NISHANT PRAVIN	20.2276	204
205	JAIN BHAVIK VIJAY	19.7065	205
206	DUBEY VIPULKUMAR KAMLESH KUMAR	19.34	206
207	GHATHALIA KHUSHAL MANISH	18.88	207
208	KURPATWAR GAUTAM ASHOK	16.1126	208
209	CHAVAN NILKANT ANANDA	15.7494	209
210	GONDHALEKAR ANUSHA GANESH	15.72	210
211	CHAUDHARY NEHA ANIL	14.2604	211
212	SURYAVANSHI MITHILESH MUKUND	12.0256	212



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213	LANKE TUSHAR CHANDRAKANT	12.0256	213
214	NEGI JAYA GOVINDSINGH	6.8	214
215	RAUT PAURAS AJAY	4.5541	215
216	PATIL KALYANI SANJAY	2	216
217	PATIL LAKSHIT DHANANJAY	0.4834	217

NOTE:

1. This is provisional merit list
2. If having any query contact Prof. Amol Shinde Mob. 9730412857
3. Final Merit list will be displayed on 7/12/2020 at 5.00 PM
5. Schedule for admission is displayed separately.

List of candidates who have been offered admission
(Admission list A.Y 2020-21)

Sr. No.	Candidate Name	Eligibility Percentage	CET Percentile	JEE Percentile	Merit Marks
1	BHOIR RIDDI KAILAS	63.33	40.1646622	11.7399784	40.1646622
2	BAGAVE ADITYA MARUTI	45.33	41.9156039	39.9073588	39.9073588
3	BELVINRAJ PUTHUMAIRAJ	52.66	59.0298287	10.8637906	59.0298287
4	BHANUSHALI CHIRAYU BHARAT	53	64.9952068		64.9952068
5	BOLLAR NAMAHA SHRINIWAS	47.67	19.3044653	26.2649485	19.3044653
6	CHAVAN SAGAR LAXMAN	64.67	62.1672516	64.9011073	62.1672516
7	DESHMUKH PRATHAM SUNIL	59.83	55.3173743		55.3173743
8	DHAIGUDE NIRANJAN SURESH	52.33	21.4906113		21.4906113
9	DHERE RATAN RAJENDRA	52.67	6.0550914		6.0550914
10	GANGURDE SAYALI SUNIL	55.16	59.3186035		59.3186035
11	GUPTA AAKASH RAJENDRA	71	76.000326		76.000326
12	KALANTRI KHUSHI SHAILESH	47	50.8064516	55.7621254	50.8064516
13	KAMBLE PRACHI MILIND	43.83	11.8793003	34.3267209	11.8793003
14	KARVE VARADRAJ SAMIR	58.5	69.726439		69.726439
15	KUMTHEKAR VISHAL MADAN	50.36			50.36
16	MADAM DEV BHIMSHI	69.83	16.9155059	57.4239924	16.9155059
17	MEET JAYESH CHOUDHARI	57.83	25.044315		25.044315
18	NIKAM MOHIT MAHENDRA	60	77.9829421	68.130492	77.9829421
19	PATIL KALYANI SANJAY	52		28.1273826	28.1273826
20	PATIL SUYASH PRADIP	56.33	46.3977583		46.3977583
21	PAWAR VEDANT RAJKUMAR	46	14.7852363	52.7710985	14.7852363
22	POTDAR VIVEKA SHASHIKANT	65.83		61.8068601	61.8068601
23	PRASAD NIKHIL KAMAL	60.33	50.9892798	23.9421137	50.9892798



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24	RAMJIYANI PRIT VIJAY	53.67	18.3983482	73.42602	18.3983482
25	RATHOD NILKANTH SHIVCHARAN	78.67	22.0508994		22.0508994
26	SANGMESHWAR SHAMBHU JALKOTE	66.67	66.1096865		66.1096865
27	SANKET SUDHIR SALVE	43	23.1246308		23.1246308
28	SHARMA RAJESH RADHESHYAM	69.5	73.4421146		73.4421146
29	TANPURE SHUBHAM DATTA	46.17	6.7043346	25.9994074	25.9994074
30	THAKUR SHUBHAM RAMAKANT	61	55.7162386		55.7162386
31	BHALEGHARE AASTHA DEEPAK	52	18.4796096	23.6800095	18.4796096
32	KHEMANI MALKITSINGH MANJEET SINGH	51.33	85.4743691		85.4743691
33	OM SANJAY BHANUSHALI	65.33	56.4501671		56.4501671
34	PAWAR NAVAL TANAJI	82.66	72.8066421		72.8066421
35	WAGH JAYESH PRAKASH	48	47.7783049		47.7783049
36	AGARKAR PRIYANSHU TUSHAR	70.5	92.4537528		92.4537528
37	AGARWAL MANTHAN MITESHKUMAR	55	50.9892798	87.8974734	87.8974734
38	AGNIHOTRI PRATIK NAGENDRA	77.66	81.7270113	58.8897151	81.7270113
39	AKSHAYKUMAR F JAIN	90.33	80.0678416	66.8139198	80.0678416
40	ANNADATE SIDDHANT SURESH	69.5	71.1089781	63.9247764	71.1089781
41	ANUPAMA MENON	71.66	78.7232248		78.7232248
42	ARUN MATHAI S K	50.33	24.7663165	29.0025088	24.7663165
43	ARYAN ASHWANI KUMAR	80.33	73.6301086	65.740406	73.6301086
44	ASHNEEL NILESH RAJE	66.67	90.3604288	62.1778533	90.3604288
45	BAGUL SAKSHI BHARTARI	73.67	84.0866925	28.7658524	84.0866925
46	BAGWE SUYASH SUHAS	74.66	81.3053751	24.3113965	81.3053751
47	BAIG AAMIR SABIR	79.76			79.76
48	BAIS VENUS VINOD	62	85.8119289		85.8119289
49	BAPAT ADWAIT MAHESH	72.33	85.9843489	60.9325994	85.9843489
50	BAROT NISARG JIGNESHBHAI	70	82.8747628	73.9036466	82.8747628
51	BHALERAO SHREYAS SACHIN	51.17	72.577622	26.926632	72.577622
52	BHAVSAR NACHIKET NITIN	68.33	66.7530038	27.5436573	66.7530038
53	BHOSALE VIDUL VIJAY	67	78.1598892	65.2431354	78.1598892
54	BHOSLE ADITYA PRASHANT	73.5	85.286635		85.286635
55	BORADE SIDDHANT MAHESH	55	48.4998921	46.217723	48.4998921
56	CHAUDHARI HARDIK NARENDRA	69.5	78.7232248		78.7232248
57	CHAUDHARI MEGHAVATI PRASHANT	57.16	78.7232248	36.7327018	78.7232248
58	CHAUDHARI SARA MAHENDRA	88.5	94.3751054	73.3061832	94.3751054
59	CHAUHAN ARPIT AKHILESH	63.5	81.5166559	65.7479355	81.5166559
60	CHAVAN RUDRA BHANURAJ	82.83	43.7535653	27.0556522	43.7535653
61	CHAVAN SOUJANYA NANDKUMAR	82.67	85.302024		85.302024
62	CHITNIS KOMAL MAHESH	80.5	89.4945819	53.5211172	89.4945819



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63	CHOPDEKAR PRANAV VINAYAK	79.66	87.6664783		87.6664783
64	CHOUDHARI TANVI DEEPAK	65.66	68.8692973		68.8692973
65	DAGLI KARAN HITENDRA	57.5	18.3983482	61.4589999	18.3983482
66	DESHPANDE VEDANG PRASANNA	74.33	77.9829421	93.4905849	93.4905849
67	DHAMANKAR ATHARVA SUNIL	66.17	96.5423112	95.1209764	96.5423112
68	DHULE PRATIK RADHAKRISHNA	55.66	59.3186035	35.430986	59.3186035
69	DHUMAL VAISHNAVI SHANKAR	81.66	79.8733843	30.4835081	79.8733843
70	DIVEKAR ANJALI SUYOG	73.5	83.7542269	50.7704716	83.7542269
71	DIVEKAR SHREYASH VIJAYKUMAR	72.66	81.5804343		81.5804343
72	DUNG NIKITA VISHNU	53.67	35.702171	57.1673174	35.702171
73	FALE ANIRUDDHA SUPRIY	92.66	89.974143		89.974143
74	GADODIA SAHARSH SUNIL	59.83	71.3623956	58.8897151	71.3623956
75	GALA JAINAM KIRTIKUMAR	63	28.2128596	38.5266795	28.2128596
76	GALA RUBIN LINESH	60	75.8880425		75.8880425
77	GANDHI DHRUVIL NIKHIL	48.5	68.4657413	51.8101657	68.4657413
78	GANDHI MANAV HITESH	51	73.5329037	69.5191252	73.5329037
79	GAURANG UMESH SANT	66.33	84.98228		84.98228
80	GAUTAM AMOL VINEETKUMAR	66.17	80.6651427	70.2126756	80.6651427
81	GHADUSE OMKAR SUNIL	63.67	73.1435735	21.2197142	73.1435735
82	GHOSHI NOOR BANO ABRAR AHMED	85.67	78.3911539	33.5673742	78.3911539
83	GODE KIRAN BALAJI	52.66	73.8594539		73.8594539
84	GOENKA MUKUND PRADEEP	55.66	54.1568222	87.6128853	87.6128853
85	GOWDA RAJESH MANJU	78.33	81.7079376	56.1546451	81.7079376
86	GUJAR SAHIL PARAG	73.33	91.8885038	75.1591082	91.8885038
87	GUPTA MANSI RAMCHANDRA	70	82.1595006	55.9656403	82.1595006
88	GUPTA SAURAV MANIKCHAND	77.16	80.6046777	36.244934	80.6046777
89	GUPTA SHREYASH RAJESH	76	82.0714105		82.0714105
90	GUPTA VIVEK YOGENDRA	65.83	80.0678416	60.9283224	80.0678416
91	GUTTULA KARTHIK KIRAN KUMAR	72.66	82.68674	34.8308017	82.68674
92	HARMIT AVTAR SAINI	69	78.4879383	51.1884084	78.4879383
93	IYER HARIHARAN VENKATASUBRAMANIAN	57	78.2629752	54.1121495	78.2629752
94	JAGTAP ABHISHEK BHARAT	51.33	78.7873849	60.2733485	78.7873849
95	JAIN BHAVESH SHANTILAL	81.33	70.8036549	60.9283224	70.8036549
96	JAIN JAS DHIRAJ	78	72.5414964		72.5414964
97	JAIN PRATHAM RAKESH	52.33	40.1646622	42.428239	40.1646622
98	JAIN SHUBHAM PRAVIN	59.33	53.6290323	36.6680582	53.6290323
99	JAIN SUCHIT PRAVINCHAND	70.33	38.7314902	16.2220645	38.7314902
100	JANVI RAJESHKUMAR MEHTA	69.67	87.0496161		87.0496161
101	JOSHI EESHAN SUNIL	87.83	90.0817726	79.9005079	90.0817726



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102	KACHHIA GHANSHYAM JIGNESHKUMAR	74	73.4187223	64.908509	73.4187223
103	KADAM NIKITA SANJAY	62.66	46.8917612		46.8917612
104	KANADE YASH JAYANT	49.16	66.9447726	36.6206866	66.9447726
105	KAREKAR ATHARVA AJIT	75.66	82.7253759	40.2834867	82.7253759
106	KASAR SHARVARI SUBHASH	81.16	86.122855	50.1760245	86.122855
107	KASHYAP AMAN NARENDRA	54	64.5610545		64.5610545
108	KETKAR ANANYA MANOJ	53.83	60.5737104	65.9403631	60.5737104
109	KOTHARI VAISHNAVI ANIL	69.33	89.0434193	71.0642198	89.0434193
110	KULKARNI ANUSHREE PRASAD	59.83	73.6895417	62.6356061	73.6895417
111	KULKARNI SOHAM NITIN	75.67	65.8820508	48.6187616	65.8820508
112	KUMAR SHIVANGI ARABIND	63.17	80.1984396		80.1984396
113	LIMAYE SAHIL MAHESH	70.83	86.1717268	78.4411465	86.1717268
114	MADARGI SOUMYA CHANDRAYYA	60	52.7484058	47.0339246	52.7484058
115	MADHUR ANIL SHINDE	62.66	78.6913723	90.7188875	90.7188875
116	MAGHRABI YADULLAH JAMALUDDIN	51.33	65.1485718	42.8504673	65.1485718
117	MAHAJAN AMEY SUBHASH	61.16	77.6512882	17.8853299	77.6512882
118	MALI HARSH SANJIVAN	81	87.2207481	85.0150423	87.2207481
119	MANE ABHAY VIJAY	73.5	84.9497763	79.4107872	84.9497763
120	MANE PRATHAMESH SANDEEP	68.67	75.0903326		75.0903326
121	MANGAONKAR YASH MAHESH	77.66	76.0194676	60.6981096	76.0194676
122	MANSI RAJENDRA GHARAT	77.83	85.2126887	71.4109789	85.2126887
123	MATHANE ITISHA RAJENDRA	74.66	86.4072652	34.3267209	86.4072652
124	MEHTA AKSHAT SHAILESH	81.5	81.7270113		81.7270113
125	MEHTA DHRUV DHARMESH	64.67	81.1518325	82.8349555	81.1518325
126	MISALE MRUNAL MAHENDRA	49.33	81.5166559	21.5574374	81.5166559
127	MISHRA KESHAV KAILASH	69.83	79.667602	71.9628422	79.667602
128	MISHRA PARTH RAKESH	71.83	83.7275002		83.7275002
129	MOHITE MITALI MANOJKUMAR	89.67	84.9497763	79.5973885	84.9497763
130	MOHITEPATIL JAY TUSHAR	90	95.375011	88.9034061	95.375011
131	MOJIDRA SHUBHAM VIJAY	85	80.9447083	42.4413035	80.9447083
132	MULE HARSH SANTOSH	52	31.5327984	56.5877156	31.5327984
133	MURTHY SUHAS KESHAVA	65.66	85.8119289	64.7918988	85.8119289
134	NARA AMIT GOPAL	76	84.7577612	64.9291194	84.7577612
135	NARKEDE NAMRATA SUBHASH	78.33	80.1934435	49.6417427	80.1934435
136	NIKAM SAYALI RAMESH	62.33	55.8259837		55.8259837
137	NIMBALKAR OMKAR KRISHNARAV	76	85.5597708	44.6527699	85.5597708
138	NIRMAL AJAY ARVIND	67.67	82.8036281		82.8036281
139	PAL PRINCE SURESH	62.67	79.452171	59.8178469	79.452171
140	PAL UJJWAL RAJENDRA	64.67	4.7489824		4.7489824



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141	PANCHAL SHUBHAM VIMALKUMAR	83.83	55.7162386	80.3809342	55.7162386
142	PANCHAL SMIT MAHESH	80.67	92.5019259	70.10078	92.5019259
143	PANDEY AVADH VIRENDRA	69.33	82.2266435		82.2266435
144	PANI ANWESHA ASHIS	92.5	87.6624335	92.4444046	92.4444046
145	PARAB HRUGVED SANJAY	48.5	19.4849646		19.4849646
146	PAREKH MEET DILIP	64.33	81.1518325	59.4364433	81.1518325
147	PATEL KUNJ HITESH	82.83	78.2629752	56.094761	78.2629752
148	PATEL DHYEY MUKESH	67.66	70.5545884	69.2311403	70.5545884
149	PATHAK TEJAS RAJESH	70.5	85.8327116	55.9656403	85.8327116
150	PATIL AASTHA SATISH	68.5	87.9996627	51.8105888	87.9996627
151	PATIL CHINMAY SUNIL	55	58.0434256	52.3027847	58.0434256
152	PATIL NIRAJ VINOD	84.66	68.2279301	55.9351597	68.2279301
153	PATIL PRANAY DILIP	75.83	77.5754	45.9660475	77.5754
154	PATIL VIHANG SACHIN	68.33	72.0610558		72.0610558
155	PATRO BISMITA BASANTA KUMAR	66.83	87.6960702	54.4854936	87.6960702
156	PAWADE PRATIK PRALHAD	71.66	79.07179	48.1294251	79.07179
157	PAWAR BHAVESH SANJAY	54.66		88.9156061	88.9156061
158	PRAGYA TRIPATHI	74.66	80.6651427	64.8959321	80.6651427
159	PRAJWAL PRATAP PARAB	60.33	82.0994316	77.3008521	82.0994316
160	RAMU PRITISH RAJNISH	78	91.1789509	63.4810593	91.1789509
161	RANE HRISHIKESH ARUN	73.33	81.3066034	73.1273916	81.3066034
162	RANE YASH SANJAY	56.83	87.5984415		87.5984415
163	RAUT ADITI ANANT	59.33	70.4657357		70.4657357
164	RAWAT ASHUTOSH DHARMENDRA	64	90.4199696	67.0027134	90.4199696
165	REHAPADE RAJ VILAS	47.67	54.5240027	43.6027508	54.5240027
166	SAHIL SANDEEP CHORDIA	67.17	73.6301086	73.1273916	73.6301086
167	SAINI EISHA GURJITSINGH	77.16	82.68674	72.8265838	82.68674
168	SAINI KUNAL KAMAL	81.83	86.8987954	33.7253645	86.8987954
169	SAJWAN SAHIL JAGDISH	67.16	86.0053069	18.9039932	86.0053069
170	SAKET JAGDISH PRASAD NIGAM	49.33	63.7042062	21.4731272	63.7042062
171	SALUNKE ANUSHREE BHARAT	56	69.4150658	61.6871863	69.4150658
172	SAMPADA VASANT BHADANE	72.66	65.276137		65.276137
173	SAMRADNYEE DEEPAK SHINDE	85	88.6370348	63.8282598	88.6370348
174	SARFARE ATHARVA SUMEDH	78.83	84.9111686		84.9111686
175	SAVLA VANDAN DEEPAK	87.33	94.1413662		94.1413662
176	SAWANT MOKSHADA ABHIJEET	51.5	66.7004305	60.374472	66.7004305
177	SAWANT SIDDHESH PRAKASH	81.66	80.1092735	35.6771064	80.1092735
178	SHARDUL ADITI NITIN	68.83	37.3840445	27.1112503	37.3840445
179	SHARMA ADARSH DEVANAND	65	85.4372097	32.7673615	85.4372097



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180	SHARMA PRAVINKUMAR RAMPRASAD	69.67	84.2493575	36.6680582	84.2493575
181	SHARMA SIDDARTH SHANKAR SANJEEV	59.66	72.1185753	71.8911882	72.1185753
182	SHEIKH SANA SALIM	87	88.7096774	59.4364433	88.7096774
183	SHETTIGAR RANJAN KESHAV	56.33	78.2390679	39.0066957	78.2390679
184	SHETTY SHRAVYA DIVAKAR	85.33	86.4503649	40.7696398	86.4503649
185	SHETTY VIKRAM JAYARAM	78.17	84.9867329		84.9867329
186	SHILOTRI NAMAN JITENDRA	81.83	55.8259837		55.8259837
187	SHINDE ANUJ	64	71.5655226	72.1720814	71.5655226
188	SHINDE ATHARVA MAHENDRA	59.5	76.2104005	70.1759343	76.2104005
189	SHINDE DHANANJAY SHIVRAM	63.83	56.2223276		56.2223276
190	SHIRWALKAR SARVESH RAGHUNATH	73.83	79.452171	48.8733653	79.452171
191	SHUKLA KARTIK NARENDRA	44.83	8.5241627	2.3008023	8.5241627
192	SIDDHARTH SINGH	74	88.5583897		88.5583897
193	SIDHU HARJOT SINGH JASPREET SINGH	80.67	88.5583897	65.9994434	88.5583897
194	SILASKAR JANHAVI SATISH	84.5	87.5984415	58.9066059	87.5984415
195	SINGH SRUSHTI DEEPAK	56.16	45.0823062	33.254018	45.0823062
196	SIRVI SURESHKUMAR RAJARAM	61.66	68.1607041		68.1607041
197	SOMIYA SUDEEP PANIKAR	87.66	81.6712261	68.4444935	81.6712261
198	SONI MEGHA HARESH	90.33	84.9889985		84.9889985
199	SULE CHAITALI SACHIN	79	83.4361164		83.4361164
200	SUROSHI HIMALI LAXMAN	71.33	82.2567043	59.4964083	82.2567043
201	SWAMINI UMAKANT CHAUDHARI	66.33	86.1623155	27.5436573	86.1623155
202	SWARNA SELVINA MOSES	71	64.0086029	52.3027847	64.0086029
203	TEJAS MESTRY	72	83.7696335	81.6102086	83.7696335
204	THAKARE SAKSHI DINESH	70.33	83.1326323	8.9663894	83.1326323
205	TUMMA POOJA GANESH	88.5	94.9636665	54.6772377	94.9636665
206	UPADHYAY DEEPA TUSHAR	72.33	78.9677306		78.9677306
207	VADHAVANA VAIDIK VIMLESH	61.33	41.8722328		41.8722328
208	VIDWANS SHRIYA SHRIKANT	63.83	81.6410862		81.6410862
209	VISHWAKARMA VISHWAJEET RANGEELAL	63.66	89.8135443	72.747295	89.8135443
210	WAIKAR KSHITIJ DEEPAK	74.83	80.6651427		80.6651427
211	WALANJU OM RAJENDRA	78.33	87.2329201	68.0996227	87.2329201
212	YADAV CHANDAN VIRENDRA KUMAR	81.67		88.1199539	88.1199539
213	YADAV SAURABH SUBHASH	73.33	88.8954519	47.3984733	88.8954519
214	YADAV SEJAL SUGRIV	75.66	87.5820367		87.5820367
215	BHOIR SAURABH PURUSHOTTAM	90.17	94.3443591	83.7700478	94.3443591
216	CHOUGULE MAHEK CHIRAGUDDIN	87	93.7539532	90.4932262	93.7539532
217	JAIN VANSH JEETENDRA	82.33	93.975192	53.5861512	93.975192
218	KAMATH PRITHVI DAYANAND	94.83	92.5280567	47.5540513	92.5280567



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219	KHAN MOHAMAD AZEEIIM SHABAAZ	75.67	92.727407	52.8740068	92.727407
220	KUMBHAR CHETAN MALLIKARJUN	95	94.4744226		94.4744226
221	SHARMA ABHAYKUMAR MANOJ	87.67	95.4637178	83.1496556	95.4637178
222	TIWARI ABHISHEK AVDHESH	89.33	93.7393997	84.2064983	93.7393997
223	VARMA SHUBHAM MAKSUDAN	89.33	92.2584359	76.7169081	92.2584359
224	SOMVANSHI VINAYAK RAJENDRA	58.66	49.7371099	42.4413035	49.7371099
225	AASWIT SUDHIR KANHED	48.17	71.9509242	69.5203705	71.9509242
226	AHIRE ROHAN SANJAY	64	46.8917612	58.131914	46.8917612
227	AHIRE SAKSHI HARIDAS	67	65.0496408	47.5540513	65.0496408
228	AHIRWAR ANMOL MAHENDRAKUMAR	47.83	69.726439	64.9291194	69.726439
229	AMBATI ROHIN RAJENDRA	54.16	77.095671	53.9234559	77.095671
230	AMIN ARYAN BHOJA	74.66	74.8471113	79.2965978	74.8471113
231	ANDHALE AVINASH	57.67	74.2368022		74.2368022
232	ANISH VIJAY BHOSALE	80	61.5583855	80.2982813	61.5583855
233	ANKALWAR ATHARVA DEEPAK	69.66	75.4782468	70.9815068	75.4782468
234	ANSARI MOHAMMED HAMZA MD HASHMAT	69	75.1845836	13.4009735	75.1845836
235	ARYAN HARISH SANKHOLKAR	74	82.8747628		82.8747628
236	AWADE ANKIT AJIT	60	76.3657465		76.3657465
237	BALEKAR SAKSHI PRASHANT	63	74.4860848	63.0112156	74.4860848
238	BANGAR VISHAL VISHNU	66.33	71.1089781		71.1089781
239	BHAGWAT PRATHAM SAMBHAJI	53	76.3903463		76.3903463
240	BHANUSHALI JEMIN JAGDISH	65	77.5754		77.5754
241	BOLLA SOHAM SHAILENDRA	83.5			83.5
242	CHAUDHARI MITALI SANTOSH	62.66	75.5737823	39.6393106	75.5737823
243	CHAUDHARI PRATIK SHRIRAM	68.5	77.6399088		77.6399088
244	CHAVAN KALPESH KALYAN	57.33	76.7055523		76.7055523
245	CHAVAN MANASHREE MARUTI	48.33		56.5877156	56.5877156
246	CHAVAN OM BHAGWAN	55	74.8471113	55.6161188	74.8471113
247	DANGAT ASHMINA SANTOSH	72	71.6902926	80.2950778	80.2950778
248	DAREKAR SIDDHANT SURESH	50.33	74.4935023		74.4935023
249	DARPAN SUDHAKAR MHATRE	61.67	66.7871101	50.3352958	66.7871101
250	DEBANSHU MAHAPATRA	54	58.0950012	44.6527699	44.6527699
251	DEVESH JAYAWANT ZOPE	78.33	75.0903326		75.0903326
252	DONDE KRITIKA JAYANT	70	70.9682177	52.0532427	70.9682177
253	DUKHANDE MADHUR SURENDRA	55.33	66.7530038	21.9402308	66.7530038
254	GAGE MADHU SHYAMKUMAR	70.66	75.8880425		75.8880425
255	GAIKWAD SAKSHI SATISH	66.33	31.1669829	52.0562632	31.1669829
256	GANGAPURKAR PURVESH AJAY	65.66	71.0406477	52.7710985	71.0406477
257	GHUTE SHREYASH UDDHAVRAO	90.33	67.4741077	56.1054739	67.4741077



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258	GONDHALEKAR ANUSHA GANESH	66.5	15.7215545	44.0173465	15.7215545
259	GUNJAL SAKSHI SHASHIKANT	68.33	72.8973307		72.8973307
260	GUPTA SHIVAM RAMESH	71	77.5754	70.10078	77.5754
261	JAIN MAYUR NARESH	67.66	75.5450551	63.2129688	75.5450551
262	JAIN NISHANK LALIT	75	78.7873849	58.7898164	78.7873849
263	JAYKUMAR ASHWIN NAYI	51.33	71.8029172	63.7897492	71.8029172
264	KADAM CHIRAG PRAKASH	74	76.4943074	24.4474919	76.4943074
265	KEVIN MILAN THAKKAR	69.5	68.0039706		68.0039706
266	KHAN KAIF KHURRAM	50.67	68.4657413		68.4657413
267	KHATU PARTHAVI PARIMAL	62	80.0678416		80.0678416
268	KUNAL SANDEEP PALANDE	54.17	63.4002446		63.4002446
269	LAMBATE PRATHAMESH SANJAY	56	72.3272298	63.9025795	72.3272298
270	LOTANKAR PRATHAM PRAMOD	50	64.9940968		64.9940968
271	MADOO AMIR ASIM	52	70.5748291		70.5748291
272	MAHADIK Sampada DIPAK	72	70.2716961		70.2716961
273	MAHIMI YASHAB HANIF	71.83	82.8976219	42.3600709	82.8976219
274	MALEGAVE AMBADAS RAMRAO	65	75.0354492	42.2361371	75.0354492
275	MAURYA KARAN TILAKDHARI	61.66	76.9393095	9.7765527	76.9393095
276	MEET NIRMAL BOHRA	56.16	81.7211311		81.7211311
277	MIRZA MAAZ MOAZZAM	66.33	66.5876028		66.5876028
278	MISHRA RUPESH SHESHNATH	55	74.8471113	75.8074167	74.8471113
279	MORE SARTHAK SANJAY	62	76.000326	60.1371142	76.000326
280	MULE VISHNUKANT SANJAY	57.17	72.169513		72.169513
281	MUNDHADA ASHISH RAJESH	59.67	50.9892798	31.5668267	50.9892798
282	NAIK PRATHAMESH PRASHANT	52.33	73.2585596		73.2585596
283	NAINISHA RAMASHISH SHARMA	68.33		49.6417427	49.6417427
284	NAIR ATHUL ANIL	63.33	79.5496711	83.7592344	83.7592344
285	NEHA CHAUDHARY	62.67	14.2604149	28.8380421	14.2604149
286	NIKAM KAUSHAL SANJAY	60.5	71.3654183	56.094761	71.3654183
287	PADYAL CHIRAG SANJAY	72	68.231777	53.9234559	68.231777
288	PALAV NISHANT PANDHARI	54	72.6935089		72.6935089
289	PANCHAL DISHA SURESH	73.33	17.4008617	16.1102326	17.4008617
290	PARAB SAKSHI VITHAL	64.67	70.5545884	30.1895563	70.5545884
291	PATIL AKASH RAMESH	46.33	71.9509242		71.9509242
292	PATIL BHUSHAN RAVINDRA	61.33	73.8594539		73.8594539
293	PATIL LAKSHIT DHANANJAY	44.67	0.4833786	70.0402566	0.4833786
294	PATIL PRANIL MILIND	62.17	76.9393095	47.7413051	76.9393095
295	PATIL RAHUL VIJAY	68	78.0991438	31.580669	78.0991438
296	PATIL SRUSTI VITHAL	60.33	70.2716961		70.2716961



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297	PATIL TEJAS VIJAY	79.81			79.81
298	PHALKE DHANANJAY SHAMRAO	41.16	15.7215545	73.9255885	15.7215545
299	PHATTA DISHA SUBHASH	59.67	59.3186035	57.1673174	59.3186035
300	PINJARKAR SHRUTI NITIN	59.17	54.1568222	39.2155197	54.1568222
301	POYEKAR TANMAY MAHESH	53.66	78.6913723		78.6913723
302	RAI ADARSH ARUN	55.66	66.7871101		66.7871101
303	RAJ DHANANJAY SOLKAR	42	77.3829715		77.3829715
304	RANE HIMANSHU PRAMOD	60.33	70.4657357	16.2220645	70.4657357
305	RAO JAI DEEPAK	74.16	76.3903463		76.3903463
306	RAO MUSKAN RAJARAM	62.33	74.4935023	57.9363384	74.4935023
307	RATANI SNEHI RAJESH	45		64.908509	64.908509
308	RAWAL SANSKRUTI DEEPAK	49.67	50.5264059		50.5264059
309	SACHDEV HITESH VASUDEV	63.67	47.7445862		47.7445862
310	SAHANE TANISHQ ASHOK	61.66	72.3272298		72.3272298
311	SANANSE KANAN SHAILESH	59.66	44.8086964		44.8086964
312	SANIYA NARENDRA DUTTA	74.67	49.5704396		49.5704396
313	SAWANT ANIRUDDHA SATISH	58.67	40.2884024		40.2884024
314	SAWANT RIYA MANGESH	67.83	79.117964	80.4362532	80.4362532
315	SAWANT SAHIL KAMLAKAR	73.17	68.1607041		68.1607041
316	SAWANT SIDDHESH VIJAY	45.67		61.2449702	61.2449702
317	SAWANT SWAPNIL SANTOSH	75.33	80.9447083		80.9447083
318	SHAH JILL SHAILESH	58.83	26.6027561	60.9283224	26.6027561
319	SHARMA POOJA RAMSAJJAN	80.83	77.3719165	72.6632578	77.3719165
320	SHETTY RITVIK PRAVEEN	58.16	78.7232248	15.0095553	78.7232248
321	SHETTY SAHIL CHITHARANJAN	77.5	64.6842939		64.6842939
322	SHINDE ABHISHEK ASHOK	85.83	87.1866295		87.1866295
323	SHINDE MAYUR RAJENDRA	68	78.0382017		78.0382017
324	SHINDE VAISHNAVI SANJAY	61.33	56.6819256	44.3219926	56.6819256
325	SHREYA ANUP MAHAJAN	62	69.4150658		69.4150658
326	SHRIVAS MIHIR DILIPKUMAR	53	76.72738	50.496325	76.72738
327	SINGH AAGYA SANGEEV KUMAR	50.66	76.7055523		76.7055523
328	SINGH ADARSH JAIPRAKASH	60	70.8036549		70.8036549
329	SINGH JAYESH RAJESH	71.83	71.5655226	19.9450358	71.5655226
330	SINGH SURAJ BYASNARAYAN	65.33	67.7028931	32.6665943	67.7028931
331	SUSHANT VISHNU WAGHMARE	46.33	70.2716961		70.2716961
332	SUYASH SUBHASHJADHAV	78			78
333	TAKLE ATHARVA ABHIJIT	50.67	70.0898915	58.9066059	70.0898915
334	TIRLOTKAR JATEEN DEEPAK	79.17	74.3378698	35.6499688	74.3378698
335	UMREDKAR YASH GANESH	57.33	56.4501671		56.4501671



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336	VARUN NIHAAL RAJKUMAR	55.83	32.8632605		32.8632605
337	VIRAMGAMA MANSI NITESHKUMAR	64	70.2987246	44.3219926	70.2987246
338	VIRAMGAMA MAYANK MUKESH	62	83.9184061	44.6527699	83.9184061
339	VISHWAKARMA SAHIL PAPPU	55.67	74.8471113	57.0233901	74.8471113
340	WAINGADE ADITYA SAMBHAJI	70.33	71.3654183	63.4810593	71.3654183
341	WALAVEKAR GANDHARVI UMESH	72	72.1185753	6.6137897	72.1185753
342	YADAV RAHUL KUMAR HEERALAL	86	71.1089781		71.1089781
343	YADAVADE HARSH RAMESH	71	76.3903463		76.3903463
344	KUNDAR ANUJ ANIL	83.66	87.9631628	34.5253796	87.9631628
345	MAHAPATRA SUBHASHISH BIRANCHI	87.83	88.2637824	58.2063894	88.2637824
346	PISE PRATHAM RAMCHANDRA	84.66	86.0053069	71.4109789	86.0053069
347	SATHE ATHARV PRASANNA	83.83	88.0387129	80.9835222	88.0387129
348	YADAV AMAN LALCHAND	71.5	90.5079656		90.5079656
349	YADAV GULSHAN MOHAN	80.66	86.7544428	57.4239924	86.7544428
350	ADHAV GAURAV VASANT	52.67	47.7445862		47.7445862
351	AZHAAN MAHFUZ KHAN	68		69.5203705	69.5203705
352	BISWAS DEEP SUJIT	65.16	63.1562302	77.4655816	77.4655816
353	DHAMI VIKAS DINESH	68	24.0395251		24.0395251
354	DUBEY KIRTI RAKESH	51	51.6583815		51.6583815
355	GUPTA AMAN MANOJ	66.67	46.3475664		46.3475664
356	KAMBLE ANAGHA ARJUN	54.33	7.6407734	66.7783253	7.6407734
357	KARLE NISHANT MILIND	80.66	79.4059745		79.4059745
358	KHANDEKAR SRUSHTI PRABHAKAR	73	71.6902926	51.8105888	71.6902926
359	KULKARNI GARGI DIPAK	66.5	61.3998819	64.5685027	61.3998819
360	KUMBHAR YOGESH UMAKANT	68.67	46.7882164	39.9073588	46.7882164
361	KURMI SANSKAR RAMKALAP	60.33	48.1429399	54.4854936	48.1429399
362	MOHD AWAISH MOHD SALEEM	57		49.6417427	49.6417427
363	PATIL SANIKA RAMDAS	55.66	54.5240027		54.5240027
364	PEDNEKAR RIDDHI VILAS	77.5	68.4043707	33.0320404	68.4043707
365	RAY DHIRAJ SHIVAN	68.33	54.5240027		54.5240027
366	SAPKAL MAYURESH BHIMRAO	50.66	5.8328411	52.8740068	5.8328411
367	SETH SWAYAM SANJAY	68.33	29.4872892	83.2601622	29.4872892
368	SINGH RITESH KUMAR VIRENDRA PRATAP	57.33	15.7215545		15.7215545
369	SINGH VISHESH PANKAJ	74.33	48.7595983		48.7595983
370	SONU KUMAR RAI	58.67	43.5744172	22.7953366	22.7953366
371	SURYAWANSHI ADHIRA LAXMAN	49	51.6583815		51.6583815
372	ANKIT KUMAR	80.67	82.9518606	48.5331918	82.9518606
373	IYER AKHILESH SREENIVASAN	90.5	83.3493105		83.3493105
374	MALBARI SARVESH RAJESH	83.16	92.3440533	51.8402041	92.3440533



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375	ADITYA PRASHANT JADHAV	54	38.3158243	80.2982813	38.3158243
376	ARYAN RANGANATHAN GOPINATH	65.67	69.4606229	18.1818182	69.4606229
377	ATHARV PRADEEP ERANDE	45.33	2.3740591		2.3740591
378	AYUSH GOWARKAR	74.67	49.4727527	46.0804821	49.4727527
379	BHALSING SAHIL SURESH	59	13.4837178	48.6187616	13.4837178
380	CHABUKSWAR RISHIKESH ROHIDAS	69.33	63.5097493	43.6027508	63.5097493
381	CHAVAN KAUSTUBH BAPURAO	50		70.0402566	70.0402566
382	GORAKSHA HRISHIKESH SACHIN	67	93.9827099	63.6788445	93.9827099
383	KADAM PRIYESH PRAKASH	59.83	52.7484058		52.7484058
384	KADAM SIDDHESH KIRAN	77	52.4564184	88.7485673	52.4564184
385	KHAN AFFAN SHAHIDULLAH	60	19.7064537		19.7064537
386	KHARVI VINAY VENKATESH	54	53.3681417	32.6278647	53.3681417
387	MAHAJAN SAKET PRAVIN	53.17	74.9575984	91.8403514	74.9575984
388	MANAL SATEESH ANDHERE	58.33	65.1485718	28.1273826	65.1485718
389	MARKAD ANURAG MAHADEV	56.33	28.1674686	27.4659475	28.1674686
390	MISTRY ADARSH SHAILESH	66.83	37.0602202		37.0602202
391	MORE DURVANK DEEPAK	45.5	41.7486972	39.6393106	39.6393106
392	NISHAD GULAB RAJKUMAR	58.83	32.8632605		32.8632605
393	PANCHAL PRATHAM SURESH	79.5	73.6301086	27.5436573	73.6301086
394	PANDYA VANSH BHAVESH	52.33	42.6018901		42.6018901
395	PATIL KAUSTUBH RAJU	58	57.8190533		57.8190533
396	PATIL PRITAM VIJAY	56	31.1101518	51.8101657	51.8101657
397	PRAGASAM JACKSON JOHN	56.67	48.4998921	70.0402566	48.4998921
398	PRANAV ANIL PATIL	83	14.1672884		14.1672884
399	SALUNKE OM AMOL	61.66	75.9746013	62.7368048	75.9746013
400	SHINDE GAURAV TUKARAM	45.33	37.3840445		37.3840445
401	SINGH HRITHIK TILAKRAJ	54	44.4831302	60.374472	60.374472
402	SOLOMON KEVIN SUSHIL	62.33	44.4831302		44.4831302
403	SUKAPURE PRASAD KAILAS	44.33	56.291216		56.291216
404	TUSHAR CHANDRAKANT LANKE	54.33	12.0256367		12.0256367
405	UPADHYAY RISHI MEHUL	51.16	64.9940968		64.9940968
406	VAGHASIYA DEEP ASHWINBHAI	56.67	52.0094388		52.0094388
407	YELIGETI SIDDHI ANAND	58.33	8.5473775	34.7964512	8.5473775
408	BHASAD TUSHAR VIKRAM	69	81.2970469		81.2970469
409	NAIKARE HARESH SANTOSH	67.5	68.2279301	47.3984733	68.2279301
410	NIPURTE CHIRAG SANTOSH	51.67	45.7914944	72.3311071	45.7914944
411	TANDEL YASH PREMNATH	53	73.4187223		73.4187223
412	WALEKAR OMKAR SANTOSH	79.33	80.818283	51.8105888	80.818283
413	YADAV ASHMIT KUMAR SUBHASH	59.33	43.0561348	47.0339246	43.0561348



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ANNEXURE E

10.15	Infrastructural Information	The College campus is spread over <u>3.93</u> acres of land.																																																																																										
	Classroom / Tutorial Room facilities	<p>Each class room equipped with projection system, Smart Board & Air conditioners</p> <p>No. of departments: 05</p> <p>No. of classrooms: 29</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Sr.No.</th> <th>Room No.</th> <th>Average Carpet Area</th> </tr> </thead> <tbody> <tr><td>1</td><td>101</td><td>83.1662</td></tr> <tr><td>2</td><td>102</td><td>83.1662</td></tr> <tr><td>3</td><td>103</td><td>83.1662</td></tr> <tr><td>4</td><td>104</td><td>82.94</td></tr> <tr><td>5</td><td>201</td><td>83.38</td></tr> <tr><td>6</td><td>202</td><td>83.38</td></tr> <tr><td>7</td><td>203</td><td>82.83</td></tr> <tr><td>8</td><td>204</td><td>82.83</td></tr> <tr><td>9</td><td>205</td><td>82.83</td></tr> <tr><td>10</td><td>206</td><td>83.6</td></tr> <tr><td>11</td><td>207</td><td>85.14</td></tr> <tr><td>12</td><td>209</td><td>83.6</td></tr> <tr><td>13</td><td>210</td><td>83.6</td></tr> <tr><td>14</td><td>211</td><td>84.59</td></tr> <tr><td>15</td><td>212</td><td>83.82</td></tr> <tr><td>16</td><td>401</td><td>83.38</td></tr> <tr><td>17</td><td>402</td><td>82.94</td></tr> <tr><td>18</td><td>404</td><td>66.2324</td></tr> <tr><td>19</td><td>414</td><td>83.6</td></tr> <tr><td>20</td><td>415</td><td>85.14</td></tr> <tr><td>21</td><td>502</td><td>73.338</td></tr> <tr><td>22</td><td>503</td><td>73.2057</td></tr> <tr><td>23</td><td>504</td><td>61.26</td></tr> <tr><td>24</td><td>505</td><td>70.44</td></tr> <tr><td>25</td><td>506</td><td>83.2366</td></tr> <tr><td>26</td><td>507</td><td>59.4</td></tr> <tr><td>27</td><td>508</td><td>59.07</td></tr> <tr><td>28</td><td>509</td><td>63.7506</td></tr> <tr><td>29</td><td>510</td><td>61.1505</td></tr> </tbody> </table>	Sr.No.	Room No.	Average Carpet Area	1	101	83.1662	2	102	83.1662	3	103	83.1662	4	104	82.94	5	201	83.38	6	202	83.38	7	203	82.83	8	204	82.83	9	205	82.83	10	206	83.6	11	207	85.14	12	209	83.6	13	210	83.6	14	211	84.59	15	212	83.82	16	401	83.38	17	402	82.94	18	404	66.2324	19	414	83.6	20	415	85.14	21	502	73.338	22	503	73.2057	23	504	61.26	24	505	70.44	25	506	83.2366	26	507	59.4	27	508	59.07	28	509	63.7506	29	510	61.1505
Sr.No.	Room No.	Average Carpet Area																																																																																										
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		No. of tutorial rooms: 06 <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Sr.No.</th> <th>Room No.</th> <th>Average Carpet Area</th> </tr> </thead> <tbody> <tr><td>1</td><td>218A</td><td>33</td></tr> <tr><td>2</td><td>407A</td><td>40</td></tr> <tr><td>3</td><td>219A</td><td>40</td></tr> <tr><td>4</td><td>217A</td><td>30.016</td></tr> <tr><td>5</td><td>220A</td><td>40</td></tr> <tr><td>6</td><td>217B</td><td>30.016</td></tr> </tbody> </table>	Sr.No.	Room No.	Average Carpet Area	1	218A	33	2	407A	40	3	219A	40	4	217A	30.016	5	220A	40	6	217B	30.016												
Sr.No.	Room No.	Average Carpet Area																																	
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6	217B	30.016																																	
Laboratory details		No. of laboratories in all department: 44 Department wise Laboratory details: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Dept.</th> <th colspan="2">Mechanical</th> </tr> <tr> <th>Sr. No.</th> <th>Name of lab</th> <th>Area (sq. m.)</th> </tr> </thead> <tbody> <tr> <td></td> <td colspan="2" style="text-align: center;">UG</td> </tr> <tr><td>001</td><td>Fluid Mechanics and Machinery Lab</td><td>83.828</td></tr> <tr><td>002</td><td>Theory of Machines Lab</td><td>83.828</td></tr> <tr><td>016</td><td>Production Engineering Lab</td><td>81.205</td></tr> <tr><td>006</td><td>Strength of Materials Lab</td><td>83.6</td></tr> <tr><td>014</td><td>Thermal Engineering Lab</td><td>190.869</td></tr> <tr><td>015</td><td>Automation and Control Lab</td><td>93.87</td></tr> <tr><td>222</td><td>Project Lab</td><td>53.52</td></tr> <tr><td>010</td><td>Machine Shop</td><td>172.5092</td></tr> </tbody> </table>	Dept.	Mechanical		Sr. No.	Name of lab	Area (sq. m.)		UG		001	Fluid Mechanics and Machinery Lab	83.828	002	Theory of Machines Lab	83.828	016	Production Engineering Lab	81.205	006	Strength of Materials Lab	83.6	014	Thermal Engineering Lab	190.869	015	Automation and Control Lab	93.87	222	Project Lab	53.52	010	Machine Shop	172.5092
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Laboratory details	Department wise Laboratory details:		
	Dept.	Civil	
	Room. No.	Name of lab	Area (sq. m.)
		UG	
	004	FLUID MECHANICS	83.6
	005	APPLIED HYDRAULICS	83.6
	007	BUILDING MATERIAL AND CONSTRUCTION	85.14
	105	TRANSPORTATION ENGINEERING	82.94
	106	GEOTECHNICAL ENGINEERING	82.94
	121	ENGINEERING MECHANICS	83.738
	416	APPLIED CHEMISTRY	116.6
	107	ENGINEERING GEOLOGY	82.465
	115	ENVIRONMENTAL ENGINEERING	73.8618
	215	SURVEY STORE	56.916

Laboratory details	Department wise Laboratory details:		
	Dept.	Computer Engineering	
	Room. No.	Name of lab	Area (sq. m.)
		UG	
	310	Web Technologies	82.94
	311	Image Processing & Computer Vision	84.7
	312	High Performance Computing	85.14
	314	Cloud Computing & Virtualization	101.99
	315	Software Testing & Project	61.07
	316	AI & Machine Learning	82.72
	406	Programming Lab	120
	411	Hardware & Networking	70



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Laboratory details	Department wise Laboratory details:		
	Dept.	Information Technology	
	Sr. No.	Name of lab	Area (sq. m.)
	301	OPERATING SYSTEM DESIGN	83.71
	302	NETWORK DESIGN & ANALYSIS	82.94
	303	SOFTWARE DEVELOPMENT & OPERATIONS	82.94
	308	STRUCTURED & OBJECT-ORIENTED PROGRAMMING	83.44
	309	ALGORITHMS & COMPLEXITY THEORY	82.94
	313	SYSTEM & NETWORK SECURITY	78.65
	405	DATA SCIENCE & ANALYTICS	113.0584
	317	OPEN-SOURCE TECHNOLOGIES	122.32

Laboratory details	Department wise Laboratory details:		
	Dept.	Electronics & Telecommunication	
	Sr. No.	Name of lab	Area (sq. m.)
	418	Electrical Engineering Lab	77.66
	422	Digital Electronics and Microcomputer Lab	81.29
	421	Electronic Circuit Lab	82.94
	403	Electronic Instrumentation Lab	81.29
	419	PCB and Project Lab	84.59
	413	Communication Engineering Lab	82.94
	412	Microwave Engineering and Radio frequency Lab	82.83

Workshop	Room Type	Room No.	Average Carpet Area
	Workshop	003	207.4475



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Drawing Hall	Drawing Hall								
	Sr.No.	Room Type	Room No.						
	1	Drawing Hall	119A						
	2	Drawing Hall	119B						
Computer centre facilities	• Available –								
	Room Type	Room No.	Average Carpet Area						
Central Examination Facility	• 114								
Online examination Facility (Number of Nodes, Internet bandwidth)	• 690 • 132Mbps								
Library facilities Academic Year 2019 - 2020	Build up Area	574 Sq. M							
	Reading hall capacity	250							
	Total no. of books	22351							
	Titles of various current as well as syllabus-based books	3212							
	National journals	55							
	Number of computers	100							
	E-books titles	163							
	<p>News Paper: 08</p> <p>* We also subscribed E-Books on perpetual access through:-</p> <p>1) Pearson India Education Pvt. Ltd. (Pearson e-Library: 53 Titles)</p> <p>2) McGraw-Hill Education India Pvt. Ltd. (Express Library: 110 Titles)</p> <p>* We also Institutional Registered member of: - National Digital Library of India (NDL) Sponsored by MHRD.</p> <table border="1" style="width: 100%;"> <tr> <td style="text-align: center;">E-Resources</td> <td style="text-align: center;">Link</td> </tr> <tr> <td>McGraw hill Express Library:</td> <td>http://mcgrawhilleducation.pdn.ipublishcentral.com/</td> </tr> <tr> <td>PEARSON EDUCATION INDIA LTD. e-BOOKS</td> <td>https://digital-library.pearson-intl.com/</td> </tr> </table>				E-Resources	Link	McGraw hill Express Library:	http://mcgrawhilleducation.pdn.ipublishcentral.com/	PEARSON EDUCATION INDIA LTD. e-BOOKS
E-Resources	Link								
McGraw hill Express Library:	http://mcgrawhilleducation.pdn.ipublishcentral.com/								
PEARSON EDUCATION INDIA LTD. e-BOOKS	https://digital-library.pearson-intl.com/								



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	NATIONAL DIGITAL LIBRARY OF INDIA	https://digital-library.pearson-intl.com/
	NPTEL:Courses:	https://nptel.ac.in/course.html
	Koha LIBRARY MANAGEMENT SYSTEM WEB OPAC(online public access catalog)	https://ndl.iitkgp.ac.in/

Auditorium / Seminar Halls / Amphi	<ul style="list-style-type: none"> Air-conditioned Auditorium hall of capacity of 568 Sq.Mt equipped with Audio Video System. 										
		<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 10%;">Sr.No.</th> <th style="width: 15%;">Room No.</th> <th style="width: 75%;">Average Carpet Area</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">112</td> <td style="text-align: center;">239.798</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">8</td> <td style="text-align: center;">327.841</td> </tr> </tbody> </table>	Sr.No.	Room No.	Average Carpet Area	1	112	239.798	2	8	327.841
Sr.No.	Room No.	Average Carpet Area									
1	112	239.798									
2	8	327.841									

Cafeteria	Available with Area of 155.88 Sq.mt	
Indoor Sports facilities	Well-developed health centre, Table tennis court, badminton hall, Carom hall.	

Facilities for disabled	Lift facility and slope stair cases at appropriate places	
Any other facilities	Covered Parking, first aid and medical facility, transportation, RO water supply, Power generation, banking, CCTV security, etc.	

10.15 List of Major Equipment/Facilities in each Laboratory/ Workshop

Details of Major Equipments available in each department webpage.

<https://www.apsit.edu.in/departments>

CIVIL Engineering

<https://www.apsit.edu.in/civil-laboratory>



Computer Engineering

<https://www.apsit.edu.in/computer-laboratory>

Information Technology

<https://www.apsit.edu.in/information-laboratory>

EXTC

<https://www.apsit.edu.in/electronicandtelecom-laboratory>

Mechanical Engineering:

<https://www.apsit.edu.in/mechanical-laboratory>

10.15

List of Experimental Setup in each Laboratory/ Workshop

Civil Engineering

1) ENVIRONMENTAL ENGINEERING LABORATORY DETAILS

List of equipment's available in Laboratory

Sr. No.	Name of Equipment
1.	pH meter
2.	Turbidity meter
3.	Flocculator (Jar Test Apparatus)
4.	Digital Oxygen meter
5.	COD Digester
6.	BOD Incubator
7.	TDS meter (digital)
8.	Oven



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9.	Weigh Balance
10.	Sound Level Meter
11.	High Volume Sampler
12.	Magnetic Stirrer
13	Muffle Furnace
14	Vacuum Instrument, Membrane Filtration
15	Weighing Balance

List of experiments

Sr.No	Name of Experiment
1.	Determination of pH of water.
2.	Determination of Alkalinity of water.
3.	Determination of Hardness of water.
4.	Determination of Turbidity of water.
5.	Determination of Optimum dose of coagulant by using Jar Test Apparatus.
6.	Determination of Dissolved Oxygen of Water.
7.	Determination of Residual chlorine in water.
8.	Determination of chlorides in water.
9.	Most Probable Number.
10.	High Volume Sampler.
11	Determination of Level Equivalent of Noise.
12	Determination of pH of sewage.
13	Determination of Chlorides.



14	Determination of Total Solids, suspended solids, dissolved solids, volatile solids.
15	Determination of Oil and Grease in waste water.
16	Determination of Dissolved oxygen.
17	Determination of Bio Chemical Oxygen Demand of sewage sample.
18	Determination of Chemical Oxygen Demand of sewage sample.
19	To find Sludge Volume Index (SVI) of sewage sample.
20	Plumbing demonstration of accessories, fittings and fixtures.
21	Solid waste: Determination of pH.
22	Solid waste: Determination of moisture content.

2) SURVEY STORES DETAILS

List of equipment's available in Laboratory

Sr. No.	Name of Equipment
1	LYNX Measuring Chain
2.	LYNX Prismatic Compass
3.	LYNX Prismatic Compass
4.	LYNX Surveyor Compass
5.	LYNX Auto Level with Aluminium Stand
6.	LYNX Standard Vernier Theodolite with Case and Aluminium stand
7.	LYNX levelling staff
8.	LYNX Plane table with stand and other accessories
9.	LYNX Cross staff aluminium



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10.	LYNX Cross staff brass
11.	LYNX Ranging rod steel
12.	LYNX Ranging rod steel
13	Optical Squares
14	Theodolite (Transit)
15	Magnetic Prismatic compass with aluminium telescopic stand
16	Dumpy Level with aluminium telescopic stand
17	Cross staff with stand open type aluminium
18	Metallic chain
19	Plumb bob
20	Mechanical planimeter
21	Levelling staff
22	Pegs
23	Hammer
24	Tilting Level with aluminium telescopic stand
25	Plane table with accessories
26	LYNX Auto level
27	LYNX Aluminium telescopic stand
28	LYNX Plane table with accessories
29	Standard vernier theodolite with wooden case
30	Dumpy level with stand
31	Tilting level with stand



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32	Theodolite vernier lynx with stand
33	Levelling staff aluminium folding
34	Ranging rod steel
35	Total station pentax with single prism & pole
36	Freemans grey magic fibre glass tape
37	Measuring chain(20m)
38	Measuring chain(30m)
39	Cross staff with stand open type brass
40	M100 PENTAX handheld distance meter
41	CHC HANDHELD GPS
42	Aluminium staff
43	PENTAX auto level
44	French cross staff
45	Cross staff brass
46	Placom digital planimeter
47	PENTAX Total station



List of experiments

Sr. No	Name of Experiment
1.	Chain and cross staff surveying.
2.	Measuring bearings of a closed traverse with prismatic compass and computation of interior angles.
3.	Simple and compound levelling
4.	Measurement of horizontal and vertical angles
5.	Finding constants, heights and distances using tachometry.
6.	Measurement of distances, bearings and area using total station.
7.	Plane Table Surveying by intersection method
8.	Find an area of irregular figure using a conventional planimeter and verify it using a digital planimeter
9.	Setting out a simple curve by Rankine's method.
10.	Setting out a simple foundation plan
11	Project I: Road project using Auto level for a minimum length of 500 m including fixing of alignment, profile levelling, cross-sectioning at 20m interval,, plotting of 'L' section and 'C' section. (Two full imperial sheets, the first sheet with key plan and 'L' section and the second sheet covering any three typical Cross-sections)
12	Project II: Block Contouring project using Auto level for minimum 60 m × 60 m area and generating contours by MS Excel. (Take contour interval as 0.2 meter)
13	Project III: Tachometric contouring project on a hilly area with at least two instrument stations about 60 m to 100 m apart and generating contours by taking contour intervals as 1 meter.



3) FLUID MECHANICS LABORATORY DETAILS

List of equipment's available in Laboratory

Sr. No.	Name of Equipment
1.	Metacentric height by Ship model
2.	Bernoulli's apparatus
3.	Pipe friction (major losses)
4.	Venturimeter and Orificemeter
5.	Minor losses in pipe Hydraulic test setup B: Impact of jet, Rotameter, Notches (triangular & rectangular), orifice
6.	Nozzle meter apparatus
7.	Reynold's apparatus
8.	Viscosity apparatus (capillary viscometer)
9.	Turbulent flow apparatus
10.	Flowmeter apparatus
11.	Water Hammer setup
12.	Flow measurement apparatus

List of experiments

Sr. No	Name of Experiment
1.	Metacentric Height of Ship Model
2.	Bernoulli's Theorem
3.	Coefficient of Discharge of Venturimeter
4.	Coefficient of discharge for Orificemeter



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5.	Coefficient of discharge for Rectangular notch
6.	Coefficient of discharge for Triangular notch
7.	Hydraulic Coefficients of Orifice
8.	Coefficient of Discharge of Nozzle meter
9.	Reynold's Experiment
10.	Determination of Viscosity of fluid
11	Friction loss through Pipes
12	Minor losses through Pipes
13	Laminar flow through pipes
14	Turbulent flow through pipe
15	Water Hammer phenomenon

4) TRANSPORTATION ENGINEERING LABORATORY DETAILS

List of equipment's available in Laboratory

Sr. No.	Name of Equipment
1.	Los Angel's Abrasion Value Testing Machine
2.	Aggregate Impact Testing Machine
3.	Thickness Gauge
4.	Weighing Balance (50kg)
5.	Length Gauge
6.	Penetrometer
7.	Thermometer
8.	Ductility Testing Machine



9.	Ring and Ball Apparatus
10.	IS Sieves
11.	Marshall Stability Testing Machine
12.	Water Bath
13.	Stop Watch

List of experiments

Sr. No	Name of Experiment
1.	Impact test on aggregates
2.	Abrasion test on aggregates
3.	Crushing test on aggregates
4.	Shape test on aggregates
5.	Soundness test
6.	Polished stone value test
7.	Stripping value or bitumen adhesion test (water sensitivity)
8.	Penetration test on bitumen
9.	Ductility test on bitumen
10.	Softening point test on bitumen
11	Viscosity test on bitumen
12	Flash point and fire point test on bitumen
13	Marshall stability test on the bituminous mix
14	CBR test on subgrade soil material (Laboratory or Field)
15	Plate bearing test on subgrade soil



5) ENGINEERING MECHANICS LABORATORY DETAILS

List of equipment's available in Laboratory

Sr. No.	Name of Equipment
1.	Simple pendulum
2.	Compound pendulum
3.	Beam reaction equipment
4.	Bell crank equipment
5.	Friction equipment
6.	Curved channel apparatus
7.	Polygon law of forces equipment
8.	Universal force table
9.	Centroid apparatus

List of experiments

Sr. No	Name of Experiment
1.	Coefficient of restitution
2.	Beam reaction
3.	Bell crank lever
4.	Friction
5.	Polygon law of forces
6.	Centroid
7.	Simple pendulum
8.	Projectile motion



6) BUILDING MATERIAL AND CONCRETE TECHNOLOGY LABORATORY

List of equipment's available in Laboratory

Sr. No.	Name of Equipment
1.	Tile Abrasion Testing Machine
2.	G.I. Enamel Trays (12"x10")
3.	G.I. Enamel Trays (18"x 15")
4.	20cm, Brass Sieves
5.	30cm, GI Sieves
6.	Laboratory Oven
7.	Le Chatelier's Mould Set (L&M Pvt. Ltd)
8.	Vicat's Needle Apparatus (L&M Pvt. Ltd)
9.	Cement Autoclave
10.	Vicat Needle Apparatus (Allied Sales & Services)
11.	Le Chatelier's Mould Set (Allied Sales & Services)
13.	Sieve Shaker gyratory
14.	200T Compression Testing Machine (L&M Pvt. Ltd)
15.	Compacting Factor Apparatus
16.	Vee Bee Consistometer
17.	Flexure Testing Machine
18.	Blaine's Air Permeability Apparatus (L&M Pvt. Ltd)
19.	Blaine's Air Permeability Apparatus (Allied Sales & Services)
20.	Slump Test Apparatus
21.	Cube Moulds 70.7 mm (L&M Pvt. Ltd)



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22.	Cube Moulds 150 mm C.I. (L&M Pvt. Ltd)
23.	Cube Moulds 150 mm (Allied Sales & Services)
24.	Cube Moulds 70.7 mm (Allied Sales & Services)
25.	Flow Table Hand Operated
26.	Beam Moulds
27.	Cylindrical Moulds
28.	Electronic weight balance
29.	Gauging Trowel
30.	Tray (1mx1m)
31.	Vibrating Machine
32.	Brass Sieves 200mm dia
33.	Pychnometer Bottle
34.	James Manual Test Hammer

List of experiments

Sr. No	Name of Experiment
1.	Physical Properties of Cement
2.	Water absorption and Compressive Strength test of bricks
3.	Water absorption and transverse load test of bricks
4.	Effect of w/c ratio on workability
5.	Effect of w/c ratio on strength of concrete
6.	Study of admixtures and their effect on workability and strength of concrete
7.	Non destructive testing of concrete
8.	Mix Design in laboratory



7) ENGINEERING GEOLOGY LABORATORY DETAILS

List of equipment's available in Laboratory

Sr. No.	Name of Equipment
1.	Mineral Specimens
2.	Rock Specimens
3.	Structural Geology models
4.	Hardness Collection set
5.	Lusture and Cleavage collection set
6.	Fracture and Tenacity Set
7.	Specific gravity set
8.	Streak Collection set
9.	Feel properties test

List of experiments

Sr. No	Name of Experiment
1.	To identify various minerals with the help of their own physical properties
2.	Study of common rock forming minerals
3.	Study of igneous plutonic rocks
4.	Study of igneous hypabyssal and volcanic rocks
5.	Study of sedimentary rocks
6.	Study of metamorphic rocks
7.	Study of geological maps



8) GEOTECHNICAL ENGINEERING LABORATORY DETAILS

List of equipment's available in Laboratory

Sr. No.	Name of Equipment
1.	Specific gravity test-Pycnometers and density bottles
2.	Hydrometer with high-speed stirrer
3.	Cone penetrometer
4.	Core cutter with dolly
5.	Sieve shaker with sieves
6.	Electrical balances
7.	Liquid limit apparatus
8.	Proctor compaction test apparatus
9.	Shrinkage limit test
10.	Triaxial Apparatus (with Pore water pressure apparatus and self-compensating constant pressure apparatus)
11.	Vane shear apparatus
12.	Permeability test apparatus
13.	CBR test-Moulds and attachments
14.	Oven
15.	Direct Shear apparatus
16.	Sand replacement method apparatus
17.	Consolidation test apparatus
18.	Unconfined compression test-Attachments
19.	Proving Rings



20.	Rammer
21.	Glass Desiccator

List of experiments

Sr. No	Name of Experiment
1.	Determination of natural moisture content using oven drying method
2.	Determination of specific gravity of soil grains by density bottle or pycnometer method
3.	Determination of field density and dry unit weight by core cutter method
4.	Determination of grain size distribution by sieving
5.	Determination of liquid limit of soil
6.	Determination of plastic limit of soil
7.	Determination of shrinkage factors of soil
8.	Determination of permeability by constant head test
9.	Determination of permeability by falling head test
10.	Determination of compaction properties of soil
11	Determination of strength of soft clays from vane shear test
12	Determination of shear parameters from direct shear test
13	Determination of cohesion from unconfined compression test
14	Determination of shear parameters from unconsolidated undrained tri-axial compression test
15	Determination of Pre-consolidation pressure coefficient of consolidation from one dimensional consolidation test



9) HYDRAULIC ENGINEERING LABORATORY DETAILS

List of equipment's available in Laboratory

Sr. No.	Name of Equipment
1.	Francis Turbine
2.	Pelton Wheel Turbine
3.	Centrifugal Pump
4.	Digital Tachometer
5.	Hydraulic Tilting Flume

List of experiments

Sr. No	Name of Experiment
1.	Impact of jet on flat plate/inclined plate/curved plate
2.	Performance of Pelton wheel- full gate opening
3.	Performance of Centrifugal pumps
4.	Performance of Francis turbine
5.	Determination of Chezy's roughness factor
6.	Study of hydraulic jump and its characteristics
7.	Calibration of Venturi-flume

10) COMPUTATIONAL LABORATORY DETAIL

List of equipment's available in Laboratory: Software available under Bentley Academic

Sr. No.	Name of Software	
1.	Modeling and Visualization	MicroStation, MicroStation PowerDraft
2.	Reality Modeling	ContextCapture, Bentley LumenRT, Bentley Descartes On-campus use only: Bentley Pointools



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3.	Building Design & Analysis	AECOSim Building Designer, AECOSim Energy Simulator, GenerativeComponents, Hevacomp Mechanical Designer, Hevacomp Electrical Designer, Hevacomp Dynamic Simulation
4.	Civil Design	OpenRoads (InRoads, GEOPAK, and MXROAD suites, and ConceptStation), Power GEOPAK, Power InRoads, PowerCivil for “Country”, Bentley Rail Track, Power Rail Track, Power Rail Overhead Line, gINT Professional. Brazil only: Bentley topoGRAPH
5.	Bridge Analysis	LEAP Bridge Concrete, LEAP Bridge Steel. On-campus use only: RM Bridge Advanced
6.	Structural Analysis & Design	STAAD.Pro, STAAD Foundation Advanced, RAM Structural System, RAM Elements, RAM Concept, RAM Connection, ProStructures, Microstran
7.	Hydraulics & Hydrology	WaterGEMS, WaterCAD, SewerGEMS, SewerCAD, HAMMER, CivilStorm, StormCAD, PondPack, CulvertMaster, FlowMaster
8.	Offshore Structural Analysis	MAXSURF Enterprise On-campus use only: SACS Marine Enterprise, SACS Offshore Structure Enterprise, MOSES Advanced
9.	Mine Design	MineCycle Designer, MineCycle Survey, MineCycle Material Handling
10.	Plant Design	OpenPlant PID, OpenPlant Modeler, OpenPlant Isometrics Manager, AutoPLANT Modeler, AutoPIPE
11.	Project Delivery, and infrastructure Asset Performance	Bentley Map Enterprise, Bentley Navigator



Mechanical Engineering Department: List of Lab Equipment

Laboratory: 1. Fluid Mechanics and Machinery Lab	
Sr. No.	Name of Instrument
1	LANCASHIRE BOILER MODEL
2	CORNISH BOILER MODEL
3	BABCOCK AND WILCOX BOILER MODEL
4	LOCOMOTIVE BOILER MODEL
5	LAMOUNT BOILER MODEL
6	BENSON BOILER MODEL
7	LEVER SAFETY VALVE MODEL
8	SPRING LOADED SAFETY VALVE MODEL
9	DEAD WEIGHT SAFETY VALVE MODEL
10	COMBINED HIGH STEAM AND LOW WATER SAFETY VALVE MODEL
11	WATER GAUGE MODEL
12	HOPKINSON TYPE STOP VALVE MODEL
13	FEED CHECK VALVE MODEL
14	STEAM INJECTOR MODEL
15	PRESSURE GAUGE MODEL(0-7 KG/CM ²)
16	PRESSURE GAUGE MODEL(0-3.5 KG/CM ²)
17	BLOW OFF COCK MODEL
18	REDUCING VALVE MODEL
19	FUSIBLE PLUG MODEL
20	ANTI PRIMING PIPE MODEL
21	EXPANSION STEAM TRAP MODEL
22	FLOAT STEAM TRAP MODEL
23	GREEN ECONOMISER MODEL
24	SUDGEN SUPERHEATER MODEL
25	GAS TURBINE(TURBO JET ENGINE) MODEL
26	Pelton wheel Test rig
27	Francis Turbine Test Rig
28	Centrifugal Pump Rest rig
29	Cavitation Test rig
30	Centrifugal Pump in parallel and series operation Rest rig
31	Reciprocating pump Test rig
32	Fluid mechanics Test bench
Laboratory: 2 Theory of Machines Lab	



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Sr. No.	Name of Instrument
1	Experimental setup for governors
2	Motorized Gyroscope Test rig
3	Torsion Brake Dynamometer
4	Multiple plate clutch
5	Centrifugal clutch
6	Plate clutch
7	Conical friction clutch
8	Claw clutch
9	Internal expanding brake
10	Band and block brake
11	Disc brake
12	Four bar link mechanism
13	Reciprocating engine mechanism
14	Whitworth quick return mechanism
15	Crankshaft slide mechanism
16	Watts mechanism
17	Oscillating cylinder mechanism
18	Scotch yoke mechanism
19	Pantograph mechanism
20	Pawl ratchet motion mechanism
21	Roller bearing
22	Taper bearing
23	Plummer block
24	Footstep bearing
25	Open truck bearing
26	Bush bearing
27	Ball bearing
28	Thrust bearing
29	Cylindrical cam with translating follower
30	Tangent cam with roller oscillating follower
31	Translating cam with reciprocating knife edge follower
32	End cam with translating follower
33	Gear set
34	Gear box
35	Oldham coupling
36	Chain drive
37	Geneva drive
38	Kinematic pair
39	Flexible coupling



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40	Simple bearing
41	Flanged coupling
42	Plate cam with flat-faced reciprocating follower
43	Pulley-1 (Rope pulley)
44	Pulley-2 (V-belt pulley)
45	Pulley-3 (Flat belt pulley)
46	Pulley-4 (Cone pulley)
47	Box or muff coupling
48	Universal coupling
49	Hook's coupling

Laboratory: 3. Production Engineering Lab

Sr. No.	Name of Instrument
1	Profile Projector
2	Tool Makers Microscope
3	Magnifying Glass
4	Granite Surface Plate
5	Granite Surface Plate
6	Parkinson's Gear Tester
7	Floating Carriage with Dial
8	Monochromatic Light Unit
9	Autocolimator
10	Combination Set
11	Vernier Height gauge
12	Vernier Height gauge
13	Dial Snap gauge
14	Angle gauge set
15	Sine bar
16	Sine bar
17	Wire gauge
18	Micrometer
19	Lever type Dial Gauge
20	Dial Gauge
21	Dial Gauge
22	Digital micrometer
23	Depth Gauge
24	V-Block with clamp
25	Screw Thread micrometer
26	Screw Thread micrometer



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27	Slip Gauge Set
28	Angle Dekker
29	Universal Bevel Protactor
30	Vernier Caliper Digital
31	Vernier Caliper
32	Vernier Caliper
33	Tooth thickness Vernier
34	Inside Micrometer
35	Outside Caliper
36	Inside caliper
37	Radius gauge
38	Thread Gauge
39	Thread Gauge Withworth
40	Feeler Gauge
41	Surface Roughness tester
42	Micrometer Stand
43	Magnetic base
44	Trinocular metallurgical microscope
45	Trinocular metallurgical microscope
46	Jominy end quench hardness test apparatus (Fixutre+ tonge)[cost of furnace included]
47	Metallographic sample preparation belt grinder
48	Double disc polishing machine
49	Abrasiv cut off machine
50	Furnace
51	Crucible
52	Dryer
53	Dessicator
54	Panasonic colour TV
55	Microstructure set (large)
56	Microstructure set (small)
57	Simple microscope
58	Specimen leveller
59	Microscope accessories
60	15X eyepiece
61	100X oil immersion objective
62	Micrometer eyepiece
63	Grain size measurement eyepiece
64	Fatigue testing machine
65	Die set



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Laboratory: 4. Strength of Materials Lab	
Sr. No.	Name of Instrument
1	Universal Testing Machine
2	Torsion Testing Machine
3	Charpy Impact Test
4	Izod Impact Test

Laboratory: 5. Thermal Engineering Lab	
Sr. No.	Name of Instrument
1	THERMAL CONDUCTIVITY DETERMINATION APPARATUS FOR METAL ROD
2	THERMAL CONDUCTIVITY DETERMINATION APPARATUS FOR INSULATING POWDER
3	CONDUCTION THROUGH COMPOSITE WALL APPARATUS
4	EXPERIMENTAL SETUP FOR FORCED CONVECTION
5	PIN FIN APPARATUS
6	EXPERIMENTAL SETUP FOR FORCED CONVECTION
7	STEFAN-BOLTZMAN APPARATUS
8	EXPERIMENTAL SETUP OF PARALLEL AND COUNTER FLOW HEAT EXCHANGER
9	EXPERIMENTAL SETUP OF SHELL AND TUBE HEAT EXCHANGER
10	EXPERIMENTAL SETUP OF HEAT TRANSFER THROUGH CONDENSATION
11	Single-cylinder 4S Diesel Engine test Rig
12	Multi-cylinder 4S Petrol Engine test Rig
13	Computerized 4S 4 Cylinder petrol test rig with DC Generator
14	Automobile Emission Analyzer
15	Model of 4S Diesel engine (cut section)
16	Model of gear box (cut section)

Laboratory: 6. Automation and Control Lab	
Sr. No.	Name of Instrument
1	Pneumatic servo system with air compressor
2	Pneumatic circuit trainer cum demonstrator
3	PLC based pneumatic trainer with air compressor



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4	PLC based hydraulic trainer
5	Flapper nozzle system
6	Robot arm demonstrating unit
7	Pressure calibration setup
8	Speed measurement setup
9	Torque measurement (by using strain gauge apparatus)
10	Linear variable differential transformer (LVDT)
11	Vibrometer setup (Dial gauge, vibrometer, magnetic base)
12	Temperature measurement apparatus
13	Thermometers
14	Flow control trainer
15	Level control trainer
16	Temperature control trainer
17	PLC based rotary bottle filling plant
18	PLC based lift simulator module
19	Hot Wire Anemometer
20	Tachometer
21	Digital Multimeter
22	Sensor kit

Laboratory: 7 Project Lab	
Sr. No.	Name of Instrument
1	Work Tables

Laboratory: 8 Machine Shop	
Sr. No.	Name of Instrument
1	Precision Lathe machine
2	Pillar type Drilling Machine
3	Centreless grinding Machine
4	Horizontal spindle Surface Grinding Machine
5	Hydraulic Hacksaw machine 14"



ELECTRONICS & TELECOMMUNICATION LIST OF EQUIPMENTS

Sr. No.	Lab No.	Lab name	List of Equipment
1	418	Electrical Engineering Lab	Dual Trace Digital oscilloscope, Dual Trace CRO, Function generator, Power supply, Digital Multimeter, Experiment kits on understanding network theorems, electrical safety demonstrator, AC motor, AC speed control.
2	422	Digital Electronics and Microcomputer Lab	Trainer kits on 8086 microprocessor, 8051, microcontroller, ADC, DAC, 8253, 8254, 8255, power supply SMPS, PSU Keyboard, ARM7 kit, digital circuit development platform, kits on Shift register, 4 bit ripple counter, 4 bit binary counter, Module N programmable counter, Digital IC tester, regulated Dc power supply, Function generator, Laptop
3	421	Electronic Circuit Lab	Dual Trace Digital oscilloscope, Dual Trace CRO, Function generator, Power supply, Digital Multimeter
4	403	Electronic Instrumentation Lab	Digital Storage oscilloscope, Instrumentation amplifier, Spectrum analyzer, Measurement Kits using Pressure transducer, Measurement Kits using LDR, Measurement kits using RTD, measurement kits using strain gauge.
5	419	PCB and Project Lab	Photo contact PCB artwork film maker, Photo cure PCB curing machine, photo resist Dip coating machine, UV exposure unit, PCB etching machine, PCB shearing machine, Roller Tinning machine, PCB drilling machine, Colour Television Trainer kit, Sprint Layout 6.0 PCB Design Software
6	413	Communication Engineering Lab	Educational trainer Kits on amplitude modulation, frequency modulation, PAM, PWM, PPM, Data conditioning & carrier modulation, Time division multiplexing & demultiplexing, DPCM, Delta/Sigma/Adaptive delta modulation, Pulse code modulation and demodulation, ADPCM, Dual Trace Digital oscilloscope, Dual Trace CRO, Function generator, Power supply, Digital Multimeter



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7	412	Microwave Engineering and Radio frequency Lab	Dual Trace Digital oscilloscope, Function generator, Antenna measurement system with 20 sets of antennas, KLYSTRON MOUNT WITH KLYSTRON TUBE, KLYSTRON POWER SUPPLY, VSWR METER, GUNN POWER SUPPLY, GUNN OSCILLATOR, DETECTOR MOUNT, FREQUENCY METER, SLOTTED LINE, VARIABLE ATTENUATOR, ISOLATOR, PIN MODULATOR, WAVEGUIDE STANDS, FIBER OPTIC ANALOG AND DIGITAL LINK WITH POWER SUPPLY, STAND FOR NA AND 1 METER AND 3 METER FIBER, CONNECTING CHORDS, digital multimeter, satellite kits
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Subject: Electronic Devices and Circuits-I
 Name of Faculty: Mr. Prashant L. Ahire

Class/Sem: SE-EXTC /III
 Department: EXTC

AY-2019-20

LIST OF EXPERIMENTS

Expt. No.	Experiment
1	Introduction to laboratory equipments.
2	To study V-I characteristics of pn junction diode. (Hardware as well as MultiSim).
3	To study full-wave rectifier with capacitor filter using MultiSim.
4	To study voltage divide bias method for BJT. (Hardware as well as MultiSim).
5	To study CE amplifier (Hardware as well as MultiSim).
6	To study Frequency response of CE amplifier. (Hardware as well as MultiSim).
7	To study CS amplifier (Hardware as well as MultiSim).
8	To study Frequency response of CS amplifier using MultiSim.



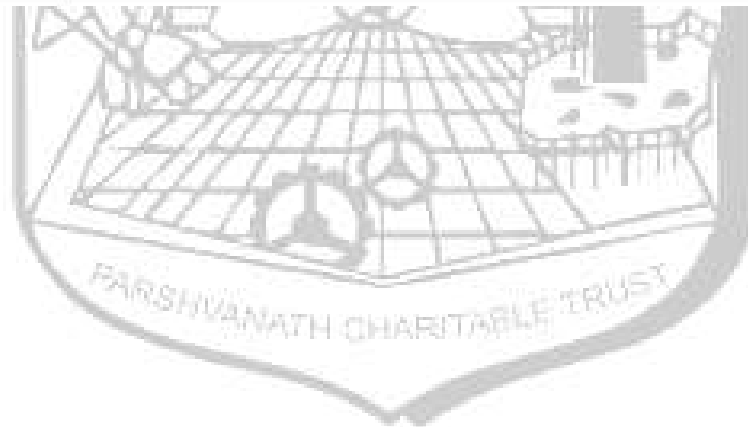
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Subject: Digital System Design
Name of Faculty: Ms. Sonia Aneesh

Class/Sem: SE-EXTC /III
Department: EXTC

LIST OF EXPERIMENTS

Expt. No.	Name of the experiment
1	Verification of different logic gates
2	Implementation of EXOR and EXNOR using Universal Gates
3	Design adder and subtractor
4	Design binary to Gray code converter
5	Verify the operation of flip flop
6	Verification of counters
7	4 bit binary ripple counter using Multisim
8	Serial In serial Out Shift register using Multisim
9	VHDL simulation code for 4:1 MUX.





List of Experiments

Subject: OOP using JAVA laboratory

Class/Sem / Batch: S.E III /All Batches

Name of Faculty: Ms Merlin Jacob

Department:EXTC

Sr.No	Practical Topic Planned
1.	To study programs using command line arguments. CO1
2.	To study simple java programs CO1
3.	To study different operators and different ways of reading input from user. CO1
4.	To study the concepts of arrays. CO1
5.	To study the concepts of object oriented programming. CO2
6.	To study the concept of strings. CO1
7.	To study the concept of constructors. CO2
8.	To study the concept of interfaces. CO3
9.	To study utility packages. CO3
10.	To study the concept of inheritance. CO1
11.	To study the concept of exception handling in java. CO3
12.	To study the concept of multi threading in java. CO3
13.	To study graphics using applet. CO3
14.	To draw flowchart for Quadratic Equation using Dia CO4
15.	To draw UML Class Diagram for Banking Application using Dia CO4

SE-EXTC EVEN SEMESTER



Subject: Electronic Devices & Circuits-II
Name of Faculty: Ms. Sonia Aneesh

Class/Sem: SE-EXTC /IV
Department: EXTC

LIST OF EXPERIMENTS

Expt. No.	Name of the experiment
1	Frequency Response of Two stage BJT cascade amplifier
2	Frequency Response of Darlington amplifier
3	Frequency Response of CS-CS Multistage FET amplifier
4	Analysis of Current Series Feedback amplifier
5	Analysis of Voltage Series Feedback amplifier
6	Design and Analysis of RC Phase shift Oscillator
7	Design and Analysis of Colpitts Oscillator
8	Class AB power amplifier

Subject: Linear Integrated Circuits

Class/Sem: SE-EXTC / IV

Name of Faculty: Prof. M. M. Samant.

Department: EXTC

LIST OF EXPERIMENTS

Expt. No.	Name of the experiment
1.	Inverting and Non inverting amplifier
2.	Summing and difference amplifier
3.	Differentiator and Integrator
4.	RC phase shift Oscillator
5.	Wien bridge Oscillator
6.	Notch Filter using OP-amp (Multisim only)
7.	Astable multivibrator using IC 555



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8.	FM signal generation using IC 566
9.	Fixed Voltage Regulator using IC 7805 and 7905
10.	Mini project based on any topic of syllabus

Subject: Principles of Communication Engineering **Class/Sem:** SE-EXTC /IV

LIST OF EXPERIMENTS

Expt. No.	Experiment
1.	To study Amplitude Modulation Generation and Detection
2.	To study DSB-SC AM Modulation and Demodulation
3.	To study Frequency Modulation Generation and Detection
4.	To study Generation of PAM signals and verify the sampling theorem
5.	To study Generation of PWM and PPM
6.	To study To study TDM
7.	To generate AM using Matlab
8.	To generate FM using Matlab
9.	To generate PAM using MATLAB Simulink.

TE EXTC ODD SEMESTER



COURSE NAME: ECC501 Microprocessors & Peripherals Interfacing
Class: TE EXTC

List of Experiments

Sr. No	Name of Experiments	CO
1	Develop an Assembly Language Program to perform addition, Subtraction, multiplication and division operation of 8 bit numbers using various addressing modes.	CO3
2	Develop an Assembly Language program to perform Addition and Subtraction of two 32bits numbers.	CO3
3	Develop an Assembly Language program to find smallest and largest number from given array.	CO3
4	Develop an assembly language program to sort given set of 8 bit numbers in ascending and descending order.	CO3
5	Develop an Assembly Language program to transfer block of data from data segment to extra segment using String instructions.	CO3
6	Develop an Assembly Language program to read two strings from the keyboard and check whether they are equal or not. Display appropriate message.	CO3
7	Interface DAC with 8086 through 8255. Develop an Assembly Language program to generate Ramp and triangular waveform. Correlate analog output voltage with digital input.	CO2 CO3
8	Interface ADC with 8086 through 8255. Develop an Assembly Language program to read input voltage and store equivalent value in Accumulator	CO2 CO3



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Subject: DCOM

Name of Faculty: Ms. Mamta P. Kurvey

Class/Sem: TE - EXTC/V

Department: EXTC

Academic Year- 2019-20

Sr. No.	<u>LIST OF EXPERIMENT</u>
1	TO STUDY LINE CODING TECHNIQUES
2	TO STUDY AMPLITUDE SHIFT KEYING(ASK), PHASE SHIFT KEYING(PSK), FREQUENCY SHIFT KEYING(FSK) - DIGITAL MODULATION TECHNIQUES
3	TO STUDY BIT ERROR RATE
4	TO STUDY EYE PATTERN AND CALCUTE NOISE MARGIN AND TIMING JITTER
5	TO STUDY QUADRATURE PHASE SHIFT KEYING, DIGITAL MODULATION TECHNIQUE
6	TO STUDY QUADRATURE AMPLITUDE MODULATION, DIGITAL MODULATION TECHNIQUE
7	TO STUDY AND PERFORM LINEAR BLOCK CODES, ERROR CORRECTING CODES BY USING MATLAB
8	TO STUDY PROBABILITY DENSITY FUNCTION, CUMULATIVE DISTRIBUTION FUNCTION OF A RANDOM VARIABLE USING BINOMIAL AND POISSON DISTRIBUTION BY USING MATLAB





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Academic Year: 2019-20

Subject: Open Source Technology

Name of Faculty: Adesh Hardas

Class/Sem: TE/V

Department: EXTC

LIST OF EXPERIMENTS

Expt. No.	Name of the experiment	CO's
1	Signal generation and visualization using scilab	CO1
2	Linear Convolution using Scilab	CO3
3	Discrete Fourier Transform using Scilab	CO3
4	R-C Phase shift Oscillator using LT spice	CO4
5	Differential Amplifier using LT spice	CO4
6	Digital Modulation Techniques: ASK using Python	CO2
7	Basic gates using VHDL	CO4
8	Half Adder using VHDL	CO4
9	Mini project	CO1, CO2, CO3, CO4

Data Compression & Encryption

Odd Semester

Academic Year: 2019-20

List of Experiments

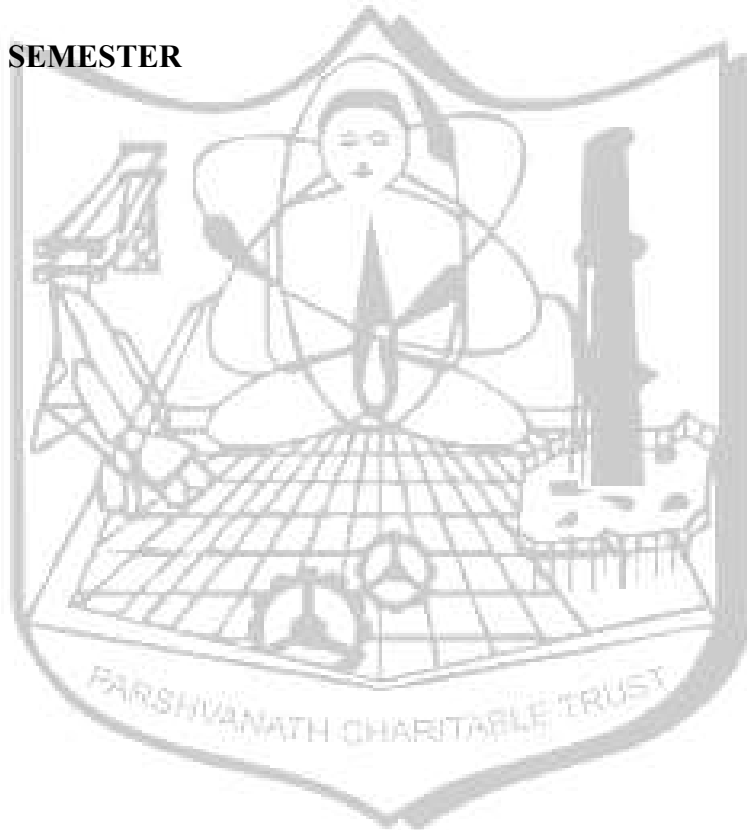
Sr. No.	Name of the Experiment
1	To find Huffman code for given probabilities for data compression.
2	To study of differential pulse code modulation technique.
3	To implement μ -law encoding.
4	To encode a given sequence by generating a 'TAG' using arithmetic coding.



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5	Implementation of JPEG image compression scheme.
6	To perform encryption and decryption of text using Ceaser Cipher Algorithm.
7	To implement Chinese Remainder Theorem.
8	To implement Public Key cryptography (RSA algorithm).
9	To implement Diffie-Hellman Key exchange.

TE EXTC EVEN SEMESTER





COURSE NAME: ECL-601 Microcontroller & Application Library
Class: TE EXTC

SEM:VI

List of Experiments

Sr. No	Name of Experiment	CO
UC-8051 based Experiments		
1	Develop assembly language program to transfer i) Date from external memory to internal memory (RAM) ii) Internal memory to external memory (RAM) iii) Code memory to data memory	CO1 CO2
2	To study mathematical instructions.	CO1
3	To find smallest and largest number from given array.	CO1
4	Interface LED with 8051 and develop an assembly language program to blink the LED with the help of 1 second software delay.	CO2
5	Develop an assembly language program to send the data serial using microcontroller with specific baud rate.	CO2
6	Interfacing of 16x2 LCD with 8051 and develop assembly language program to display "APSIT" on it	CO2
ARM-7 based Experiments		
6	Develop an assembly language program to perform mathematical operation like addition, subtraction and multiplication.	CO3 CO4
7	Develop an assembly language program to read data from memory and find smallest or largest among them. Store the result in memory.	CO3 CO4
8	Interfacing LED with ARM LPC2148.	CO4



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Subject: Computer Communication and Networks
Name of Faculty: T.T.Kolhe

Class/Sem: TE/VI
Department: EXTC

LIST OF EXPERIMENTS

Expt. No.	Name of the experiment
1	To Study and simulate STAR Topology using network simulator
2	To Study and simulate TCP and UDP using Network simulator
3	IPV4 Addressing using Virtual Lab
4	To study and simulate Distance Vector Routing using network simulator
5	To study and simulate Sliding window protocol using network simulator
6	To study and implement Bit Stuffing in MATLAB
7	To configure and verify ICMP protocol using Packet Tracer
8	To configure and verify OSPF Routing protocol using Packet Tracer
9	To study transmission Media





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Department : EXTC
Class/Sem : TE-EXTC / VI

Subject : Antenna and Radio Wave Propagation
Name of Faculty : Prof. M. P. Kurvey

LIST OF EXPERIMENTS

Expt. No.	Name of the experiment
1.	To study Antenna Parameters : radiation pattern, radiation power density, radiation intensity, Beam width, Gain, Directivity, Antenna Efficiency, Beam Efficiency, Bandwidth
2.	To measure the field strength at different distances
3.	To study radiation pattern of all Wired antennas
4.	To study radiation pattern of aperture Antenna antennas
5.	To study radiation pattern of all Planar antennas
6.	To study radiation pattern of Reflector antennas
7.	To design Dipole antenna using HFSS
8.	To design Microstrip antenna using HFSS

Subject: IPMV

Sem: VI

Experiment List IPMV

0. Installation, Introduction and Familiarization.
1. Write a program for obtain DFT, IDFT transform of a given matrix.
2. Write a program to obtain Negative, Log Transform, Power Law Transform of given Image.
3. To write a program for histogram calculation and equalization
 - a. Standard built in function
 - b. Program without using standard built in functions
4. Write and execute programs for image frequency domain filtering
 - a. Apply FFT on given image
 - b. Perform low pass and high pass filtering in frequency domain
 - c. Apply IFFT to reconstruct image
5. Write a program to perform Sharpening and High boost filtering using Laplacian mask
6. Write a program for image morphological operations
7. Write a program to understand Salt and Pepper image noise models and to write programs for image restoration using mean filter
8. Write a program for edge detection using different edge detection mask. (Robert's, Perwit's and Sobel)



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Subject: Database Management System Lab

SEM/Class: VI/TE

Year: 2018-19

LAB: 311

LIST OF EXPERIMENTS

1	<p>To implement Data Definition Language.</p> <p>Create a Banking database as,</p> <ul style="list-style-type: none">• Branch (<u>branch_name</u> varchar, <u>branch_city</u> varchar, <u>assets</u> bigint)• Customer (<u>Customer_name</u> varchar, <u>customer_city</u> varchar, <u>DOB</u> date, <u>account_no</u> int)• Loan (<u>loan_number</u> int, <u>branch_name</u> varchar, <u>amount</u> int)• Borrower (<u>customer_name</u> varchar, <u>loan_number</u> int)• Account (<u>account_no</u> int, <u>branch_name</u> varchar, <u>balance</u> int, <u>type</u> varchar)• Depositor (<u>customer_name</u> varchar, <u>account_number</u> int)																																																	
2	<p>To implement Data Manipulation Language.</p> <p>Create given relational table in mysql.</p> <p>As (<u>ClientNo</u> varchar, <u>Name</u> varchar, <u>City</u> varchar, <u>Pincode</u> int, <u>State</u> varchar, <u>BalDue</u> int, <u>Amount</u> varchar).</p> <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>ClientNo</th><th>Name</th><th>City</th><th>PinCode</th><th>State</th><th>BalDue</th><th>Amount</th></tr></thead><tbody><tr><td>C0001</td><td>Ivan Bayross</td><td>Mumbai</td><td>400054</td><td>Maharashtra</td><td>15,000</td><td>25000</td></tr><tr><td>C0002</td><td>Mamta Muzumdar</td><td>Madras</td><td>780001</td><td>Tamil Nadu</td><td>1000</td><td>30000</td></tr><tr><td>C0003</td><td>Chhaya Bankar</td><td>Mumbai</td><td>400057</td><td>Maharashtra</td><td>5000</td><td>35000</td></tr><tr><td>C0004</td><td>Ashwini Joshi</td><td>Bangalore</td><td>560001</td><td>Karnataka</td><td>1500</td><td>50000</td></tr><tr><td>C0005</td><td>Hansel Colaco</td><td>Mumbai</td><td>400060</td><td>Maharashtra</td><td>2000</td><td>10000</td></tr><tr><td>C0006</td><td>Deepak Sharma</td><td>Mangalore</td><td>560050</td><td>Karnataka</td><td>6000</td><td>22000</td></tr></tbody></table> <p>1. Listing of the names of all clients having 'a' as the second letter in their names. 2. Listing of the clients who stay in a city whose first letter is 'M'. 3. List all clients who stay in 'Bangalore' or 'Mangalore'.</p>	ClientNo	Name	City	PinCode	State	BalDue	Amount	C0001	Ivan Bayross	Mumbai	400054	Maharashtra	15,000	25000	C0002	Mamta Muzumdar	Madras	780001	Tamil Nadu	1000	30000	C0003	Chhaya Bankar	Mumbai	400057	Maharashtra	5000	35000	C0004	Ashwini Joshi	Bangalore	560001	Karnataka	1500	50000	C0005	Hansel Colaco	Mumbai	400060	Maharashtra	2000	10000	C0006	Deepak Sharma	Mangalore	560050	Karnataka	6000	22000
ClientNo	Name	City	PinCode	State	BalDue	Amount																																												
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	<p>4. List all clients whose BalDue is greater than value 10,000.</p> <p>5. Listing of names ,city ,and state of clients who are not in the state of 'Maharashtra' .</p> <p>6. Find the average BalDue of the clients.</p> <p>7. Find minimum and maximum BalDue among the client.</p> <p>8. Find minimum and maximum amount of the client.</p> <p>9. Find the name of the clients whose BalDue is between 1000 to 2000.</p> <p>10. Find total of the BalDue as 'TotalDueBal' from given table.</p> <p>11. Find the clients who belongs to Karnataka.</p> <p>12. Find no of clients those balance due is greater than 4000.</p> <p>Exercise on updating the records</p> <p>13. Change the city of ClientNo 'C0005' to 'Bangalore' and Pincode to 570098 and state to Karnataka.</p> <p>14. Change the balance due of client 'C0006' to Rs 5500.</p> <p>15. Mistakenly the client Deepak Verma is typed as Deepak Sharma. Please correct the database.</p> <p>16. The amount of all clients is increased by 10 %.</p> <p>17. Increase the balance due of clients by Rs. 500 whose amount is greater than 30000.</p> <p>Exercise on deleting records in a table.</p> <p>18. Delete the records of the client whose client number is C0003.</p>
3	<p>To draw ER and EER diagram for given problem definition.</p> <p>Design a database and create tables from the ER model.</p> <p>Draw the ER diagram for Company database.</p> <p>List the data requirements for the database of the company which keeps track of the company employee, department and projects. The database designers provide the following description. The company is organized into departments. Each department has unique name, unique number, and particular employee to manage the department. We keep track of the start date and the employee begins managing the department. The department has several locations. The department controls a number of projects each of which has a unique name, unique number and a single location. We store each employee names social security number, address, salary, gender and dob. An employee is assigned one department but may work on several projects which are not necessarily controlled by the same department. We keep track of the department of each employee works on each project and for insurance purpose. We keep each dependent first name, gender, dob and relation.</p> <p>Now map the above ER diagram into Relational model.</p>



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4	<p>Introduction to Primary key, Foreign key and various integrity constraints. Performing insertion, updation and deletion with Referential integrity constraints.</p> <div style="text-align: center;"> </div> <p style="text-align: right;">Figure 3.7 Referential integrity constraints displayed on the COMPANY relational database schema.</p>
	<p>Create the above company schema with referential integrity. And populate the table with suitable values.</p>
5	<p>Implementation of more complex queries using aggregate functions, group by function.</p> <p>Using the above Company Schema, write the SQL queries</p> <ol style="list-style-type: none"> 1. Retrieve the name and address of all employees who work for the 'Research' department. 2. For each employee, retrieve the employee's first and last name and the first and last name of his or her immediate supervisor. 3. Retrieve the salary of every employee and all distinct salary values 4. Show the resulting salaries if every employee working on the 'ProductX' project is given a 10 percent raise. 5. Find all employees who were born during the 1950s. 6. Retrieve all employees in department 5 whose salary is between \$30,000 and \$40,000. 7. Retrieve the Social Security numbers of all employees who work on project numbers 1. 8. Find the sum of the salaries of all employees of the 'Research' department, as well as the maximum salary, the minimum salary, and the average salary in this department. 9. Retrieve the total number of employees in the company 10. Retrieve the total number of employees in the 'Research' department 11. Count the number of employees in each department. 12. For each project, retrieve the project number, the project name, and the number of employees who work on that project.
6	<p>To implement join operation.</p> <p>Perform various join operations on given tables.</p> <ol style="list-style-type: none"> 1. Natural join. 2. Outer join



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7	<p>To implement views and perform operations on views.</p> <p>Employee</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Eid</th> <th style="text-align: center;">Ename</th> <th style="text-align: center;">Department</th> <th style="text-align: center;">Salary</th> <th style="text-align: center;">Dob</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">101</td> <td>Amar Patil</td> <td>Computer</td> <td style="text-align: center;">30000</td> <td style="text-align: center;">10/10/89</td> </tr> <tr> <td style="text-align: center;">103</td> <td>Medha Shah</td> <td>IT</td> <td style="text-align: center;">50000</td> <td style="text-align: center;">02/04/83</td> </tr> <tr> <td style="text-align: center;">102</td> <td>Nidhi Pawar</td> <td>Mechanical</td> <td style="text-align: center;">35000</td> <td style="text-align: center;">07/07/87</td> </tr> <tr> <td style="text-align: center;">106</td> <td>Hansal Mehta</td> <td>Computer</td> <td style="text-align: center;">36000</td> <td style="text-align: center;">12/05/88</td> </tr> <tr> <td style="text-align: center;">107</td> <td>Anil Dubey</td> <td>Mechanical</td> <td style="text-align: center;">37000</td> <td style="text-align: center;">09/07/87</td> </tr> <tr> <td style="text-align: center;">105</td> <td>Jyoti Singh</td> <td>Computer</td> <td style="text-align: center;">40000</td> <td style="text-align: center;">13/02/84</td> </tr> <tr> <td style="text-align: center;">110</td> <td>Saba Khan</td> <td>Computer</td> <td style="text-align: center;">36000</td> <td style="text-align: center;">05/09/83</td> </tr> </tbody> </table> <ol style="list-style-type: none"> 1. create a view as Emp_computer for faculties belong to computer department with column eid, ename and department. 2. Display the salary of employees in descending order in view. 3. Modify salary of Amar Patil in view as 34000. 4. Find Maximum, Minimum salary avg salary of employee of view. 5. Delete the record of Jyoti Singh from employee. 6. Insert the value into the view. 7. Display the employees of computer department having salary greater than 35000. 	Eid	Ename	Department	Salary	Dob	101	Amar Patil	Computer	30000	10/10/89	103	Medha Shah	IT	50000	02/04/83	102	Nidhi Pawar	Mechanical	35000	07/07/87	106	Hansal Mehta	Computer	36000	12/05/88	107	Anil Dubey	Mechanical	37000	09/07/87	105	Jyoti Singh	Computer	40000	13/02/84	110	Saba Khan	Computer	36000	05/09/83
Eid	Ename	Department	Salary	Dob																																					
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102	Nidhi Pawar	Mechanical	35000	07/07/87																																					
106	Hansal Mehta	Computer	36000	12/05/88																																					
107	Anil Dubey	Mechanical	37000	09/07/87																																					
105	Jyoti Singh	Computer	40000	13/02/84																																					
110	Saba Khan	Computer	36000	05/09/83																																					
8	<p>To create queries using Triggers.</p> <p>Create a relational table student(rollno, student_name, branch, mobileno, address) Create a trigger such that it will give error message when we insert less than 10-digit mobile number.</p>																																								
9	<p>To implement Data Control Language.</p> <p>create table Student(PRN, Name, branch, rollno, address)</p> <p>Justify concept of data control using grant, revoke commands.</p> <ol style="list-style-type: none"> 1) create a user 'newuser1' with password 'new123'. Allow the user to access only Student table from StudentDB database. 2) Create a user 'newuser2' with password 'new234'. Allow the user to access any database. 3) Give the privileges to newly created user. 4) Revert all privileges from newuser2. 																																								
10	<p>Implement Java Mysql Connectivity.</p>																																								

BE EXTC ODD SEMESTER



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Department : EXTC
Class/Sem : BE-EXTC / VII

Subject : Microwave Engineering
Name of Faculty : Prof. M. P. Kurvey

Academic Year -2019-20

LIST OF EXPERIMENTS

Expt. No.	Name of the experiment
1.	Study of Microwave Components
2.	To study Mode Characteristics of Reflex Klystron
3.	To study microwave Variable Attenuator
4.	To study microwave Frequency measurement
5.	To study Microwave LOS communication using pyramidal waveguide Horn Antenna
6.	To measure standing wave ratio and reflection coefficient using microwave bench
7.	To study V-I characteristic of Gunn Diode
8.	To design rectangular waveguide using HFSS





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Subject: Mobile Communication Systems Laboratory
Name of Faculty: Veena Gawde

Class/Sem:BE/VII
Department: EXTC

LIST OF EXPERIMENTS

Expt. No.	Name of the experiment	CO
1	Free Space Propagation model	CO2
2	Cluster Size and system capacity of cellular system	CO1
3	Worst case C/I analysis for cellular system	CO1
4	PN sequence generation	CO3
5	DS-SS System	CO3
6	Convolution Encoder	CO3
7	MIMO channel capacity	CO4
8	Cognitive Radio demonstration	CO4





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Academic Year: 2019-20
Class / Branch: BE EXTC
Subject: Optical Communication

Semester: VII

List of Experiments

Ex. No.	Title of the Experiment	CO's
1	Set up communication link for Optical Fiber using Analog and Digital signal	CO1
2	Study V-I characteristics for 1310 nm and 1550 nm Laser source for CW	CO3
3	Calculation of Numerical aperture for optical plastic fiber cable	CO1
4	Study performance analysis of optical link with Photo detector	CO3
5	Measure the propagation delay in single mode fiber optic cable	CO2
6	Study Chromatic dispersion using dual source 1310nm and 1550nm laser diodes.	CO2
7	Study OTDR using source of 1550nm laser diodes and PIN Photo detector	CO2
8	Measure attenuation in Fiber Optic Attenuator and Coupling Coefficient in Fiber Optic Coupler.	CO2
9	Study Link Budget Analysis of Optical Fiber Link	CO4





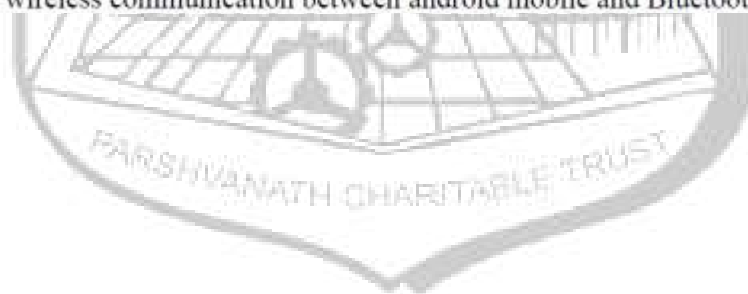
COURSE NAME: Embedded System

Class: BE EXTC

SEM: VII

List of Experiments

- 1) Writing a program using Arduino IDE to load Hours:Minutes:Second in Real Time Clock DS3231 and display this time on Serial Monitor. (Use "wire" library to do communication).
- 2) Configuring ZigBee as coordinator (ZC) and ZigBee End Device (ZED) using XCTU and transfer data from one end to other end.
- 3) Writing program to implement Greatest Common Divisor (GCD).
- 4) Study of Serial Peripheral Interface (SPI) protocol.
- 5) To study of Multitasking of Real Time Operating System (RTOS)
- 6) To create and execute RTOS tasks independently
- 7) To establish communication between two tasks using message queue.
- 8) Establish wireless communication between android mobile and Bluetooth HC-05.





Lab Plan of Neural Networks and Fuzzy Logic

Final Year B.E Electronics and Telecom Sem: - VII (2019-20)

Experiment List

Exp. No	Aim of Experiment
1	Write a program to generate and evaluate the following activation functions.
2	Write a program to implement the a) AND and b) OR functionality using McCulloch-Pitts neural network from given weight and threshold values.
3	Write a program to implementation of two input EX-OR function using McCulloch-Pitts neural networks from given weight and threshold values.
4	Program for Perceptron network training for an AND and OR function. Assume bipolar inputs and target output of the network.
5	Program for Perceptron network training using Back Propagation Algorithm for XOR function. Assume bipolar inputs and target output of the network.
6	Write a program to implement clustering using neural network on iris dataset.
7	Develop a fuzzy inference system for the estimation of DC voltage required for regulating the speed of DC motor.
8	Develop a fuzzy inference system for train break control with suitable input variable assumptions.

BE EXTC EVEN SEMESTER



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Subject: RF Design Laboratory
Name of Faculty: Veena Gawde

Class/Sem:BE/VIII
Department: EXTC

LIST OF EXPERIMENTS

Expt. No.	Name of the experiment	CO
1	Behaviour of R, L and C over high Frequencies	CO1
2	Characterization of Low pass filter	CO1
3	Characterization of High pass filter	CO1
4	Characterization of Band pass filter and Notch filter	CO1
5	Series and Parallel Resonance	CO3
6	Calibration of Vector Network Analyzer(VNA)	CO1
7	Finding Gain of the MMIC AMPLIFIER.	CO2
8	Finding Stability of the MMIC AMPLIFIER.	CO2
9	Measurement of radiated emission of BPF filter.	CO4

Even Semester Wireless Network Academic Year: 2019-20
List of Experiments

Sr. No.	Name of the Experiment
1	To Implement wired network in Network Simulator (Version 2)
2	To implement Bus Topology in Network Simulator (Version 2)
3	To create scenario and study the performance of token ring protocol in Network Simulator (Version 2)



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4	To implement mesh topology in Network Simulator (Version 2)
5	To Simulate Local Area Network in ns2 simulation environment
6	To understand node attributes for wired and wireless scenario using NSG and to create a TCL script for NS2 & simulate wired & wireless sensor network using NS2
7	To Simulate AODV protocol using ns2
8	To Develop downlink and uplink budgets for GSM 1800 System

Subject: Satellite Communication (ETC 802)

List of Experiments

Ex. No.	Title of the Experiment	CO's
1	To set up a communication link between uplink transmitter and downlink receiver using Satellite	CO1
2	To transmit and receive three separate signals (Audio, Video, Tone) simultaneously through satellite link.	CO1
3	To transmit digital waveform through a satellite communication link.	CO1
4	To send Tele command and receive Telemetry	CO4
5	To calculate propagation delay in a SATCOM link.	CO3
6	To estimate the C/N ratio	CO2
7	To estimate S/N ratio	CO2
8	Communicating voice signal through satellite link	CO4
9	To setup a Serial satellite communication link (PC-PC Communication) using USB ports.	CO3
10	To study GPS and VSAT	CO4



Computer Engineering

Lab Name	Total Systems	Configuration
Web technologies (310)	30(24+6)	Intel i3 CPU,2 gb RAM,500 gb HDD(24) Intel i5 CPU,8gb RAM,500 gb HDD(06)
Image Processing & Computer Vision (311)	30(24+6)	Intel i3 CPU,4gb RAM,500 gb HDD,windows 7(24) Intel i3 CPU,2gb RAM,500 gb HDD(06)
High Performance Computing (312)	30	Intel i3 CPU,4gb RAM,500 gb HDD, windows 10 Home(24) Intel i5 CPU,8gb RAM,500 gb HDD, windows 10 Home(06)
Cloud Computing and virtualisation (314)	30(23+07)	Intel i5 CPU,8gb RAM,500 gb HDD(23) Intel i3 CPU,2gb RAM,500 gb HDD(07)
Software Testing & Project (315)	24	Intel i5 CPU,8gb RAM,500 gb HDD,windows 10 Home
AI & Machine Learning (316)	30	Intel i3 CPU,4 gb RAM,500 gb HDD
Programming Lab (406)	60	Intel i3 CPU,4gb RAM,500 gb HDD,windows 10 Home
Hardware & Networking (411)	-	DLDA Kits

Class: SE

Semester: III

Sub: Data Structure Lab

Subject Code: CSL301

Lab No:406

Required Software's: GCC

Sr. no	Name of Experiment



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01	Array Implementation of Stack
02	Check continuity of different types of parenthesis using Stack
03	Conversion of Infix to Postfix
04	Array Implementation of Queue
05	Array Implementation of Circular Queue
06	Postfix Evaluation
07	Implementation of Singly Linked List
08	Linked Implementation of Stack
09	Implementation of Binary Search Tree
10	Implementation of BFS and DFS
11	Implementation of Binary Search

Lab No:411 and 314

Required Software: Eclipse

Sr. no	Name of Experiment
01	Implement DDA Line Drawing algorithm.
02	Implement Bresenham's Line algorithm.
03	Implement midpoint Circle algorithm.
04	Implement midpoint Ellipse algorithm.
05	Implement Area Filling Algorithm: Flood Fill.
06	Implement 2D Transformations: Translation, Scaling, Rotation, Reflection, Shear.
07	Implement Line Clipping Algorithm: Cohen Sutherland / Liang Barsky.
08	Implement polygon clipping algorithm.



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09	Program to perform 3D transformation.
10	Implement Bezier Curve
11	Mini-project

Sub: Skill based lab course: Object Oriented Programming with Java Subject Code: CSL 304

Lab No:406

Required Software: Eclipse

Sr. no	Name of Experiment
01	To implement Programs on Basic programming constructs like branching and looping
02	To implement Programs on accepting input through keyboard
03	To implement Programs on classes and objects in Java
04	To implement Program on method and constructor overloading
05	To implement Program on user defined packages
06	To implement Program on 2D array, strings functions
07	To implement StringBuffer and Vectors
08	To implement Program on types of inheritance
09	To implement Program on Multiple Inheritance using Interfaces
10	To implement Program on abstract class and abstract methods
11	To implement Program using super and final keyword.
12	To implement Program on Exception handling, user defined exception
13	To understand multi-threading in Java



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14	To implement Program on Graphics class and applets.
15	To create AWT Frames and drawing inside them using Graphics class

Sub: Analysis of Algorithm Lab

Subject Code: CSL401

Lab No: 406

Required Software: Linux, gcc

Sr. no	Name of Experiment
01	Implement selection sort & insertion sort
02	Merge sort analysis using Divide & Conquer
03	Quick sort analysis using Divide & Conquer. Compare performance of merge & quick sort
04	Implement Knapsack problem using greedy method
05	Minimum cost spanning trees-Kruskal and prim's algorithm
06	Implement optimal binary search tree
07	Travelling salesman problem
08	8-queens problem
09	Longest common subsequence algorithm
10	15 puzzle problem

Sub: Database Management System Lab

Subject Code: CSL402

Lab No:310

Required Software: Microsoft Office, MYSQL

Sr. no	Name of Experiment
01	Identify the case study and detail statement of problem. Design an Entity-Relationship (ER) / Extended Entity-Relationship (EER) Model.



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02	Mapping ER/EER to Relational schema model.
03	Create a database using Data Definition Language (DDL) and apply integrity constraints for the specified System
04	Apply DML Commands for the specified system
05	Perform Simple queries, string manipulation operations and aggregate functions.
06	Implement various Join operations.
07	Perform Nested and Complex queries
08	Perform DCL and TCL commands
09	Implementation of Views and Triggers.
10	Demonstrate Database connectivity

Sub: Operating System Lab

Subject Code: CSL403

Lab No: 316

Required Software: gcc compiler, CPU-OS simulator, Linux terminal

Sr. no	Name of Experiment
01	Explore the internal commands of Linux like ls, chdir, mkdir, chown, chmod, chgrp, ps, etc.
02	Create a child process in Linux using the fork system call. From the child process obtain the process ID of both child and parent by using getpid and getppid system call. Explore wait and waitpid before termination of process.
03	Explore the following system calls: open, read, write, close etc.
04	Implement basic commands of Linux like ls, cp, using kernel APIs.
05	Write shell scripts to: Display top 10 processes in descending order, process id, ppid, nice, CPU usage, memmoy usage etc.
06	Write a program to understand Pthread.
07	Implementation of Process synchronization algorithms like Producer Consumer Problem.



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08	Using the CPU-OS simulator analyse and synthesize process scheduling algorithm.
09	Implementation of best fit, worst fit and next fit memory management policies.
10	Using the CPU-OS simulator analyse and synthesize deadlock prevention and avoidance.

Sub: Microprocessor Lab

Subject Code: CSL404

Lab No: 311 and 422

Required Software: TASM/DOSEMU/DOSBOX

Sr. no	Name of Experiment
01	Use of TASM and Debug to perform basic arithmetic operations on 8 bit data.
02	Menu based Assembly program for 16 bit addition, subtraction, multiplication and division.
03	Assembly program to display the contents of flag register.
04	Assembly program to find LCM of two numbers.
05	Assembly program to sort the numbers in descending order.
06	Assembly program to perform overlapping block transfer.
07	Assembly program to check whether a string is palindrome or not.
08	Assembly program to find factorial of a number using procedure.
09	Mixed language program to increment, decrement the size of the cursor and also to disable it.
10	Assembly program to find maximum number from a given array.

Sub: Skill Base Lab Course: Python Programming

Subject Code: CSL405

Lab No: 406

Required Software: Python 3.7, Django Framework

Sr. no	Name of Experiment
01	To explore the basics of Python like Data Types (Strings, List, Array, Dictionaries, Set, Tuples) and Control Statements.



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02	To create Functions, Classes and Objects using Python. Demonstrate Exception Handling and Inheritance.
03	To explore Files and Directories.
04	To create menu driven program for Data Structure using built in function for Link List, Stack and Queues.
05	To explore the concepts of modules ,user defined packages and regular expression.
06	To create GUI with Python containing Widgets such as Labels, Textbox, Radio, Checkboxes and Custom Dialog Boxes.
07	To demonstrate CRUD (Create, Read, Update and Delete) operations on database (MySQL) using Python.
08	To create simple Socket for basic information exchange between Server and Client.
09	To explore the concepts of threading module, Thread Class and Synchronization.
10	To explore different functions and uses of array creation and manipulation of 1 dimensional and two dimensional arrays using numpy.
11	To explore various inbuilt functions of Pandas for grouping and merging data from csv files .
12	To create web application using Django web framework.

Sub: Microprocessor Lab

Subject Code: CSL501

Lab No: 311 and 422

Required Software: TASM/DOSEMU/DOSBOX

Sr. no	Name of Experiment
01	Use of TASM and Debug to perform basic arithmetic operations on 8 bit data.
02(a)	Menu based Assembly program for 16 bit addition, subtraction, multiplication and division.
02(b)	Assembly program to display the contents of flag register.



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03	Assembly program to find LCM of two numbers.
04	Assembly program to sort the numbers in descending order.
05(a)	Assembly program to perform overlapping block transfer.
05(b)	Assembly program to check whether a string is palindrome or not.
06	Assembly program to find factorial of a number using procedure.
07	Assembly program to find maximum number from a given array.
08	Program and interfacing using 8255.
09	Mixed language program to increment, decrement the size of the cursor and also to disable it.
10(a)	Program for device driver (Printer/Mouse/Keyboard)
10(b)	Program based on 32 bit architecture(Switching from real mode to protected mode)

Sub: Computer Network Lab

Subject Code: CSL502

Lab No: 311

Required Software: Ubuntu OS, Wireshark, FTP, Telnet, CISCO packet tracer, gcc compiler

Sr. no	Name of Experiment
01	Analysis of Network by using Wireshark
02	Use basic networking commands in Linux (ping, tracert, nslookup, netstat, ARP, RARP, ip, ifconfig, dig, route)
03	a. Set up multiple IP addresses on a single LAN. b. Using netstat and route commands of Linux, do the following: View current routing table Add and delete routes Change default gateway
04	Perform File Transfer and Access using FTP
05	Design TCP iterative Client and Server application to reverse the given input sentence.
06	To study Stop and wait protocol



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07	To study ip address to add multiple ip on single LAN, route to configure routing table, and to study iptables for filtering packets
08	Setup a network and configure IP addressing, subnetting, masking with CISCO Packet Tracer.
09	Build a simple network topology and configure it for static routing protocol using packet tracer.
10	Perform Remote login using Telnet server

Subject Code: CSL504

Sub: Web Design Lab

Lab No: 310

Required Software: LAMP/ WAMP, mysql, web browser, text editor

Sr. no	Name of Experiment
01	Introduction and Installation of LAMP STACK
02	Create Simple web page using HTML5
03	Design and Implement web page using CSS3 and HTML5
04	Form Design and Client Side Validation using : a. Javascript and HTML5 b. Javascript and JQuery
05	Develop simple web page using PHP
06	Develop interactive web pages using PHP with database connectivity MYSQL
07	Develop XML web page using DTD, XSL
08	Implement a webpage using Ajax and PHP
09	Hosting the website with Domain Registration Process.
10	Design a Web application using Laravel Framework
11	Mini-project

Sub: Software Engineering Lab

Subject Code: CSL601

Lab No: 314



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Required Software's: **DIA, Planner , Microsoft office**

Sr. no	Name of Experiment
01	Prepare detailed statement of problem for the selected / allotted project and prepare project proposal .
02	Develop Software Requirement Specification (SRS) document in IEEE format for the project.
03	Use project management tool to prepare schedule for the project.
04	Prepare RMMM plan for the project.
05	Identify scenarios & develop UML Use case and Class Diagram for the project.
06	Draw DFD (upto 2 levels) for the project.
07	Develop Activity / State Transition diagram for the project.
08	Develop Sequence and Collaboration diagram for the project
09	Perform SCM using Github Automated tool.
10	Develop test cases for the project using white box testing.

Sub: System software Lab

Subject Code: CSL602

Lab No:311

Required Software's: **GCC ,TURBO C**

Sr. no	Name of Experiment
01	To study microprocessor architecture and learn pass2 generator manually.
02	Design and implementation of pass one of two-pass assembler for general machine.
03	Design and implementation of two-pass assembler for general machine.



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04	Write a program to implement a lexical analyser.
05	To implement a yacc ("yet another compiler compiler").
06	To find first and follow of given grammar.
07	Implement Shift Reduce Parser.
08	To implement Operator Precedence Parser

Sub: Data Warehousing & Mining Lab

Subject Code: CSL603

Lab No:316

Required Software's: WEKA, RAPID MINER, R Programming

Sr. no	Name of Experiment
01	Case study of Data mart/Data warehouse
02	Installation & study of WEKA data mining tool and details of ARFF file format
03	Installation & study of R Programming (data mining tool) and Introduction about basic R programming syntax
04	Implementation of Decision tree classifier using WEKA
05	Implementation of Naïve Bayes classifier using WEKA.
06	Implementation of K-means clustering algorithm using WEKA.
07	Implementation of Agglomerative clustering algorithm using WEKA.
08	Implementation of Apriori association mining using WEKA.
09	Implementation of FPM association mining using WEKA
10	Perform data Pre-processing task and Demonstrate performing Classification, Clustering, Association algorithm on data sets using data mining tool (WEKA, R tool, XL Miner, etc.)



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Sub: System Security Lab

Subject Code: CSL604

Lab No:311

Required Software's: gcc compiler, Linux terminal, Java: jdk16.06 , Wireshark, nmap, ARPWATCH, IPsec, SNORT, iptables

Sr. no	Name of Experiment
01	Design and Implementation of a product cipher using Substitution and Transposition.
02	Implementation and analysis of RSA cryptosystem.
03	Write a program to implement Diffie-Hellman Algorithm.
04	Study the use of network reconnaissance tools like WHOIS, dig, traceroute, nslookup to gather information about networks and domain registrars.
05	Study of packet sniffer tools: Wireshark: 1. Download and install Wireshark and capture icmp, tcp, and http packets in promiscuous mode. 2. Explore how the packets can be traced based on different filters
06	Download and install nmap. Use it with different options to scan open ports, perform OS fingerprinting, do a ping scan, tcp port scan, udp port scan, xmas scan etc.
07	Detect ARP spoofing using nmap and/or open source tool ARPWATCH and wireshark. Use arping tool to generate gratuitous arps and monitor using wireshark.
08	Simulate DOS attack using Hping3 and Wireshark
09	Simulate buffer overflow attack using Ollydbg, Splint, Cppcheck etc
10	For varying message sizes, test integrity of message using MD-5, SHA-1, and analyse the performance of the two protocols. Use crypt APIs

Sub: Machine Learning

Subject Code: CSDLO6021

Lab No:311

Required Software's: Google Chrome, Google Collab.

Sr. no	Name of Experiment
01	Study basics of Python.



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02	Implement Linear Regression.
03	Implement Logistic Regression.
04	Implement Decision Tree Classifier.
05	Implement Bayesian Classification.
06	Implement k-means Clustering.
07	Implement Support Vector Machine.
08	Implement Principal Component Analysis.
09	Compare accuracy of naive bayes, decision tree using gini, decision tree using entropy on any two datasets.
10	Case Study: To propose a solution of any real life problem using machine learning.

Sub: Enterprise Resource Planning(ERP)
CSDLO6023

Subject Code:

Lab No:312

Required Software's: JD Edward Tool and Any Open Source ERP Tool

Sr. no	Name of Experiment
01	To perform a case study analysis of an organization and make a before and after report of it.
02	To create a list of resources – inbound and outbound w.r.t the organization
03	Identification module of each domain and functional level categorization of each resource
04	Describe processes in each module and draw functional diagrams associated with it.
05	To perform Business process re-engineering on the selected module
06	To implement a new system based on BPR.



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07	Perform Impact analysis of the new system as the BPR.
08	Prepare study on JD Edward Tool. & Prepare study on Microsoft Dynamics.
09	Explore any open source ERP Tool and prepare installation guideline and information about the tool
10	Data Entry in the ERP tool in all modules & generate report.

Sub: Digital Signal & Image Processing Lab
311

Subject Code: CSL701 Lab No:

Sr. no	Name of Experiment
1	To represent and plot unit step function and ramp function
2	To perform sampling and reconstruction
3	To write a program for convolution of two signals.
4	To perform discrete fourier transform
5	To perform fast fourier transform
6	To implement Image negative, contrast stretching and thresholding
7	To implement intensity level slicing and bit plane slicing
8	To implement histogram processing
9	To implement image smoothing and sharpening
10	To implement edge detection using sobel and previtt masks

Sub: Mobile Application Development Lab

Subject Code: CSL702 Lab No:315

Required Software's: Android Studio 4.1

Sr. no	Name of Experiment
01	To understand the cellular frequency reuse concept to find the co-channel cells for a particular cell & understand the cellular frequency reuse concept to find the cell clusters within certain geographic area.



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02	Implementation a Bluetooth network with application as transfer of a file from one device to another.
03	To implement a basic function of Code Division Multiple Access to test the orthogonality and autocorrelation of a code to be used for CDMA operation.
04	Implementation of GSM security algorithms (A3/A5/A8)
05	To create a simple hello world project using android studio.
06	Develop an application that uses GUI components.
07	Write an application that draws basic graphical primitives on the screen.
08	Develop an application that makes use of database.
09	Develop a native application that uses GPS location information.
10	Implementation of income tax/loan EMI calculator and deploy the same on real devices.

Sub: Artificial Intelligence and Soft Computing (AISC) Subject Code: CSL703 Lab No:316

Required Software's: C/C++/JAVA/PYTHON Compiler

Sr. no	Name of Experiment
01	Case Study on any topic from the given list.
02	Description of PEAS Properties for various task environments
03	Implementation of Breadth First Search(BFS) using C/C++ or JAVA
04	Implementation of Depth First Search(DFS) using C/C++ or JAVA
05	Implementation of 8-Queen Problem using C/C++ or JAVA
06	Implementation of A* Algorithm(Tic-Tac-Toe Game) using C/C++ or JAVA
07	Installation & study of SWI-PROLOG and implement some basic programs using PROLOG Programming language.
08	Program to implement different operations on fuzzy sets.(Union, Intersection and Complement)
09	Menu driven program to implement Cartesian Product on fuzzy relations using Max-Min composition.
10	Program to implement basic neural network structure.

Sub: ADVANCE SYSTEM SECURITY & DIGITAL FORENSICS Subject Code:

CSDL07031 Lab No: 310



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Required Software's: FlawFinder,Python, Oracle VMBox,Kali Linux, Wapiti3,Autopsy,SQL Map, WinHTTrack,Cisco Packet Tracer,Cain and Abel.

Sr. no	Name of Experiment
1.	To perform Static Code Analysis using FlawFinder.
2.	To study vulnerability scanning using Nikto.
3.	To explore web application vulnerabilities using Wapiti.
4.	To explore forensics tools in Kali Linux like dd, dcfldd, foremost, scalpel.
5.	To perform analysis of forensic images using open source tools like Autopsy.
6.	To detect SQL injection vulnerabilities in a website database using SQLMap.
7.	To explore the website copier HTTrack.
8.	To performing a penetration testing using Metasploit
9.	To explore Authentication and access control using RADIUS, TACACS and TACACS+
10.	To use Password cracking using tools to detect weak passwords.

Sub: Bid Data Analytics
CSDLO7032 Lab No:311

Subject Code:

Required Software's: Linux,Hadoop, Mysql, mongodb, Hive, python, R,

Sr. no	Name of Experiment
01	Hadoop HDFS Practical: -HDFS Basics, Hadoop Ecosystem Tools Overview. -Installing Hadoop. -Copying File to Hadoop. -Copy from Hadoop File system and deleting file. -Moving and displaying files in HDFS



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02	Implement Linear Regression. Use of Sqoop tool to transfer data between Hadoop and relational database servers. a. Sqoop - Installation. b. To execute basic commands of Hadoop ecosystem component Sqoop.
03	To install and configure MongoDB/ Cassandra/ Hbase/ Hypertable to execute NoSQL commands
04	Experiment on Hadoop Map-Reduce / PySpark:-Implementing simple algorithms in MapReduce: Matrix multiplication, Aggregates, Joins, Sorting, Searching, etc.
05	Create HIVE Database and Descriptive analytics-basic statistics, visualization using Hive/PIG/R
06	Write a program to implement word count program using MapReduce Implement Bloom Filter using any programming language.
07	Implement Bloom Filter using any programming language.
08	Implementing any one Clustering algorithm (K-Means/CURE) using Map-Reduce
09	Implement predictive Analytics techniques (regression / time series, etc.) using R/ Scilab/ Tableau/Rapid miner
10	Mini Project: One real life large data application to be implemented .

Class: BE

Semester: VIII

Sub: Human Machine Interaction Lab

Subject Code: CSC801

Lab No: 310

Required Software's: Android, Any Database, HTML, CSS, Java Script

Sr. No.	Title of Experiment
1	Design a Mobile app/ Website that can teach mathematics to children of 4-5 years age in schools in Rural /Urban Sector
2	ATM machine/KIOSK screen design for rural people.



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3	Design a Mobile App/Website to get an experience for passengers whose flight /train is delayed.
4	Design an UI application for Institute event management.
5	Redesign of a user interface (Suggest and implement changes in Existing User Interface)
6	Design of User interface for the system using various interaction styles.
7	Design appropriate icons pertaining to a given domain. (Eg. Greeting cards)
8	Design a interface for Home appliances
9	Design a navigator for a student new in your Institute.
10	KIOSK design for hospital/school/educational campus/National Institute.

Class: BE

Semester: VIII

Sub: Cloud Computing Lab

Subject Code: CSL803

Lab No: 314

Required Software: Oracle VirtualBox 6.1, Ubuntu 16.04, OpenStack, Google App Engine, OwnCloud, Ulteo

Sr. no	Name of Experiment
01	To implement Virtualization using Oracle VirtualBox
02	To implement Infrastructure as a Service using OpenStack
03	To simulate identity management in cloud.
04	To implement Platform as a Service using Google App Engine
05	To explore Storage as a Service
06	To understand Software as a Service using Ulteo.



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Class: BE

Semester: VIII

Sub: Natural Language Processing

Subject Code: DLO8011

Lab No: 316

Required Software's: Python NLTK

Sr.No	Title	Aim
1	Preprocessing: Tokenization	<ul style="list-style-type: none"> - Tokenization using string methods - Tokenization using nltk (word and sentence tokenization) - Display the top 20 most frequent tokens / words
2	Preprocessing: Filtering, Stopword Removal	<ul style="list-style-type: none"> - Filter unwanted characters - Display list stopwords in a corpus - Stopword removal
3.	Preprocessing: Stemming Lemmatization	<ul style="list-style-type: none"> - Porter Stemmer - Lancaster Stemmer - Lemmatization
4.	POS tagging ngrams	<ul style="list-style-type: none"> - POS tagging using nltk - Lemmatization using POS tags - Display ngrams of an input text
5.	Text Similarity	<ul style="list-style-type: none"> - Hamming distance - Levenshtein distance - Cosine distance
6.	Chunking Named entity Detection	<ul style="list-style-type: none"> - Chunking. Display of chunk tree - Named entity recognition - Tf-idf evaluation
7.	Word2Vector WSD	<ul style="list-style-type: none"> - Using word2Vector to generate word vectors - Word Sense Disambiguation
8.	WordNet	<ul style="list-style-type: none"> - Wordnet for synonyms, antonyms, etc
9.	Text classification	<ul style="list-style-type: none"> - Classification of text / document using Bayes classifier - Working with other classifiers (regression, SVM, RF, NN)



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10.	Applications	- Spam Filter - Movie Review
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Class: BE

Semester: VIII

Sub: High Performance Computing

Subject Code: DLO8012

Lab No: 312

Required Software's: Open MPI

Sr. No.	Title of the Experiment
1	Execution of Simple Hello world program on MPI platform
2	a. Program to send data and receive data to/from processors using MPI b. Program illustrating Broadcast of data using MP
3	Implement a parallel program to demonstrate the cube of N number within a set range.
4	Write a parallel program for area of a circle/triangle
5	Implement a program to demonstrate balancing of workload on MPI platform
6	Using directives of MPI/OpenMP implement parallel programming for calculator application (add, sub, multiplication and division)
7	Mini Project Evaluate performance enhancement of HPC for any of the following: One-Dimensional Matrix-Vector Multiplication/ Single-Source Shortest-Path/ Sample Sort/Two-Dimensional Matrix-Vector Multiplication



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Class: BE

Semester: VIII

Sub: Advanced Wireless Network

Subject Code: DLO8013

Lab No: 310

Required Software's: NS2, NS3

Sr. No.	Title
1	Explore the knowledge of NS2 and NS3 by installing it and make it ready
2	PAN network implementation and transfer files from one device to another.
3	To implement and compare MAC layer protocols using NS3.
4	Develop a simple wireless adhoc network using AODV.
5	Develop a simple wireless adhoc network using DSR.
6	Simulation of TORA.
7	Implementation of TCP variants like TCP-F, adhoc TCP
8	Simulation of Sumo on Ubuntu.



Information Technology:

LIST OF EQUIPMENTS

Sr. No.	LAB. No.	Name of the Laboratory	List of equipment
1	301	Software Development & Operations	30 machines with 16GB RAM & Intel core i7 Processor, Projector.
2	302	Network Design & Analysis	26 machines with 2GB RAM & Dual core Processor, 4 machines with 8GB RAM & Intel core i5 Processor, Projector.
3	303	Operating System Design	25 machines with 8GB RAM & Intel core i5 Processor, 15 laptops with 8GB RAM & Intel core i5 Processor, , Projector.
4	308	Structured & Object Oriented Programming	17 machines with 4 GB RAM & Intel core i3 Processor, 13 machines with 2 GB RAM & Intel Dual Core Processor , Projector.
5	309	Algorithms & Complexity Theory	28 machines with Dual core Processor & 2GB RAM, 2 machine with i3 Processor & 2GB RAM, Projector.
6	313	System & Network Security	24 machines with 4GB RAM & Intel core i3 Processor, Projector.
7	317	Open Source Technologies	30 machines with 8GB RAM & Intel core i5 Processor, Smart Board Cybernetyx EyeRIS -8090 & Intellispace 3.0, ssProjector.
8	405	Data Science & Analytic	60 machines with 4GB RAM & Intel core i3 Processor, Projector.



Academic Year: 2019-2020

Semester: III

Subject: Java Programming Lab

Class / Branch: S.E / I.T

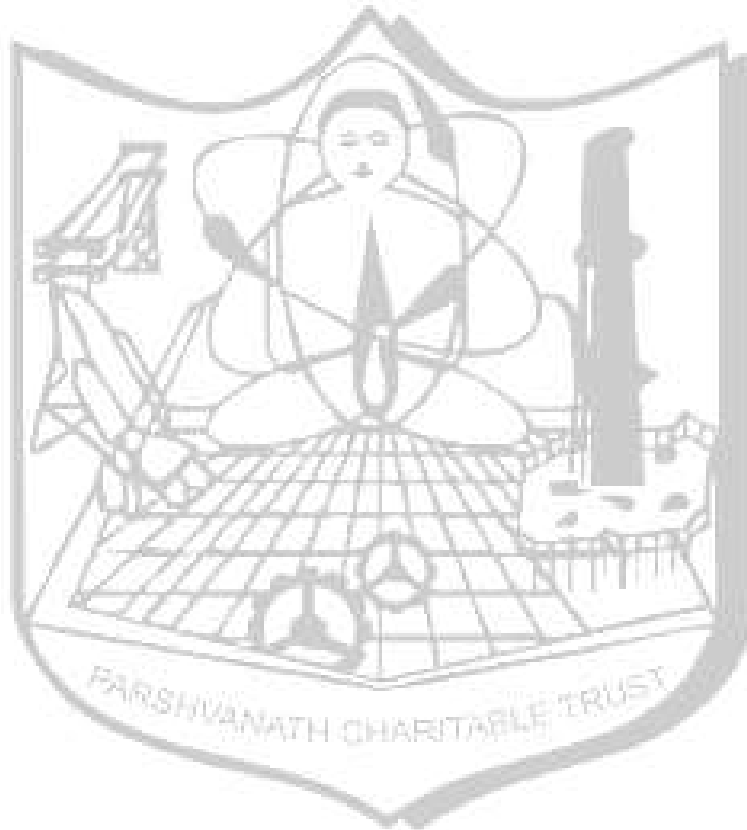
List of Experiments

1. Write a java program to demonstrate scanner & System.out.println.
2. Write a java program to display roots of quadratic equation.
3. Write a java program to count number of vowels, consonants, blank spaces & special character from given String.
4. Write a menu driven program in Java to implement simple banking application.
5. Write a Java program to demonstrate different constructors in java.
6. Write a Java program to demonstrate method overloading.
7. Write a Java program to demonstrate command line arguments and using same check whether entered string is palindrome or not.
8. Write a java program to demonstrate array & vector operations. Test whether given element is present in the vector array.
9. Write menu driven program to implement recursive functions for following :
 1. To print n Fibonacci numbers.
 2. To find reverse of number.
 3. To find X^Y
10. Write a Java Program to demonstrate different inheritances in java .
11. Write a Java program to demonstrate extending & implementing interfaces .
12. Write a Java Program to demonstrate user defined packages in java .
13. Write a java program to demonstrate exception handling using try, catch, throw and finally statement.



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14. Write java program to print table of Five, Seven and Thirteen using Multithreading.
15. Write a Java Program to draw smiley face/House using an Applet .
16. Write a Java program to create a registration form using AWT components.
17. Write a java program to implement Swing components namely Buttons, JLabels, Checkboxes, Radio Buttons, JComboBox etc.





Academic Year: 2019-2020
VI Subject: Software Design Lab
T.E / I.T

Semester:
Class / Branch:

List of Experiments

1. To identify requirements from given problem statement.
2. To prepare SRS documentation for given problem statement.
3. To study project scheduling using project planner tool.
4. To identify, define & design appropriate process model for given project using Dia.
5. To calculate project estimation in terms of efforts & cost.
6. To define the use cases for given problem statement and draw Use case diagram.
7. To draw the Activity & Sequence Diagram for given problem statement using Umbrello.
8. To draw the class diagram and collaboration diagram by identifying domain classes and components respectively from given problem statement using Umbrello.
9. To perform a Risk analysis & prepare a Risk Assessment Template using RIS & RMMM plan for given problem statement.
10. To demonstrate use of Orange Scrum for project management.
11. To study Docker and its role in DevOps.

Academic Year: 2019-2020
Subject: Big Data Lab
I.T

Semester: VIII
Class / Branch: B.E /



List of Experiments

- 1) Installation and Configuration of Multi node Hadoop Cluster and monitor its Performance.
- 2) Case Study on Hadoop Ecosystem.
- 3) Programming exercises on Hadoop using Pig, Hive, Hbase, Sqoop.
- 4) Installation of NoSQL Database (Mongo DB), Creation of record and perform queries using MongoDB.
- 5) Implementation of Matrix multiplication algorithm using Map-Reduce.
- 6) Implementation of Frequent Itemset Mining algorithm using Map-Reduce.
- 7) Implementation of Clustering algorithm using Map-Reduce.
- 8) Implementation of Social Network analysis using MapReduce on Cloudera.
- 9) Case Study on Hadoop Frameworks for Batch processing and Real Time Processing.
- 10) Implementation of Data Streaming algorithm using Map-Reduce.
- 11) Mini Project :One real life large data application to be implemented (Use standard Datasets available on the web Eg.kaggle) a) Twitter data analysis b) Fraud Detection c) Text Mining d) Recommendation Engines.

Academic Year: 2019-2020

Semester: V

Subject: Internet Programming Lab

Class / Branch: T.E / I.T

List of Experiments



1. To design an HTML page using CSS and Javascript.
2. To design a web page to display audio and video contents.
3. To create a web page embedding image map.
4. To develop RIA using AJAX.
5. To develop AJAX enabled web page using JSON as the data interchange format.
6. To study and implement XML and XSL.
7. To develop an application using PHP, MYSQL and APACHE.
8. To develop web page using content management system -Drupal.
9. To study serverside programming using PHP framework laravel.
10. To develop an application using RSETFUL API in PHP.
11. To develop an application using Django-Python web framework.
12. Mini Project: To develop a mini project using HTML,PHP, database etc.

Academic Year: 2019-2020

Semester: VII

Subject: Network Design Lab

Class / Branch: B.E / I.T

List of Experiments



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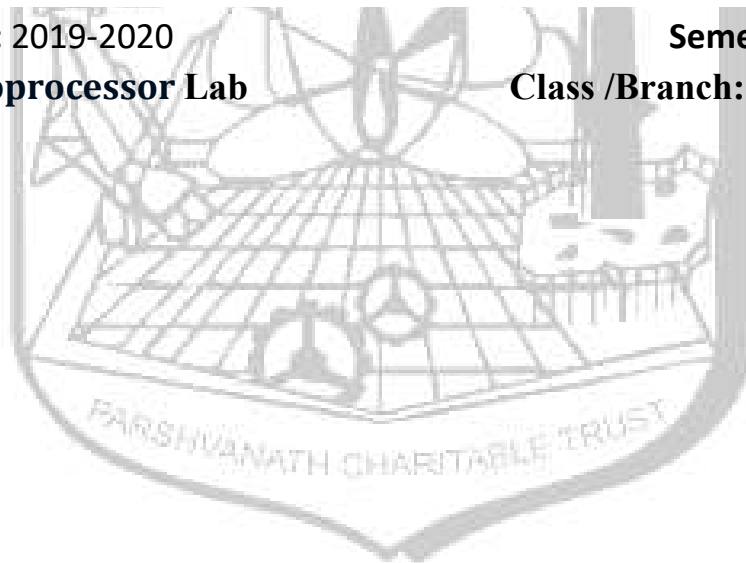
1. To Install Cisco packet tracer and Prepare a network requirement document for allotted Mini Project topic.
2. To Design and configure DHCP server using Cisco packet tracer.
3. To Design and configure simulation for NAT server.
4. To Design and configure simulation for Sub-netting of network and static routing server.
5. To Design and configure simulation for Dynamic routing based RIP protocol.
6. To Design and configure simulation for Dynamic routing based EIGRP protocol.
7. To Design and configure simulation for Dynamic routing based OSPF protocol.
8. To Design and Configure a VLANs on the switch/router.
9. To Design and Configure a Access List Configuration on the router.
10. To Design and Configure Firewall on server.
11. To Install and Configure Nagios tool for enterprise infrastructure monitoring
12. Mini Project Presentation.

Academic Year: 2019-2020

Semester: IV

Subject: Microprocessor Lab

Class /Branch: S.E /I.T





List of Experiments

1. Write an assembly language program for 16 bit addition.
2. Write an assembly language program to convert two digit packed BCD to unpacked BCD.
3. Write an assembly language program to move set of numbers from one memory block to another.
4. Write an assembly language program to find the largest number from a given set of numbers.
5. Write an assembly language program to search an alphabet in a given string.
6. Write an assembly language program to check whether a given string is a palindrome or not.
7. Write an assembly language program to reverse a given string using procedure.
8. Write an assembly language program to compute the factorial of a positive integer 'n' using recursive procedure.
9. To study the interfacing of microprocessor 8086 with Loic control interface(LCI)8255.
10. To study the interfacing of microprocessor 8086 with Digital to Analog converter(DAC)
11. To study the PC Motherboard Technology(South Bridge and North bridge)-
12. To study the PC Motherboard Technology(South Bridge and North bridge) .

Academic Year: 2019-2020 Semester: V Subject: OLAP Lab

Class / Branch: T.E / I.T

List of Experiments:



1. To study query optimization and path evaluation.
2. To simulate concurrency control algorithm.
3. To design a distributed database for an application.
4. To implement horizontal and vertical fragmentation on a distributed database.
5. To implement query processing on a distributed database.
6. To implement Temporal and Spatial databases.
7. To construct a star schema for a defined problem.
8. To perform ETL operations on designed data warehouse.
9. To construct a data warehouse for a defined problem.
10. To construct OLAP cubes.
11. To perform various OLAP operations and implement OLAP queries.

Academic Year: 2019-2020

Semester: VII

Subject: Android App Development Lab

Class / Branch: B.E / I.T

List of Experiments





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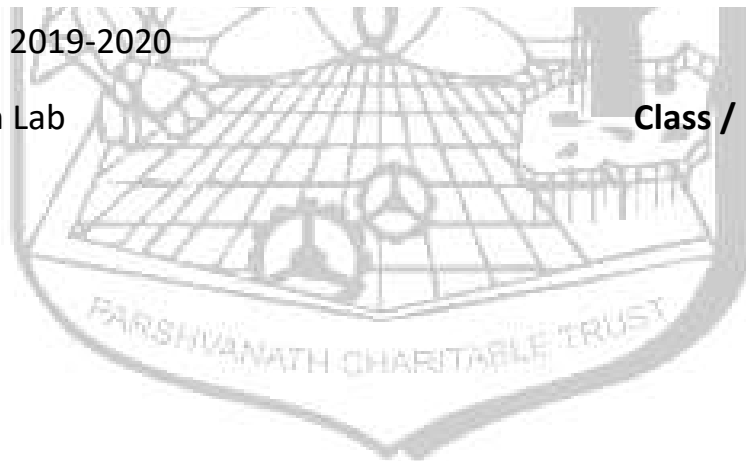
1. To study installation and configuration of Android Studio.
2. To implement Widget box for Android phone.
3. To develop an application that uses layout manager.
4. To develop an application to use Intents.
5. To develop application that make use of database.
6. To develop an app to find Latitude and Longitude of a mobile phone.
7. To develop an app for QR code reading.
8. To develop an app showing alerts.
9. To demonstrate Cross Platform Integrated Development Environment-Xamarin for mobile application development.
10. Mini Project: To develop an mobile application using Android Studio.

Academic Year: 2019-2020

Semester: IV

Subject: Python Lab

Class / Branch: S.E / I.T





List of Experiments

1. Write a python program to implement Comments, Data types, Expressions, Input and Output Functions and basic math operations.
2. Write a python program to implement Byte Array, Range, Set and String Function.
3. Write a python program to understand List, Tuples and dictionaries.
4. Write a python program to understand different decision making statements.
5. Write a python program to understand different looping statements.
6. Write a python program to understand Functions in Python.
7. Write a python program to understand Classes, Object and constructor in Python.
8. Write a python program to understand Matplotlib library in Python.
9. Write a python program to understand Inheritance and Polymorphism with Method Overloading and Method Overriding.
10. Write a python program to understand Exception handling in Python.
11. Write a python program to understand different File handling operations using pickle.
12. Write a python program to implement Lambda, map, reduce, filter and range function.
13. Write a python program to understand GUI designing using Tkinter.
14. Write a python program to understand creation of Layouts, Radio button, Check boxes and dialog boxes using Tkinter and Numpy.
15. Write a python program to understand Mysql database creation & Database (local and remote) connectivity with DML operations using Python.
16. Write a python program for designing a fortune teller server using TCP and Study and implement UDP Sockets in Python.

Academic Year: 2019-2020

Semester: VI

Subject: Business Intelligence Lab

Class / Branch: T.E / I.T



List of Experiments

1. Installation and study of data mining tools, WEKA and Rapidminer.
2. To study ARFF file format.
3. To perform data preprocessing tasks using open source tool, WEKA.
4. To perform data preprocessing task and analyze results using open source tool, Rapidminer.
5. To implement classifiers using open source tools.
6. To implement classifiers using JAVA.
7. To study clustering algorithms using open source tools.
8. To implement clustering algorithms using JAVA.
9. To study Association Mining Algorithms using open source tools.
10. To implement Association Mining Algorithms using JAVA.
11. To study Business Intelligence tool.
12. Business Intelligence Mini Project.

Academic Year: 2019-2020

Subject: Intelligence System Lab

Semester: VII

Class / Branch: B.E / I.T

List of Experiments



1. To design intelligent System using PEAS for various environments
2. To define problem with state space representation
3. To implement uninformed search algorithm
4. To implement informed search algorithm
5. To implement constraint satisfaction problem
6. To implement Tic Tac Toe problem using Min –Max and Alpha Beta Pruning.
7. To solve problem on predicate logic for forward and backward reasoning and resolution.
8. To design planning system using STRIPS
9. To implement Bayes' Belief Network
10. Mini Project : Construction of a domain specific ChatBot using Natural Language Processing

Academic Year: 2019-2020

Semester: V

Subject: IoT Mini Project Lab

Class / Branch: T.E / I.T

List of Experiments

1. Introduction to IoT, Application of IoT, Discussion on how to finalize problem definition. b) Conduct a survey of several available literatures and write a report on a device that you want as an IOT device from the surroundings, specifying the features, cost constraints and hardware and software requirements.
2. Introduction to the Arduino language (syntax and structure, variables and keyword, Control Structure, Arithmetic Operators and Boolean variables, Basic Functions), Working with PIR (motion sensor) and DHT11(Humidity temperature sensor)
3. Working with sensors, Relay functioning. Working with Ethernet board
4. Voice based IOT for smart Building applications
5. Introduction to Node MCU: Micro python An ESplorer Library
6. Node MCU interfacing with Cloud (REST API+MQTT)
7. Introduction to raspberry PI3
8. Raspberry Pie interfacing to sensors and communication to cloud
9. Report writing
10. Final presentation and report of Project
11. Final presentation and report of Project



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Academic Year: 2019-2020

Semester: VI

Subject: Sensor Network Lab

Class / Branch: T.E /I.T

S.No	Experiment List
1	1.0 To study and compare sensor nodes from different node families and do analysis as to which will be suitable for their application development.
2	2.1 To study different WSN Opensource simulators like Contiki Cooja, Cupcarbon, MSPsim). 2.2 Interfacing sensor with ThingSpeak and graph plotting.
3	3.1 To perform basic Hello World program in Cooja. 3.2 To Simulate Broadcasting, RPL and LED on Cooja.
4	4.1 Implement COAP protocol on contiki cooja. 4.2 Introduction and installation of node-red on windows/linux/IoS system. 4.3 Experiment to deploy a flow in node-red to replace a particular string with another.
5	5.1 Implementation and demonstration of MQTT on Node-Red 5.2 MQTT dashboard for controlling LED connected to NodeMCU
6	6.1 Working with flows, subflows and Context in Node-red 6.2 To work with the dashboard module in Node-red
7	7.1 Designing dashboard on Node-red specific to your project application. 7.2 Fetching real time data using Node-red. 7.3 Design your project specific real time data Fetching using Node-red.
8	8.1 Storing the data of your own MQTT server in the SQL server database
9	Develop an API for the Project Topic selected.
10	Mini Project : To Connect previous semester IOT Lab project with website/app using wireless devices like Bluetooth/Zigbee/WiFi etc.

Academic Year: 2019-2020

Semester: VIII

Subject: Sensor Network Lab

Class / Branch: B.E /I.T



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S.No	Experiment List
1	a) To study and compare sensor motes from different mote families and do analysis as to which will be suitable for their application development. b) Do a survey on the area of your mini project about the current technology in that area and present it in the form of a paper
2	a) To study different WSN opensource simulators like Contiki Cooja, Cupcarbon, MSPsim). b) Sensing and analysing values from a sensor on arduino, Raspberry pie and NodeMCU and compare their response time and efficiency depending on the problem at hand.
3	Programming Triggers from Thingspeak / Carriots/Temboo.
4	Basics for designing your own circuit board and an example design of a mote on fritzing for the area of your mini project.
5	Implementation of COAP and 6LoWPAN in Contiki Cooja
6	Introduction to Micropython and Esplorer Library
7	REST API - GET using micropython and Node MCU
8	Implementation and demonstration of MQTT by switching lights ON-OFF.
9	Implementation of Zigbee in an application.
10	Exploring and using Tools like Chef/Puppet/Ansible for IoT Data Analytics

Academic Year: 2019-2020

Semester: III

Subject: SQL Lab

Class / Branch: S.E / I.T

List of Experiments



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1. To install and configure MySQL in linux.
2. To study Data Definition commands, Data Manipulation commands and various database keys in MySQL.
3. To study and implement Clauses and Nested queries.
4. To study Complex Queries using group by, nested queries, recursive queries
5. To study and implement Triggers and Views
6. To study and implement various types of Joins.
7. To study and implement Cursors in database.
8. Design and implementation of a database with front end using JDBC.
9. Design and implement PHP and MySQL database connectivity to extract database contents using PHP programming
10. To study and implement indexing using B tree and B+ tree
11. To study database backup and restoration procedure by using mysql dump.
12. To study and implement replication in Postgresql.

Academic Year: 2019-2020

Semester: IV

Subject: Unix Lab

Class / Branch: S.E /I.T



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Sr. No.	List of Experiments
1	To study UNIX general purpose utility commands.
2	To study UNIX networking commands (ifconfig, ping, traceroute, netstat, nslookup, whois, tcpdump).
3	To study .bashrc, /etc/bashrc and Environment variables.
4	To study File and directory permissions
5	To study Vi editor
6	To study Bash shell, Bourne shell and C shell in Unix operating system
7	To study Process management in UNIX
8	To study Memory management in UNIX
9	To study File system management in UNIX
10	To study User management in UNIX
11	To set the length of a line in file to a variable using a pipeline and command substitution
12	To study installation of UNIX Operating System with special installation procedures
13	To study VNC installation procedure of UNIX Operating System
14	Write a shell script program to create directory, write contents on that and copy to a suitable location
15	Write a shell script program to check whether given file is a directory or not.
16	Write a shell script program to count number of files in a directory
17	Write a grep script to find the number of words, character, and lines in a file
18	Write a shell script using sed command to print duplicated lines of input
19	Write an awk script to develop a Fibonacci Series.
20	Write a perl script to print prime numbers upto nth number
21	Write an egrep script to display list of files in the directory.

Academic Year: 2019-2020

Semester: VIII

Subject: R Programming Lab

Class / Branch: B.E /I.T

List of Experiments



1. Installing R on Ubuntu, Familiarization with R.
2. To use loop, conditional statement and functions in R.
3. To perform Exploratory Data Analysis on diamonds dataset in Rstudio.
4. Graphs Plotting using ggplot2 library.
5. To perform Regression and Correlation on diamonds dataset.
6. Mini Project:
 - a. Extracting data from a large Dataset
 - b. Exploratory analysis
 - c. Using Mining algorithm
 - d. Visualizations and interpretation of results

Academic Year: 2019-2020

Semester: V

Subject: Security Lab

Class / Branch: T.E / I.T

List of Experiments

1. To study access control list and configuration of proxy server by using SQUID.
2. To study IP spoofing and ARP spoofing over a local area network.
3. A) To study installation and configuration of Linux Kernel firewall iptables.
B) To study analysis of network packets by using open source sniffing tools like tcpdump and Wireshark in promiscuous and non-promiscuous mode.
4. To use nmap for network discovery and security auditing.
5. To simulate DOS attack by using HPING and other tools.
6. To study Intrusion Detection system SNORT and its log analysis.
7. To study usage of NESUS/ISO Kaali Linux for scanning network Vulnerabilities.
8. To demonstrate Computer Security System Honeypots and Web Vulnerability SQL Injection.
9. To study and implement IPSEC in Linux.
10. To study and test message integrity by using MD5, SHA-1 for varying message sizes
11. To study symmetric and asymmetric encryption methods using Cryptool.
12. To study and analyze RSA cryptosystem and digital signature scheme.



Advanced Security Lab

Class / Branch: B.E / I.T

Sr. No	List of Experiments
1	To set up personal Firewall using Iptables.
2	To explore Kali Linux and inbuilt tools for re-connaissance and ethical hacking.
3	To implementation and analyse SQL injection Attack
4	To Implement Buffer overflow attack and its analysis using Splint, Cppcheck etc.
5	Exploring wireless security tools like Kismet, NetStumbler etc.
6	Performing a penetration testing using Metasploit
7	Exploring Router security, access lists using packet tracer
8	Exploring VPN security using Packet tracer
9	Exploring Authentication and access control using RADIUS, TACACS and TACACS+
10	Install and use a security app on an Android mobile (e.g. Droidcrypt)
11	Explore forensics tools in Kali Linux for acquiring, analyzing and duplicating data
12	Configuration of mod Security, core rule set on apache server.

Networking Lab

Class / Branch: S.E / I.T

List of Experiments





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1. To study ARP use working for local and non-local traffic by using Netkit Emulator.
2. To study installation of Wire shark and analysis of packet headers.
3. To study three-way handshaking for connection oriented services by using packet capturing tool like tcpdump.
4. To study and implement UDP client and UDP server.
5. To Study and implement TCP client and TCP server.
6. To study installation and configuration of NS2.35 simulator.
7. To study and implement network topologies with respect to TCP and UDP NAM.
8. To study and analyze routing protocols with respect to QOS Parameter.
9. To study requirements and scope of Subnetting and Network Address Translation by using Netkit Emulator.
10. To study use of CISCO packet tracer for designing Organization network Using Subnetting
11. Case Study: To study network installation of linux operating system by using DHCP, TFTP and any repository server like HTTP or NFS.

Subject: Cloud Service Design Lab

Class / Branch: T.E / I.T

List of Experiments



1. To study cloud computing and architecture
2. To implement desktop virtualization using hosted hypervisors.
3. To create and run virtual machine using bare metal hypervisor.
4. To demonstrate on-demand application delivery using Ulteo to explore SaaS Environment.
5. To demonstrate installation and configuration of OpenStack Private Cloud.
6. To deploy a web server in a VPC using AWS.
7. To demonstrate scaling and load balancing of architecture using AWS.
8. To demonstrate Platform as a Service using Google App Engine.
9. To deploy storage as a service using OwnCloud.
10. To demonstrate S3 and Glacier storage using AWS
11. Case study on Microsoft Azure.

Subject: Devops Lab

Class / Branch: B.E / I.T

List of Experiments





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1. Case Study on DevOps in terms of Code, Build, Test, Configure & Monitor phases of Software Applications.
2. To Install and Configure Jenkins to test, and deploy Java and Maven Applications using eclipse.
3. To Perform Version Control on Websites/Softwares using Revision Control System (RCS) and Concurrent Versioning System (CVS).
4. To Perform Version Control on Websites/Softwares using distributed version-control system GIT .
5. To Install and Configure Docker for creating Containers of different Operating System Images.
6. To Build, deploy and manage web or Java application on Docker.
7. To Perform Software Installation, Configuration, Management and Provisioning using Ansible.
8. To Perform Software Installation, Configuration Management and Provisioning using Puppet.
9. To Install and Configure Nagios for infrastructure monitoring.
10. Case Study on Kubernetes and its Deployment on linux cluster.





Academic Year: 2019-2020

Semester: III

Subject: Digital Design Lab

Class / Branch: S.E / I.T

List of Experiments

1. To study & Verify Logic Gates (Basic & Universal).
2. To state & prove De-morgan's theorem and realize the given Boolean expressions.

$$Y = \overline{A}B (B + C) + AB (\overline{B} + C)$$

$$Y = ABC(\overline{C}D) + \overline{B} CD + (\overline{A}C) (B + D)$$

3. To design Half adder, full Adder and Half Subtractor using Logic gates.
4. To Verify the operation of 2- bit magnitude comparator.
5. To verify truth table of IC 74151, 8:1 MUX and implement the following using only one 8:1 MUX with few logic gates.

$$F(A,B,C,D) = \Sigma m (0,2,4,5,7,8,12,14,15)$$

6. a) To Design and Verify the truth table of SR Flip Flop and JK Flip Flop using IC 7476.
b) Implement T Flip Flop and D Flip Flop using JK Flip Flop.
7. To design serial and parallel Shift Registers using flip flops
8. To realize 3 bit Asynchronous Counter.
9. To design and test of Ring Counter and Jhonson Counter.
10. To evaluate and observe boolean expression using PLA and PAL.
11. To realize Basic Gate using VHDL.



10.15.5 Teaching Learning Process

ACADEMIC CALENDAR

- 1) Academic Calendar is prepared by the Time table committee (centrally) in consultation with ISC based on calendar of University of Mumbai.
- 2) Department academic calendar of events is prepared:
 - i. It is based on institute academic calendar of events.
 - ii. It consists of the activities planned for the semester which includes academic activities, internal test dates, conduction of events like organizing guest lectures etc.

TEACHING PEDAGOGIES

Learning in Classrooms

To increase the student's participation, interaction, learning and interest in lectures, Faculties use the following options

- Chalk board
 - Projector
 - Smart board
 - Audio-video teaching aids
 - Inclusion of visuals and animation
 - Online resource from standard source etc.
 - Presentation by students to enhance learning
 - Group discussion on subject topic
 - Mindmaps, Simulation Tools
 - Moodle, e-learning platform
- a) To recall the content learnt in class.
 - b) Absent student gets the benefit of learning the content of their missed lecture.
 - c) Study material is readily available of entire subject.
 - d) Facilitates HOD to monitor the progress of academics.

Our classrooms are well equipped with

- Projectors
- Smart Board
- Air conditioners
- Laptops are used for teaching purposes and internet facility is available to students and faculties.



- Power backup for IT infrastructure.

Learning in Laboratory

Quality of Laboratory experience

- Experiments are planned and conducted as prescribed by UOM syllabus.
- List of experiments may be revised.
- Lab manual provides general guidelines and procedure for conduct of experiments.
- Every student gets an opportunity to get hands on work experience on kits, equipments, computers etc.
- Results/output obtained are monitored by the faculties.
- Experiment writing is completed by the students immediately after the completion of the experiments and is assessed/evaluated in the next laboratory session as per rubrics.

Learning through projects

- i) Mini Projects
- ii) Project Based Learning: During the period of study, many projects are given to the students and they are guided by both faculty and Industry/Research personnel.
- iii) Final year projects
 - a) Students get an opportunity to implement the knowledge of technologies learnt in curriculum and PBL activities that enhance the student's literature survey, planning and teamwork abilities.
 - b) It also inculcates research aptitude in the students.

C. POLICY FOR BRIGHTER AND WEAKER STUDENTS

The policy for identification of Bright and Weak students is as mentioned below

- i) Bright and Weak students are identified class wise.
- ii) These students are identified based on the Unit Test 1 results and by observation by the faculties teaching the class.



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- iii) Common students are considered by the class co-ordinator and the faculties as bright and weak students.
- iv) The lists of bright and weak students are shared with the respective mentors.

ACTION PLAN

Weak Students

The following initiatives are taken for the weak students

- i) Mentoring
- ii) Counselling if any
- iii) Remedial lectures and /or exam practice with Question bank

Bright Students

The following initiatives are taken for the bright students

- i) Encouragement to participate in technical seminars, workshops
- ii) Encouragement to do NPTEL courses, video lectures
- iii) Encourage the students to prepare for GATE, GRE, TOEFL or any competitive exams
- iv) Motivate the students to carry out project/ practical assignments and/or to review latest research papers
- v) Interaction of senior bright students with junior bright/weak students

STUDENT FEEDBACK ON TEACHING LEARNING PROCESS

The methodology of feedback adopted at A. P. Shah Institute of Technology comprises of:

- i. Feedback collection process
- ii. Feedback assessment process

**Feedba
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collecti
on**



process

- Feedback mechanism is well organized system in the college.
- Feedback is collected for all the courses.
- Feedback for the courses is taken from the students in the form of Online and Offline feedback.

Table. 2.2.1.1: Feedback collection process for quality of teaching

Items	Description
Scope of Feedback	All courses
Feedback medium	Online & Offline
Feedback receiver	HOD / Principal / Deans
Frequency of feedback collection	Once in a semester
Parameters of Quality Teaching	<ul style="list-style-type: none"> • Subject knowledge of the teacher • Syllabus coverage by the teacher • Communication skills of the teacher • Faculty regularity and punctuality • Initiative of the teacher to encourage students to raise subject related queries and providing solutions • Student's willingness to learn additional subjects in the next semester from the teacher • Use of Moodle Server by the teacher • Extra knowledge other than subject given by the teacher
Index Value	5 – Excellent 4 – Very Good 3 – Good 2 – Fair 1 – Average

Feedback assessment process

I. Online Feedback

- Students of all courses give Feedback in computer labs



through a software developed by the college

- All the parameters mentioned in table 2.2.1.1 carry equal weightage. Students give feedback for each parameter on a scale of 1 to 5.
- The average of scores of each parameter is calculated by the software. This average is the feedback score of the concerned faculty.
- The contents of the feedback are shared with each faculty member individually.

II. Offline Feedback

- The Principal and Dean Academics take offline feedback about academics and infrastructure from entire class once in a semester.
- This feedback is logically assessed by the Principal and Dean Academics.
- The important outcomes of offline feedback related to academics are shared with concerned Head of Department.

Quality of internal semester Question papers, Assignments and Evaluation

INTERNAL ASSESMENT:

- a) The Internal assessment test is conducted as per the Institute Academic Calendar.
- b) The general guidelines for paper setting are published on the e-learning platform.
- c) The question papers are prepared based on the course outcomes and the given guidelines.
- d) Answer sheets are assessed and marks are uploaded on college web store.

ASSIGNMENT

- a) The general guidelines for assignment are published on the e-learning platform.



- b) Questions of the assignment are prepared based on the guidelines given.

QUALITY OF STUDENT PROJECTS

Students are encouraged to work with innovative ideas and focus on current technological trends to do their Seminars and Projects in the final year, to acquire knowledge beyond syllabus.

Initiatives Provided for Student Projects

- Students are provided with a brief idea of various fields for selecting the project ideas during the end of 6th Semester
- The list of previous year projects is displayed which ensures no repetition of project work and also encourages students to enhance the previous works.
- The faculties encourage the students to carry out in house projects and support will be provided with all necessary software and hardware.
- The faculties encourage students to participate in project exhibitions. The project exhibition aims to provide a common platform to exhibit their innovations and their work towards excellence in latest technology.
- The faculties encourage students to publish their project work in journals/conferences.

Implementation

A project coordinator is appointed by the Head of the department who is responsible for coordination with guides in planning, scheduling and execution of all the activities related to the student project work.

PROCESS OF BE PROJECT SELECTION

1. Formation of groups for project (Minimum 2 and Maximum 4 students per group).
2. Domain Finalization by the project group members.
3. Simultaneously project topic submission by faculties to create a repository.



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4. First round of presentation of the proposed project topic by the students.
5. Second round of presentation of the proposed project topic by the students incorporating the points mentioned by the department faculties.
6. For the group whose first proposed topic was not accepted a presentation for another proposed project topic.
7. Based on the second round of presentation approval or rejection of the proposed project topic.
8. If the proposed project topic presented is accepted then the topic for that group is finalized.
9. If the project topic is not approved then the group has to select a topic from the repository of topics submitted by all the department faculties.
10. After the project topic finalization guide is allocated to each group based on their domain expertise.

INDUSTRY INTERACTION

The following are the procedures followed for industry interaction.

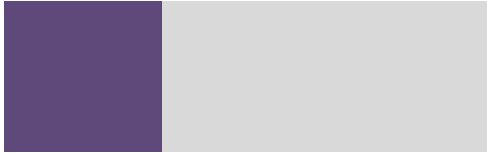
1. Industrial visit to know the working standards, process and procedures involved in an industry.
2. Industry personnel are invited to the College to discuss about the current standards and trends in the relevant core areas and the expectation of the industry from the students. This type of programs helps the students to get updated in the field of interest
3. Industry associated Labs are encouraged to help the students to get exposure to the tools being used in the industry.

INDUSTRY INTERNSHIP/ SUMMER TRAINING

- Students are encouraged for industry internships during the summer and winter vacations.
- College training department helps to identify openings for internship.



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- Students gets exposure to certain trending technologies in the college premises itself through project-based learning courses conducted by industry experts.

