



**MANDATORY DISCLOSURE**  
**2021-22**

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 February 2022
A AICTE File No.	Western/1-9317796412/2021/EOA
B Date & Period of last approval	02-July-2021 AY 2021-2022
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	<a href="mailto:principal@apsit.org.in">principal@apsit.org.in</a>
Website	<a href="http://www.apsit.edu.in">www.apsit.edu.in</a>
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  
22<sup>nd</sup> November 1993

Website of the organization  
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**10.3** Name of Principal / Director  
Dr. U. D. Kolekar

Exact Designation  
Principal

Phone number with STD code  
(022) 25973737

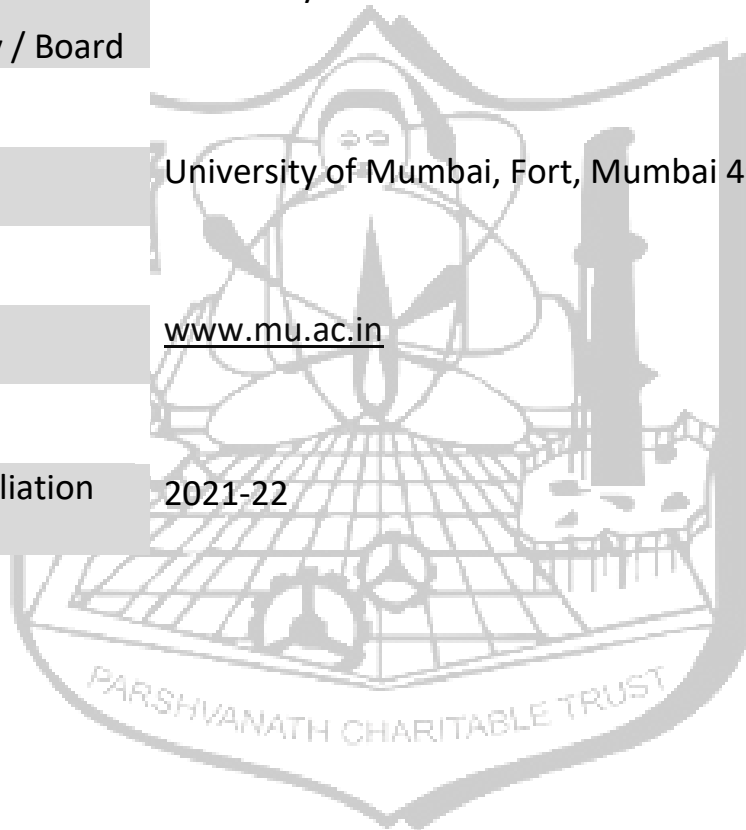
FAX number with STD code  
(022) 25973739

Email  
[principal@apsit.org.in](mailto:principal@apsit.org.in)



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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	<a href="http://www.mu.ac.in">www.mu.ac.in</a>
Latest affiliation period	2021-22





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**10.5 Governance:**

**10.5.1** Governing Board Members

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



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

Frequency of  
meetings & date  
of last meeting

Once in a Year

**17-May-2021**



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**10.5.2** Academic Advisory  
Body (CDC)

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

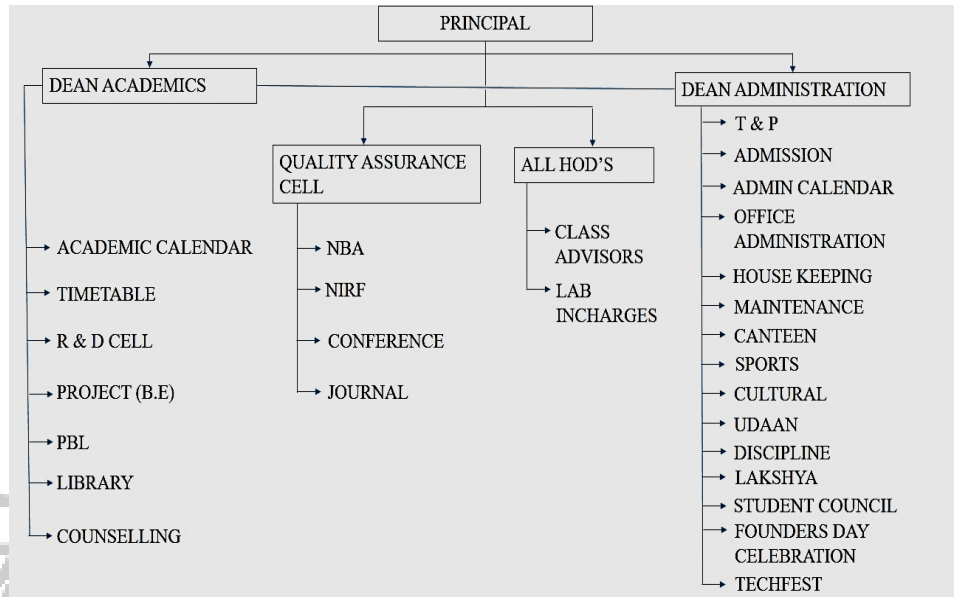
**10.5.3** Frequency of  
meetings & date of  
last meeting

**Once in a year**  
**09-July-2021**



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



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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. Dilip V.Kunte	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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		Dr. Mamta P Kurvey	Member
		Dr. Mugdha Agarwadkar	Member

**10.6.A** Name of the Department\* Mechanical Engineering

Course BE

Level UG

1st Year of approval by the Council 2014

	Year wise Sanctioned Intake	2021-22 120	2020-21 120	2019-20 120
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	Year wise Actual Admissions	2021-22 10	2020-21 33+6(TFWS)	2019-20 60+6(TFWS)
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	Cut off marks – General quota	2021-22 37.67	2020-21 8.54	2019-20 70.94
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% Students passed with Distinction	2020-21	2019-20	2018-19
	38.25 %	29.41%	44.87%

% Students passed with First Class	2020-21	2019-20	2018-19
	59.06 %	53.78%	50.00%

Students Placed	2020-21	2019-20	2018-19
	31	20	33

Average Pay package, Rs./Year	2020-21	2019-20	2018-19
	2.4 L/Year	7.5 L/year	3.22 L/Year

Students opted for Higher Studies	2020-21	2019-20	2018-19
	02	00	03

Accreditation Status of the course	Sr. No	Accreditation	Status
	1	NBA	NBA Accredited for Mechanical Engineering, Electronics and Telecommunication, Computer Engineering, Information Technology, & Civil Engineering Courses for 3 Years
	2	NAAC	Not Applied



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**Doctoral Courses** No

**Foreign Collaborations, if** No

**Professional Society member** LMISTE, ISHRAE, SAE

**Professional activities**

Sr. No	Organization	Achievement	Faculty
1	ISHRAE	Elected as a Students Activity Chair for ISHRAE Thane Chapter	Mr. U. M. Momin
2	ISHRAE	ISHRAE Thane Chapter Star of the Month- August 2021	Mr. U. M. Momin
3	Dassault	Project was selected among Top 100 in India in competition organized by La Foundation Dssault Systemes]	Dr. T. Y. Shaikh
4	ENACTUS Manipal University, Jaipur	Awarded by Certificate of Appreciation for being as an Outstanding Judge for the event EUNOIA'21	Dr. T. Y. Shaikh
5	Yuva Incubated in association with K.I.T.E.S Education	Awarded by Certificate of Appreciation for having served as "Guest Speaker" at National Webinar on ' Aatmanirbahar Bharat with Innovative Educators & Entrepreneures'	Dr. T. Y. Shaikh



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6	Yuva IncubatedED in association with K.I.T.E.S Education	Awarded by Certificate of Appreciation for having served as "Panelist" at National Webinar on 'Entrepreneurs: Future of the Country'	Dr. T. Y. Shaikh
7	MSC User Conference 2021	"2 nd Runner- up at Hexagon, 01 and 02 september for presenting reasearch paper"	Mr. B. R. Chavan
8	IMS Auditor Programme	IMS INTERNAL AUDITIOR TRAINING PROGRAMME ON (ISO 9001:2015, ISO 14001:2015 , ISO 45001:2018)	Mr. S. M. Patankar
9	K J Somaiya College of Engineering, Mumbai	Expert Lecture delivered on Softwares in Additive Manufacturing	Dr. J. A. Goyal
10	ISHRAE	A key note speaker on "How to choose a project topic and improve report writing skills and How to get funding for a project"	Dr. T. Y. Shaikh
11	ISHRAE	A key note speaker on "How to choose a project topic and improve report writing skills and How to get funding for a project"	Mr. U. M. Momin
12	AICTE Sponsored FDP under ATAL Scheme	Electric Vehicles: Design to Product Development, FDP Coordinator	Dr. S. B. Sawargave

**FACULTY ACHIEVEMENTS A.Y. 2020-21 (Mechanical)**

Sr. No.	Organization	Achievement	Faculty
1	AICTE sponsored FDP organized by Government College Amravati	Expert Lecture delivered on Emerging Trends in Energy Management	Dr. J.A. Goyal



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2	AICTE sponsored FDP organized by Government College Amravati	Expert Lecture delivered on Emerging Trends in Energy Management	Dr. J.A. Goyal
3	ISHRAE	Organises a Quiz Competition on the occasion of World Refrigeration Day	Mr. U. M. Momin
4	Advances in Science, Technology and Engineering Systems Journal	Paper Reviewer in Advances in Science, Technology and Engineering Systems Journal (ASTESJ)	Ms. S. T. Bagg
5	FCRIT, Vashi	Paper Reviewer in Advances for ICNTE, 2021 FCRIT, Vashi	Ms. Arti Vishwanth
6	MSC ADAMS	FDP program co-ordinator	Mr. S. M. Kondawar
7	APSIT SKILLS	Conducted five days hands on session on Autodesk Inventor essential (4 sessions)	Mr. S. M. Kondawar
8	APSIT SKILLS	Conducted five days hands on session on Solidworks essential (4 sessions)	Mr. B.R. Chavan
9	DELMIA	Program co-ordinator for STTP	Mr. B.R. Chavan
10	MSC ADAMS	Program co-ordinator for STTP	Mr. B.R. Chavan

Consultancy activities No

Grants fetched ❖



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**Departmental Achievements**

**FACULTY ACHIEVEMENTS A.Y. 2021-22 (Mechanical)**

Sr. No	Organization	Achievement	Faculty
1	ISHRAE	Elected as a Students Activity Chair for ISHRAE Thane Chapter	Mr. U. M. Momin
2	ISHRAE	ISHRAE Thane Chapter Star of the Month- August 2021	Mr. U. M. Momin
3	Dassault	Project was selected among Top 100 in India in competition organized by La Foundation Dssault Systemes]	Dr. T. Y. Shaikh
4	ENACTUS Manipal University, Jaipur	Awarded by Certificate of Appreciation for being as an Outstanding Judge for the event EUNOIA'21	Dr. T. Y. Shaikh
5	Yuva IncubatED in association with K.I.T.E.S Education	Awarded by Certificate of Appreciation for having served as "Guest Speaker" at National Webinar on 'Aatmanirbahar Bharat with Innovative Educators & Entrepreneures'	Dr. T. Y. Shaikh
6	Yuva IncubatED in association with K.I.T.E.S Education	Awarded by Certificate of Appreciation for having served as "Panelist" at National Webinar on 'Entrepreneures: Future of the Country'	Dr. T. Y. Shaikh
7	MSC User Conference 2021	"2 nd Runner- up at Hexagon, 01 and 02 september for presenting reasarch paper"	Mr. B. R. Chavan



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8	IMS Auditor Programme	IMS INTERNAL AUDITOR TRAINING PROGRAMME ON (ISO 9001:2015, ISO 14001:2015 , ISO 45001:2018)	Mr. S. M. Patankar
9	K J Somaiya College of Engineering, Mumbai	Expert Lecture delivered on Softwares in Additive Manufacturing	Dr. J. A. Goyal
10	ISHRAE	A key note speaker on "How to choose a project topic and improve report writing skills and How to get funding for a project"	Dr. T. Y. Shaikh
11	ISHRAE	A key note speaker on "How to choose a project topic and improve report writing skills and How to get funding for a project"	Mr. U. M. Momin
12	AICTE Sponsored FDP under ATAL Scheme	Electric Vehicles: Design to Product Development, FDP Coordinator	Dr. S. B. Sawargave

**FACULTY ACHIEVEMENTS A.Y. 2020-21 (Mechanical)**

Sr. No.	Organization	Achievement	Faculty
1	AICTE sponsored FDP organized by Government College Amravati	Expert Lecture delivered on Emerging Trends in Energy Management	Dr. J.A. Goyal
2	AICTE sponsored FDP organized by Government College Amravati	Expert Lecture delivered on Emerging Trends in Energy Management	Dr. J.A. Goyal
3	ISHRAE	Organises a Quiz Competition on the	Mr. U. M. Momin



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		occasion of World Refrigeration Day	
4	Advances in Science, Technology and Engineering Systems Journal	Paper Reviewer in Advances in Science, Technology and Engineering Systems Journal (ASTESJ)	Ms. S. T. Bagg
5	FCRIT, Vashi	Paper Reviewer in Advances for ICNTE, 2021 FCRIT, Vashi	Ms. Arti Vishwanth
6	MSC ADAMS	FDP program co-ordinator	Mr. S. M. Kondawar
7	APSIT SKILLS	Conducted five days hands on session on Autodesk Inventor essential (4 sessions)	Mr. S. M. Kondawar
8	APSIT SKILLS	Conducted five days hands on session on Solidworks essential (4 sessions)	Mr. B.R. Chavan
9	DELMIA	Program co-ordinator for STTP	Mr. B.R. Chavan
10	MSC ADAMS	Program co-ordinator for STTP	Mr. B.R. Chavan

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	2021-22	2020-21	2019-20
	0	60	60

Year wise Actual Admissions	2021-22	2020-21	2019-20
	0	22+3(TFPS)	52+3(TFWS)+1(J&K)

Cut off marks – General quota	2021-22	2020-21	2019-20
	0	15.72	47.33

% Students passed with Distinction	2020-21	2019-20	2018-19
	38.59 %	100 %	44.44%



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% Students passed with First Class	2020-21	2019-20	2018-19
	24.56 %	0 %	80.55%

Students Placed	2020-21	2019-20	2018-19
	24	18	17

Average Pay package, Rs./Year	2020-21	2019-20	2018-19
	3 lakhs	3.6 lacs/year	2.5 L/Year

Students opted for Higher Studies	2020-21	2019-20	2018-19
	2	01	02

Accreditation Status of the course	Sr. No	Accreditation	Status
	1	NBA	NBA Accredited for Mechanical Engineering, Electronics and Telecommunication, Computer Engineering, Information Technology, & Civil Engineering Courses for 3 Years
	2	NAAC	Not Applied

Doctoral Courses	No
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Foreign Collaboratio n, if any	No
Professional Society member Professional activities	IETE, IEEE  <ol style="list-style-type: none"><li>1. Online Technical event “Byte This Panel Game” organised on 7th November, 2020</li><li>2. Online Technical event called “TECHJUVENATE” organised on 31st March, 2021</li><li>3. Online Technical Event BRAIN CHRONICLES WIZARDING TOURNAMENT organised on 31st July, 2021.</li></ol>
Consultancy	<ol style="list-style-type: none"><li>1. Prof. Selvin Furtado is an R&amp;D Consultant for Aunoa Solutions Pvt. Ltd. since 17th March 2020 till 16th March 2021. Aunoa Solutions was charged a monthly retainer of ₹22,000/- for my services.</li><li>2. Since 17th March 2021, the retainer is increased to ₹28,600/-.</li></ol>
Grants fetched	Received a grant of Rs. 93,000 from AICTE for conducting online ATAL Faculty Development Program on IoT: A Journey from Sensor to Server (Jan 4-8, 2022).



Departmental Achievements

**2021-22**

1. Prof. Jay Mehta completed global certification of Huawei Routing & Switching on Sep 8, 2021.
2. Prof. Jay Mehta completed global certification of Palo Alto: PCCET Certification on July 9, 2021
3. Prof. Sonia Aneesh completed global certification of CISCO Network Associate on Sep 18, 2021
4. Prof. Sonia Aneesh completed global certification of AWS Solution Architect on Nov 23, 2021.
5. Dr. S. L. Shelgaonkar completed 5 days ATAL FDP on Electric Vehicle: Design to product Development, Sep 1-5, 2021 organised by A. P. Shah Institute of Technology.
6. Dr. Mamta Kurvey completed one week online FDP on G suite and Allied tools in education, teaching and e-content development, June 26-July 4, 2021.
7. Prof. Selvin Furtado, Prof. Adesh Hardas and Prof. Mahesh Pawaskar completed Microchip academy educator training of Microchip ATMEGA16, July 24, 2021.
8. Prof. Selvin Furtado, Prof. Adesh Hardas and Prof. Mahesh Pawaskar completed AVR Microcontroller Programming of Microchip Academic Program.



9. Prof. Tejashri Kolhe completed the Industry training on DevNet Associate-EduSkills Foundation by CISCO Networking Academy.

**2020-21**

10. EXTC department in association with University of Mumbai organised the Orientation Program on Mini Project 2-A for C scheme, July 2021.

11. Prof. Selvin Furtado, Prof. Adesh Hardas and Prof. Mahesh Pawaskar conducted Embedded Automation Course under Apsit Skills and trained approximately 80 students.

12. Prof. Sonia Aneesh translated files of the course Digital Electronic Circuits (Lec 1-10 & 21-30) offered by IIT Kharagpur in Hindi language under the NPTEL translation project, Aug-Sep 2020.

13. Prof. Sonia Aneesh translated files of the course Integrated Circuits, MOSFETs, Op-Amps and their applications (108108111-Lec 31-40) offered by IISc Bangalore in Hindi language under the NPTEL translation project, April, 2021.

14. Prof. Mahesh Pawaskar, Ankit Khandeparkar, Prof. A. C. Hardas and Prof. S. Aneesh, published a paper on "Surveillance and Controlling of Firebird-V Based Hexapod using Raspberry Pi," in 2020 IEEE International Conference



for Innovation in Technology (INOCON), 2020, pp. 1-4, doi: 10.1109/INOCON50539.2020.9298275.

15. Prof. Mahesh Pawaskar presented a paper at the international conference on Smart Data Intelligence (ICSMDI 2021) on the topic "A Review on HEVC and AVC based Video Compression Technique", 29-30 April, 2021

16. Prof. Jay Mehta published a paper on Smart Autobilling Shopping Trolley For Malls in JETIR April 2021 Volume 8 Issue 4 ISSN 2349-5162.

17. Dr. Mamta Kurvey published a paper on "UVC Robotic Floor Cleaner to Fight Against Covid-19" in JETIR April 2021, Volume 8, Issue 4 ISSN-2349-5162.

18. Prof. Prashant Ahire published a paper on "Mobile Communication for Rural Development Using VSAT" in JETIR March 2021, Volume 8, Issue 3 ISSN-2349-5162

19. Dr. Mamta Kurvey, Prof. Sonia Aneesh and Prof. Mahesh Pawaskar completed an ATAL FDP on IoT in 5G Technology, June 21-26, 2021 organized by Silicon Institute of technology.

20. All faculties of the department participated in ISTE approved five days FDP on Research in Engineering- a way forward, conducted at APSIT from July 6-10, 2020.



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21. Prof. Sonia Aneesh was the 5% topper for the NPTEL course on NATE: NBA accreditation & Teaching in Engg. Course, Jan-April, 2021.
22. Prof. Tejashri Kolhe and Prof. Afreenzehra Sayed completed the NPTEL course on Computer Networks and Internet Protocol, Jan -April, 2021.
23. Prof. Sonia Aneesh completed Coursera certification courses on Introduction to Satellite Communication, Introduction to Electronics, Electrodynamics-An Introduction.
24. Dr. Mamta Kurvey was the Session Chairperson and reviewer of the technical session of the 52nd Mid Term Symposium (MTS) on the theme 'Emerging Trends in ICT and Electronics organised by IETE, April, 2021
25. Prof. Veena Gawde attended Three-Day Workshop on Cyber Forensics Organized by National Institute of Technical Teachers Training and Research Chandigarh, May 5-7, 2021.
26. Prof. Veena Gawde, Prof. Manisha Samant and Prof. Afreenzehra Sayed Attended AICTE sponsored one week online short term training program on "Telecommunication Networks- phase II" , July5-10,2021



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27. Dr. Mamta Kurvey, Prof. Manisha Samant, Prof. Sonia Aneesh, Prof. Adesh Hardas, Prof. Mahesh Pawaskar, Prof. Prashant Ahire and Prof. Afreenzehra Sayed completed the NPTEL course on Introduction to Embedded System Design, July-Nov 2020.
28. Prof. Selvin Furtado was the 2% topper for the NPTEL course on Introduction to Embedded System Design, July-Nov 2020.
29. Prof. Adesh Hardas completed 6 day FDP course on Machine learning and its application organised by Xavier Institute of Engineering, June 21-26, 2021.
30. Prof. Vaibhav Yavalkar completed coursera courses on Successful Presentation, Leadership and Emotional Intelligence, Foundations of everyday Leadership.
31. Prof. Vaibhav Yavalkar completed FDP on ICT Academy-Digital teaching techniques.
32. Prof. Vaibhav Yavalkar completed FDP on "Research and Publication Ethics" conducted at Pacific Business School, Udaipur, Feb 2021.
33. Prof. Prashant Ahire completed FDP on IoT and Wireless Sensor Networks conducted by Brindavan College of Engineering, Belgaum, July 2020.



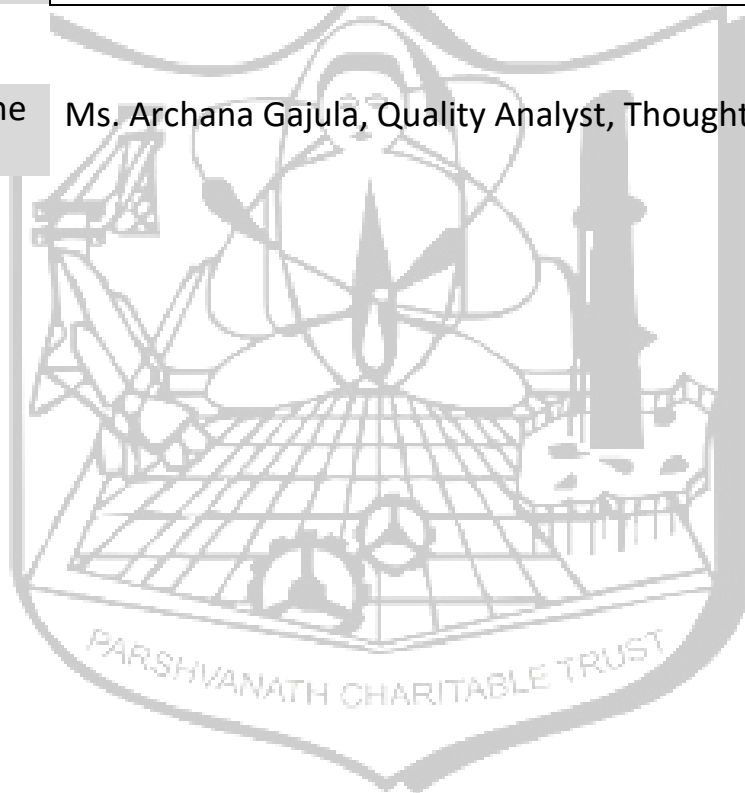
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34.Prof. Prashant Ahire completed one week FDP Image Processing using MATLAB conducted by NITTR Chandigarh, July 27-31, 2020.

35.Prof. Prashant Ahire was the resource person for Syllabus Revision "Mini Project 1-a SE EXTC Sem III" by UoM conducted at Lokmanya Tilak CoE, Koparkhairane

Distinguished Alumni

Ms. Archana Gajula, Quality Analyst, Thoughtworks





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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	2021-22	2020-21	2019-20
	180	180	60

Year wise Actual Admissions	2021-22	2020-21	2019-20
	179	179+9(TFWS)	60+3(TFWS)

Cut off marks – General quota	2021-22	2020-21	2019-20
	70.82	4.7489	62

% Students passed with Distinction	2020-21	2019-20	2018-19
	25%	--	61



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% Students passed with First Class	2020-21	2019-20	2018-19
	66%	--	38

Students Placed	2020-21	2019-20	2018-19
	45	40	36

Average Pay package, Rs./Year	2020-21	2019-20	2018-19
	4.06 p.a	3.5 p.a.	3 L/Year

Students opted for Higher Studies	2020-21	2019-20	2018-19
	7	12	11

Accreditation Status of the course	Sr. No	Accreditation	Status
	1	NBA	NBA Accredited for Mechanical Engineering, Electronics and Telecommunication, Computer Engineering, Information Technology, & Civil Engineering Courses for 3 Years
	2	NAAC	Not Applied



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**Doctoral Courses**

No

**Foreign Collaborations, if any**

13

**Professional Society member**

CSI STUDENT CHAPTER

**Professional activities**

03(IEEE)+ 11(CMSA)

**Consultancy**

NA

**Grants fetched**

NA

**Departmental Achievements**

**Student Achievements**

2021-22

Sr. No	Name of Student	Name of Event	Organized By	Date	Prize Won	Event within State and outside state



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1	Atharva Dhamanekar	Thane Smart City Hackathon and Start-up Pitch fest	Thane municipal corporation in association with A. P. Shah Institute of technology	21-01-2022	1st prize	Within State
2	Arun Mathai	Thane Smart City Hackathon and Start-up Pitch fest	Thane municipal corporation in association with A. P. Shah Institute of technology	21-01-2022	1st prize	Within State
3	Anuj Mishra	Thane Smart City Hackathon and Start-up Pitch fest	Thane municipal corporation in association with A. P. Shah Institute of technology	21-01-2022	2 <sup>nd</sup> prize	Within State
4	Ishan Sathe	Thane Smart City Hackathon and Start-up Pitch fest	Thane municipal corporation in association with A. P. Shah Institute of technology	21-01-2022	2 <sup>nd</sup> prize	Within State
5	Aaditya Muley	Thane Smart City Hackathon and Start-up Pitch fest	Thane municipal corporation in association with A. P. Shah Institute of technology	21-01-2022	3 <sup>rd</sup> prize	Within State



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		hon and Start-up Pitch fest	association with A. P. Shah Institute of technology			
6	Vatsal Mehta	Thane Smart City Hackathon and Start-up Pitch fest	Thane municipal corporation in association with A. P. Shah Institute of technology	21-01-2022	3 <sup>rd</sup> prize	Within State
7	Vedant Mhatre	Thane Smart City Hackathon and Start-up Pitch fest	Thane municipal corporation in association with A. P. Shah Institute of technology	21-01-2022	3 <sup>rd</sup> prize	Within State
8	Harmit Saini	Score	KJ Somaiya College	02-07-2021	3 <sup>rd</sup> prize in SCORE	Within State
9	Harmit Saini	OJUS	KJ Somaiya College	09-05-2021	1 <sup>st</sup> prize in OJUS - CODM	Within State
10	Hritika Kucheriya	EthOde ssy Hackathon	Devfolio	11-08-2021	Winner at filecoin track. Won prize money 1200 dollars	Outside State



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2020-21						
Sr. No	Name of Student	Name of Event	Organized By	Date	Prize Won	Events within State and outside
1	Shubham Mojidre	Shubham Mojidra	A p shah institute of technology	08-05-2021	1 <sup>st</sup> Prize	Within S
2	Aditi Sangale	Reflexionz 2020	KC college of engineering, Thane	28-07-2020	Runner Up	Within S

**Global Certification of Students**

Sr. No.	Course Name	Number of Certification (A.Y.2020-21)
1	AWS	1
2	Palo Alto	57
3	Huawei	1
4	NVIDIA Deep Learning	50
5	Oracle Academy Database Foundations	8



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**Faculty Achievement: (2020-21)**

Sr No.	Name of Faculty	STTP/FDP attended	Duration
1	Prof. R. K. Ambekar	RESEARCH IN ENGINEERING - A Way Forward	05 days
		NAAC Assessment & Accreditation	05 days
		Workshop on Digital Marketing Session for Teachers on Google classroom & Microsoft Teams	02 days
		8 credit Course on Outcome Based Education	3 Weeks
		Paradigm shift in higher education institutes: opportunities & challenges (PSHIOC)	2 Weeks
2	Prof. S. S. Aloni	Environment and Sustainability	1 month
		Team Building & Management	6 days
		Drupal training Certification from Spoken Tutorial, IIT Bombay	7 days
		Linux Training Certification from Spoken Tutorial	7 days
3	Prof. A. J.	Research in Engineering-A Way Forward	05 days
		Linux Training Certification from Spoken Tutorial	7 days



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	Kotangale	Research in Engineering-A Way Forward	05 days
4	Prof. M.A Jain	Fundamentals of AI (Online LIVE FDP)	
		Moral Values, Ethics and Behavioural Sciences	6 days
		Research in Engineering-A Way Forward	05 days
5	Prof. Merlin Priya	'Data Science with Python'	5 days
		FUNDAMENTALS OF DEEP LEARNING".	
		Python Programming-A practical Approach	2 weeks
6	Prof. Ramya RB.	HCIA-AI training	
7		Developing R&D Culture in education institutes through PBL(Part -I)	
		Python Programming-A practical Approach	2 weeks
		'Data Science with Python	5 days
8	Prof. Sofiya S.	Linux Training Certification from Spoken Tutorial,	7 days



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	Mujawar	Drupal training Certification from Spoken Tutorial, IIT Bombay	7 days
		Networking Essentials	6days
		Cyber Security	
		AICTE approved Data analytics with python	1 week
9	Prof. Jaya Gupta	Artificial Intelligence and Deep Learning	7 days
		Research in Engineering-A Way Forward	05 days
10	Prof. Bharti Khemani	Quantum Computing	
11	Prof. Shafaque Fatma Syed	Creating and Publishing e-Content in Technical Teaching Learning Process	

**Faculty Achievement: (2021-22)**

Sr. No	Name of event	Date	Experts	No. of Participants
1	FDP on CO-PO Mapping	14-16 December 2021	Mr. Pravin Adivarekar	10
2.	Essential of Cloud Computing	20-24 December 2021	Mr. Amol Kalgude	70



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**Distinguished Alumni**

Distinguished Alumni :

1. Ms. Rakshita Tantry (Current Student) : 20 LPA
2. Anmol Majithia (20-21 passed out) : 10 lpa
3. Amruta Deshpande (20-21 passed out) : 9 lpa

<b>10.6 . D</b>	Name of the Department*	Information Technology
	Course	BE
	Level	UG
	1st Year of approval by the	2014

Year wise Sanctioned Intake	2021-22 120	2020-21 120	2019-20 60
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Year wise Actual Admissions	2021-22 120	2020-21 120+6(TFWS)	2019-20 60+03(TFWS)
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Cut off marks – General quota	2021-22	2020-21	2019-20
	69.71	14.26	JEEE – 39 MHCET - 05

% Students passed with Distinction	<b>65%</b> (above 7.5 CGPA)
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% Students passed with First Class	<b>90%</b> (Above 6.75 CGPA)
------------------------------------------	------------------------------

Students Placed	2020-21	2019-20	2018-19
	30	39	40

Average Pay package, Rs./Year	2020-21	2019-20	2018-19
	3.3	2.14 Lakhs	2.95 LPA

Students opted for Higher Studies	2020-21	2019-20	2018-19
	9	02	04

Accreditation Status of the course	Sr. No	Accreditation	Status
	1	NBA	NBA Accredited for Mechanical Engineering, Electronics and Telecommunication, Computer Engineering, Information



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				Technology, & Civil Engineering Courses for 3 Years
		2	NAAC	Not Applied

Doctoral Courses

No

Foreign Collaborations, if any

No

Professional Society member

CSI, IEEE STUDENT CHAPTER

Professional activities

1. Department organized an expert talk on “Hands-on training on Latex, GitHub and Overview of Mendeley tool” on 11/07/2020 with respect to the BE project.
2. Department organized an expert talk on “Webinar on Introduction to Containers, Kubernete and Red Hat Openshift” on 29/08/2020 with respect to DevOps Lab.
3. Department organized an expert talk on “Webinar on INTRODUCTION TO SALESFORCE ECOSYSTEM.” on 30/11/2020 with respect to Cloud Technologies subject.
4. Department organized an expert talk on “RHA Ecosystem Webinar - Red Hat OpenShift I: Containers & Kubernetes (DO180)” on 18/02/2021 with respect to DevOps Lab.



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5. Department organized an expert talk on “Webinar on Roadmap for Education Abroad” on 21/2/2021 with respect to Guidance for Higher Studies.
6. Department organized expert talk on “Session on GATE Tips and Tricks” on 28/2/2021 with respect to Guidance for Higher Studies.
7. Department organized expert talk on “IT Week-Session on Application Development with Flutter” on 01/3/2021 with respect to Internet Programming Lab.
8. Department organized expert talk on “IT Week-Session on Web App Development With Express.js, MongoDB, EJS & Deployment On Heroku” on 02/3/2021 with respect to Internet Programming Lab.
9. Department organized expert talk on “IT Week-Session on Deep Learning” on 03/3/2021 with respect to Artificial Intelligence.
10. Department organized expert talk on “IT Week-Session on Login and Sign-ups form using PHP, HTML, Javascript, and Mysql” on 03/3/2021 with respect to Internet Programming Lab.
11. Department organized an expert talk on “IT Week-Session on Unity Game Development” on 04/3/2021.
12. Department organized expert talk on “IT Week-Session on Chatbot using Rasa” on 05/3/2021 with respect to Intelligent System Lab.
13. Department organized an expert talk on “IT Week-Session on 3D modeling in Blender” on 05/3/2021.
14. Department organized expert talk on “Cracking on and off campus placement” on 07/3/2021 with respect to



Professional & Ethical Perspectives for Engineering Graduates.

15. Department organized STTP on “Development and operation” from 12/03/2021 to 14/03/2021 with respect to DevOps Lab.

16. The Department organized STTP on “AWS Academy cloud foundation” from 12/03/2021 to 14/03/2021 with respect to Cloud Service Design Lab.

17. Department organized STTP on “R programming” from 18/03/2021 to 20/03/2021 with respect to R programming Lab.

18. The Department organized STTP on “Wireless Sensor Network & Internet of Everything” from 31/03/2021 to 02/04/2021 with respect to WSN lab and IOE lab.

19. Department organized STTP on “Using simulators & Emulators for Network design & analysis” from 8/04/2021 to 10/04/2021 with respect to Networking Lab.

20. Department organized STTP on “Python for Data science” from 15/04/2021 to 17/04/2021 with respect to Python Lab.

21. Department organized STTP on “Essentials of Linux System Administration” from 20/04/2021 to 22/04/2021 with respect to Unix Lab.

22. Department organized STTP on “Big Data Tools for Batch and Stream Analytics” from 29/04/2021 to 01/05/2021 with respect to Big Data Lab.

23. Department organized an Expert Talk on “APAC RHA Quarterly Webinar - Cloud Technologies - OpenStack Admin I (CL110)” on 14/05/2021 with respect to the Cloud Service Design lab.



24. Department organized Expert Talk on “How to Write Research Paper” on 13/07/2021 with respect to BE Project.
25. Department organized an Expert Talk on “Webinar on Introduction to Openshift, Containers and Kubernetes” on 15/7/2021 with respect to DevOps Lab.
26. Department organized Expert Talk on “Effective use of NVIDIA DGX workstation for AI based projects” on 18/07/2021 with respect to Artificial Intelligence and Intelligent System Lab.
27. Department organized an Expert Talk on “Roadmap for BE Major Project Selection” on 20/07/2021.
28. Department organized Expert Talk on “Webinar on Linux Automation with Ansible” on 13/08/2021 with respect to DevOps Lab.
29. The Department organized an Expert Talk on “Cyber Safety Awareness” on 24/08/2021 with respect to the Security Lab.
30. The Department organized an Expert Talk on “My Story- Motivational Session by Successful Entrepreneur” on 26/08/2021 .
31. Department organized an Expert Talk on “Awareness/Mentoring Session on Intellectual Property Rights and IP Management
- 32.” on 31/08/2021 with respect to the Entrepreneurship and E-Business cell.
33. The Department organized an Expert Talk on “App development using Flutter” on 12/9/2021 with respect



to the Internet Programming and Android Application Development Lab.

34.The Department organized an Expert Talk on “Significance of Internship for Engineering students” on 18/09/2021.

35.Department organized an Expert Talk on “UI/UX” with respect to the Android Application Development Lab (IEEE) on 19/09/2021.

36.Department organized an Expert Talk on “Open CV/Computer Vision” on 26/9/2021.

37.The Department organized an Expert Talk on “Session on Heal-Feel(Health awareness Program), IEEE” on 29/9/2021.

38.Department organized an Expert Talk on “Cross-Platform Mobile Application Development using Xamarin” on 07/10/2021.

39.Department organized an Expert Talk on “Impact Lecture Session On how to develop innovative ideas for companies” on 11/10/2021.

40.Expert Talk on “Use of GitHub in Collaborative Project Development” on 13/10/2021.

41.Department organized an Expert Talk on “Flutter technology ” on 18/10/2021.

42.The Department organized an Expert Talk on “Road Map to Masters Abroad” on 23/10/2021 with respect to the Guidance for Higher Studies.



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43. Expert Talk on “Career Opportunities in Cyber Security” on 28/10/2021.

44. Expert Talk on “Problem Solving and Ideation-Motivational Session By Successful Innovators” on 29/10/2021.

45. Webinar conducted on “RedHat Openstack Administration I” on 16/12/2021.

46. Short-term Training Program conducted on “Essential of Cloud Computing” from 20/12/2021 to 24/12/2021.

Consultancy activities

Year 2020-21

: Prof. Vishal Badgajar Involved in NPTEL Translation Project, IIT Madras approved by MHRD as a Quality Controller (QC) for Translated Multidisciplinary courses in Hindi and Marathi Language.

Received **10.07 lakh** Honorarium.

2021-22 (Till Date)

: Prof. Vishal Badgajar Involved in NPTEL Translation Project, IIT Madras approved by MHRD as a Quality Controller (QC) for Translated Multidisciplinary courses in Hindi and Marathi Language.

Received **37k** Honorarium.

Grants fetched

No



## Departmental Achievements

Year 2020-21

1. Prof. Kiran Deshpande, Prof. Ganesh Gourshete, Prof. Neha Deshmukh, Prof. Rujata Chaudhari, and Prof. Vishal Badgujar got an Appreciation from IIT Bombay Spoken Tutorial.
2. Prof. Vishal Badgujar Selected as an Judge for an National Event Toycathon-2021.
3. Prof. Anagha Aher Participated as a Resource Person for a Data Structure course.
4. Dr. Uttam Kolekar got an 3 Patent in a single academic year.
5. Prasad Jadhav, Akshay Bura and Akansha Rawat were winner of Codethon 2.0 event organised by ITSA and CSI.
6. Rajan Khade and Team were Selected in IT week Competition.
7. Prof. Neha Deshmukh certified as CCNA Certification.
8. 289 students have completed various internships till now for AY 2020-21
9. Final year students have published 7 research papers in reputed conferences like IEEE ,Springer, Scopus,etc. for AY 2020-21



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10. Our student Chinmay Dharap has secured 10<sup>th</sup> rank in world for certification of “EC council’s Global Ethical Hacking Leader Board”.

11. Our student Om Bheda has participated in competition “Formula Bharat Project - formula style electric race car “ with Modified Auto Club for AY 2020-21.

Year 2021-22 (Till Date)

1. Five Teams Tanay Jain, Dhruva Mhatre, Prerna Kanawade, Snehi Ratani, and Shreyas Sawant were selected in Thane Smart City Hackathon and Pitchfest

2. Parvi Agrawal ( BE Information Technology, APSIT Thane) represented India at Global Platform and Stood 1st out of 8 Finalist and 2500+ participants across 180+ countries.

She is winner for both the categories mentioned below:

i. **Women Tech Ambassador Award 2021 Winner**

ii. **Women Tech Community Award 2021 Winner**

3. Jainam Chopra secured Silver medal in NPTEL.

4. Ekta Gujar from TEIT got an Elite Certification in NPTEL.

5. Aagya Singh is selected as Redhat Academy Student Ambassador for AY 2021-2022.



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6. Prof. Vishal Badgujar got an STAR QC Certification from NPTEL.
7. Prof. Vishal Badgujar appreciated as NPTEL Active SPOC.
8. Samiksha Pawar (TEIT), Neelay Umrotkar (BEIT), Jahnvi Naik (Alumni) were winner for Technical Writing Competition organised by ITSA and CSI.
9. Prof. Apeksha Mohite got a global certification of Huawei-Security Domain
10. Prof. Vishal Badgujar, Prof. Neha Deshmukh and Prof. Sonal Jain Certified as RHCSA Certification.
11. Prof. Nahid and Prof. Sonia Aneesh Certified as a AWS Solution Architect.
12. Prof. Sonia Aneesh got certified as a CCNA Certification.
13. 264 students have completed various internships till now for AY 2021-22.
14. Final year students have published 6 research papers in reputed conferences like IEEE, Springer, Scopus, etc. till now for AY 2021-22.
15. Our student Om Bheda has participated in competition "aur Urja Vehicle Challenge (SUVC)  
Project - Solar Electric Car " with Modified Auto Club for AY 2021-22.



Distinguished  
Alumni

For Year 2020-21 (Students pass out in 19-20)

1. Maity Uddhabhndra got placed in Amazon Web Services.
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

For Year 2021-22 (Students pass out in 20-21)

1. Ashwin Vishwakarma got placed in Persistent Systems
2. Rushika Ramane got placed in Accenture Solutions Pvt. Ltd.
3. Abhishek Pote got placed in Hexaware Technologies Limited.
4. Vaishnavi Patil got placed in Capgemini Technology Services
5. Sahil Naik got placed in Capgemini Technology Services.
6. Sajana Nalawade has joined Northeastern University for higher studies
7. Rutvik Gaikwad has joined National College of Ireland for higher studies
8. Anuja Apte has joined New Jersey Institute of Technology for higher studies.



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**10.6** Name of the Department\* **Civil Engineering**

Course **BE**

Level **UG**

1st Year of approval by the Council **2014**

Year wise Sanctioned Intake	2021-22	2020-21	2019-20
	120	120	120

Year wise Actual Admissions	2021-22	2020-21	2019-20
	22	30+5(TFWS)	36+6(TFWS)

Cut off marks – General quota	2021-22	2020-21	2019-20
	14.96	16.9155	11.13

% Students passed with Distinction	99 %		
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% Students passed with First Class	1 %
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Students Placed	2020-21 22	2019-20 28	2018-19 08
-----------------	---------------	---------------	---------------

Average Pay package, Rs./Year	2020-21 2.6 to 3.4 lac	2019-20 2.6-3.2 lakh	2018-19 4.4 L/Year
-------------------------------	---------------------------	-------------------------	-----------------------

Students opted for Higher Studies	2020-21 06	2019-20 2	2018-19 19
-----------------------------------	---------------	--------------	---------------

Accreditation Status of the course	Sr. No	Accreditation	Status
	1	NBA	NBA Accredited for Mechanical Engineering, Electronics and Telecommunication, Computer Engineering, Information Technology, & Civil Engineering Courses for 3 Years
	2	NAAC	Not Applied

Doctoral Courses	No
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Foreign Collaborations, if any	No
Professional Society member	IGBC (Indian Green Building Council), ISTE
Professional activities	1. ISTE approved 5 days online faculty development program on "Software Application and Research in Civil Engg." organized by Dept. of Civil Engg., APSIT, Thane
Consultancy activities	2021-22 Dr. Mugdha Agarwadkar was consultant for Inficorridor Solutions Pvt.Ltd charged Rs 25000/- for services
Grants fetched	Nil
Departmental Achievements	<b>2021-22</b> 1. Dr.M.Y. Agarwadkar was Secretary, IEEE WIE Bombay Chapter 2. Prof U.Y. Vazurkar Uploaded 26 Videos in You Tube Channel naming "Software Applications in Civil Engineering" 3. Prof U.Y. Vazurkar was Resource Person for Orientation Program of Subject "Building Services and Repairs" (Civil C-Scheme Syllabus)



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4. Prof Nithya.k was Resource Person in the Orientation programme on "Geotechnical Engineering-I" (Rev-2019 'C' Scheme Syllabus)
5. Prof. R.S.Khandare Organized workshop on " Opportunities in Civil Engineering and selecting the right career path"
6. Prof. R.S. Khandare Organized webinar series on "Exploring Civil Engineering"
7. Dr. M.R. Mulay completed NPTEL Course on urban Utilities Planning: Water Supply, Sanitation & Drainage
8. Prof. V.U. Misal was certified as Digital Teaching Techniques organized by ICT Academy
9. Prof.U.Y. Vazurkar did One-week Online certification course on "Digital Teaching Techniques" organized by ICT Academy.
10. Prof. K.B. Thombre was certified for Highway and Transportation Infrastructure Design using Civil 3D

**2020-21**

1. Prof U.W. Mate Worked as Convener in ISTE approved 5 days online faculty development program on "Software Application and Research in Civil Engg." organized by Dept. of Civil Engg., APSIT, Thane
2. Dr M.R. Mulay was Invited as a Expert in Civil Engineering by AICTE in the project of AICTE-Student Learning Assessment for setting MCQ questions on the AICTE portal
3. Prof. M.P Joshi participated in competition in University of Mumbai for DEPARTMENT OF STUDENTS' DEVELOPMENT, 15th Inter-Collegiate/Institute/Department Avishkar Research Convention
4. Dr.M.Y. Agarwadkar participated in National level quiz on basics of civil engineering knowledge



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5. Dr.M.Y. Agarwadkar participated in E-learning Skills enhancement Quiz
6. Dr.M.Y. Agarwadkar was Committee Member, IEEE WIE Bombay Chapter
7. Dr.M.Y. Agarwadkar participated in international poster presentation contest - 2020 R10 SYWL virtual congress, Thailand
8. Dr.M. Y. Agarwadkar was Syllabus committee member, Mumbai Univeristy, Applied Hydraulics
9. Dr.M.Y. Agarwadkar delivered Expert lecture on How to write a research paper
10. Dr.M.Y. Agarwadkar Established a research Centre "Centre for capacity building towards disaster resilience.
11. All faculties of the department participated in ISTE approved five days FDP on Research in Engineering- a way forward, conducted at APSIT from July 6-10, 2020.
12. Dr. M. R. Mulay completed NPTEL Course on Water Supply Engineering
13. Dr. M. R. Mulay completed NPTEL Course on Integrated Waste Management for a Smart City
14. Dr. M. R. Mulay completed course in Bentley Institute Training, Introduction CONNECT Edition | en | Base Release, Update 2 Course
15. Dr. M. R. Mulay completed course in Bentley Institute Training, Minor Headless CONNECT Edition | en | Base Release, Update 2 Course
16. Dr. M. R. Mulay completed course in Bentley Institute Training, Demo: Modeling culverts CONNECT Edition | en | Base Release, Update 2



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17. Dr. M. R. Mulay completed course in Bentley Institute Training, Introduction to Water CAD and Water GEMS (metric) CONNECT Edition | en | Update 1

18. Dr. M. R. Mulay completed course in Bentley Institute Training, ACCELERATE OpenFlow's: Build and Update a Water System Hydraulic Model

19. Dr. M. R. Mulay completed course in Bentley Institute Training, Geospatial Data CONNECT Edition | en | Base Release

20. Dr. M. R. Mulay completed course in Bentley Institute Training, Introduction to Stormwater Modeling with Storm CAD, Civil Storm and Sewer GEMS (Imperial) CONNECT Edition | en | Base Release, Update 1, Update 2

21. Dr. M. R. Mulay completed course in Bentley Institute Training, Water Quality Modeling CONNECT Edition | en | Base Release

22. Dr. M. R. Mulay completed course in Bentley Institute Training, Creating Pump Curves V8i | en | SELECT series 1, SELECT series 2, SELECT series 3, SELECT series 4, SELECT series 5, SELECT series 6

23. Prof. T.P. Vinchurkar completed course in Midas Civil

24. Prof. P.S. Rao completed course in Tunnel (Numerical Modelling & Analysis) Short Course organized by MIDAS Research and Development Centre

25. Prof U.W. Mate certified in "An Online noncredit course authorized by University of Geneva and offered through Coursera - Children's Human Rights-An Interdisciplinary Introduction"

26. Prof. R.S. Khandare certified in "Autodesk Certified Professional: Civil 3D for Infrastructure Design Exam Prep"



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27. Prof. R.S. Khandare certified in “Autodesk Certified Professional: Revit for Architectural Design Exam Prep”

28. Prof. R.S. Khandare certified in “Autodesk Certified Professional: Civil 3D for Infrastructure Design Exam Prep”

29. Prof. R.S. Khandare received coursera certification in “Introduction to Data Analysis Using Excel”

30. Prof. R.S. Khandare received coursera certification in “Linear Regression for Business Statistics”

31. Prof. R.S. Khandare received coursera certification in “Excel Skills for Business: Essentials”

32. Prof. R.S. Khandare received coursera certification in “Mastering bitumen for better roads and innovative applications”

33. Prof. R.S. Khandare received coursera certification in “Initiating and Planning Projects”

34. Prof. R.S. Khandare received coursera certification in “Air Pollution – a Global Threat to our Health”

35. Prof. T.P. Vinchurkar received coursera certification in “Positive Psychology”

36. Prof. T.P. Vinchurkar received coursera certification in “Mastering bitumen for better roads and innovative applications”

37. Prof. T.P. Vinchurkar received coursera certification in “Budgeting and Scheduling Projects”

38. Prof. T.P. Vinchurkar received coursera certification in “Excel Skills for Business: Essentials”

39. Prof. T.P. Vinchurkar received coursera certification in “Successful Negotiation: Essential Strategies and Skills”

40. Prof. T.P. Vinchurkar received coursera certification in “Moral Foundations of Politics”



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41. Prof. T.P. Vinchurkar received coursera certification in “Managing Project Risks and Changes”

42. Prof. K.P. Thool received coursera certification in “Entrepreneurship, The chinese university of Hong Kong, Oct 2020.”

43. Prof. V.U. Misal is Certified Auto CAD Instructor

44. Prof U.Y. Vazurkar is Certified Auto CAD Instructor

45. Prof.K.B. Thombre is certified in Autodesk Essential AutoCAD

46. Prof P.S.Jagtap is Autodesk Certified Professional: AutoCAD for Design and Drafting Exam Prep

47. Prof. K.B.Thombre is Autodesk Certified Professional Autocad

48. Prof.P.A.Patil is certified in Civil 3D

49. Prof Snehalata is certified in Training certificate on Autodesk Civil 3D-Essential

50. Dr.M.R.Mulay received certificate in CIVIL 3D\_ ESSENTIAL

51. Prof. P.S.Jagtap is certified in Autodesk: CIVIL 3D Essential

52. Prof. R.S.Khandare is certified in Auto desk certified course on " Civil 3 D : Essentials"

**Distinguished Alumni**

Mr. Raj Joshi went to IIT Khargpur for higher studies.

Mr. Raj Joshi got Research fellowship at IIT Delhi

Chaitanya Barkade went to Nit Nagpur for higher studies.

Chaitanya Barkade : NPTEL superstar



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10.6 . F	Name of the Department*	Computer Science & Engineering (Artificial Intelligence and Machine Learning)
	Course	BE
	Level	UG
	1st Year of approval by the Council	2021
	Year wise Sanctioned Intake	2021-22 60+(3TFWS)
	Year wise Actual Admissions	2021-22 60+(3TFWS)
	Cut off marks – General quota	2021-22
	% Students passed with Distinction	NA



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% Students passed with First Class	NA
------------------------------------	----

Students Placed	NA		
-----------------	----	--	--

Average Pay package, Rs./Year	NA		
-------------------------------	----	--	--

Students opted for Higher Studies	NA		
-----------------------------------	----	--	--

Accreditation Status of the course	Sr. No	Accreditation	Status
	1	NBA	Not Eligible
	2	NAAC	Not Applied

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

Foreign Collaborations, if any	No
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Professional Society member NA

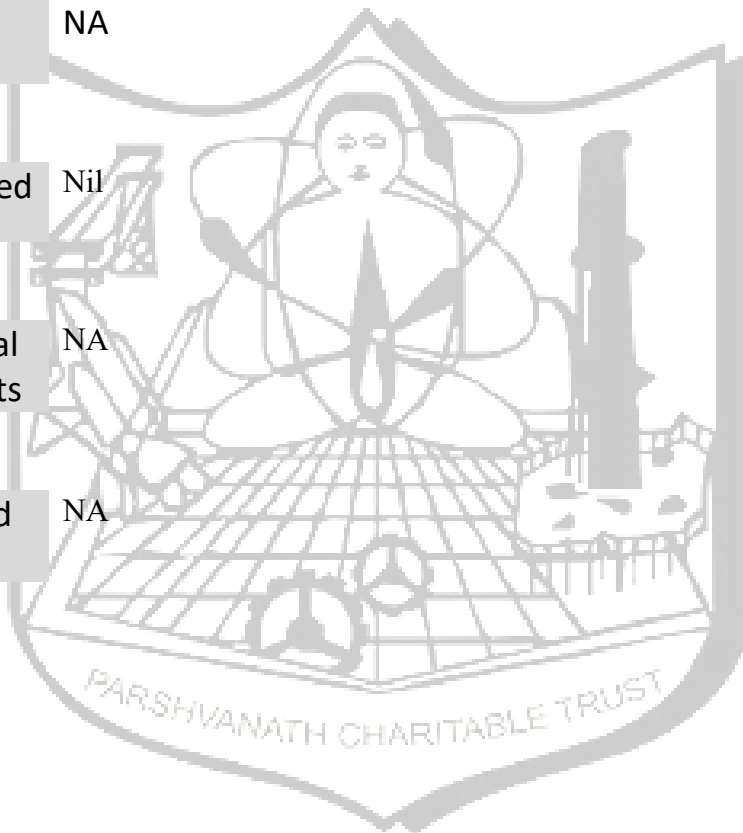
Professional activities NA

Consultancy activities NA

Grants fetched Nil

Departmental Achievements NA

Distinguished Alumni NA





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<b>10.6 . G</b>	<b>Name of the Department*</b>	Computer Science & Engineering (Data Science)
	<b>Course</b>	BE
	<b>Level</b>	UG
	<b>1st Year of approval by the Council</b>	2021
	<b>Year wise Sanctioned Intake</b>	2021-22 60+(3TFWS)
	<b>Year wise Actual Admissions</b>	2021-22 60+(3TFWS)
	<b>Cut off marks – General quota</b>	2021-22
	<b>% Students passed with Distinction</b>	NA



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% Students passed with First Class	NA
------------------------------------	----

Students Placed	NA
-----------------	----

Average Pay package, Rs./Year	NA
-------------------------------	----

Students opted for Higher Studies	NA
-----------------------------------	----

Accreditation Status of the course	Sr. No	Accreditation	Status
	1	NBA	Not Eligible
	2	NAAC	Not Applied

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

Foreign Collaborations , if any	No
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Professional Society member NA

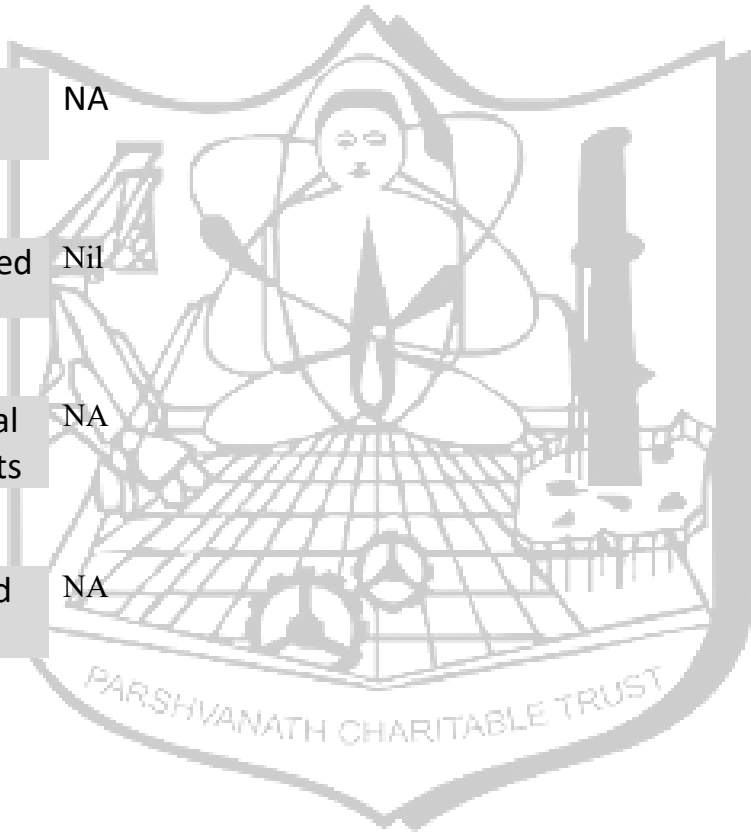
Professional activities NA

Consultancy activities NA

Grants fetched Nil

Departmental Achievements NA

Distinguished Alumni NA





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**10.7** Faculty Teaching:

Branch	Permanent Faculty	Adjunct Faculty	Student: Faculty ratio
Civil	09	12	21.24
Computer	15	11	
EXTC	15	02	12.86
IT	12	10	10.22
Mech	15	09	21.0
FE	07	08	

**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>

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



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**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	2021-22	2020-21	2019-20
CAP	125	123	149
MINORITY	172	123	
MGMT-APPLICATION RECEIVED/ADMITTED	159/429	138/90 7	119
TFWS	21	29	21
J&K	0	0	01

**10.11** Admission Procedure

SEE ANNEXURE C

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

**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>

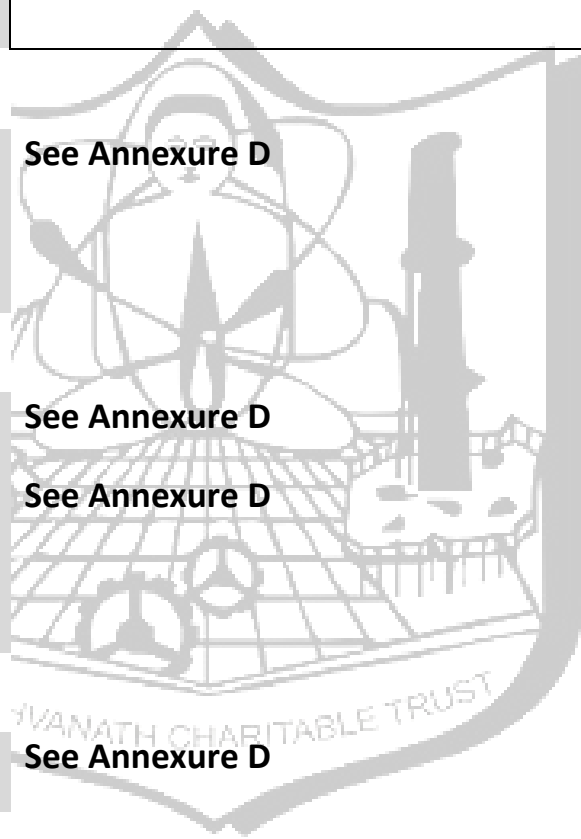
**10.11.2** Calendar for admission against Management/vacant seats:

SEE ANNEXURE D



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10.12.1 & 10.12.2	Criteria and Weightages for Admission	Available on the website <a href="https://www.apsit.edu.in/admission-criteria">https://www.apsit.edu.in/admission-criteria</a>
		2021-22
10.12.3	Cut off / last candidate admitted	37.67
10.12.4 & 10.12.5	Marks scored in Test (Eligibility List)	<b>See Annexure D</b>
10.13.1	List of Applicants	<b>See Annexure D</b>
10.14.1	Results of Admission Under Management seats/Vacant seats	<b>See Annexure D</b>
10.14.2	Merit List	<b>See Annexure D</b>
	PIO quota	No





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10.15

Infrastructural  
information

Classroom/Tutorial  
Room facilities

**See Annexure E**

29 AC Class Rooms and  
10 Tutorial Rooms





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Laboratory details

75 Laboratories, 05 Workshop and 03 Drawing Hall





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Computer Centre facilities

02 Computer Center



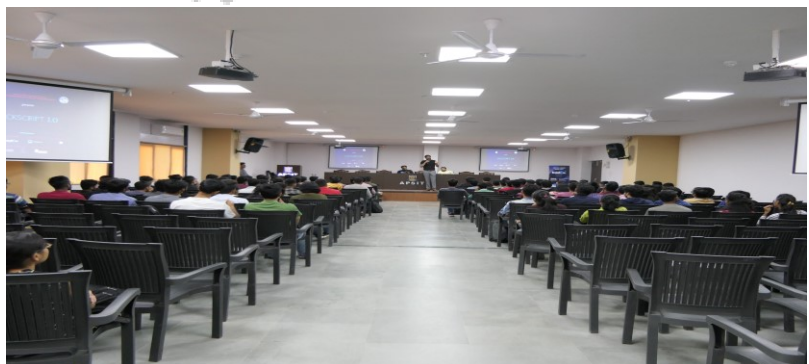
Library facilities

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	
<b>10.19</b> Name of the Information Officer for RTI	Dr. S. S. Nanivadekar	
Designation	Associate Professor & Dean Administration	
Phone number with STD code	(022) 25973737	



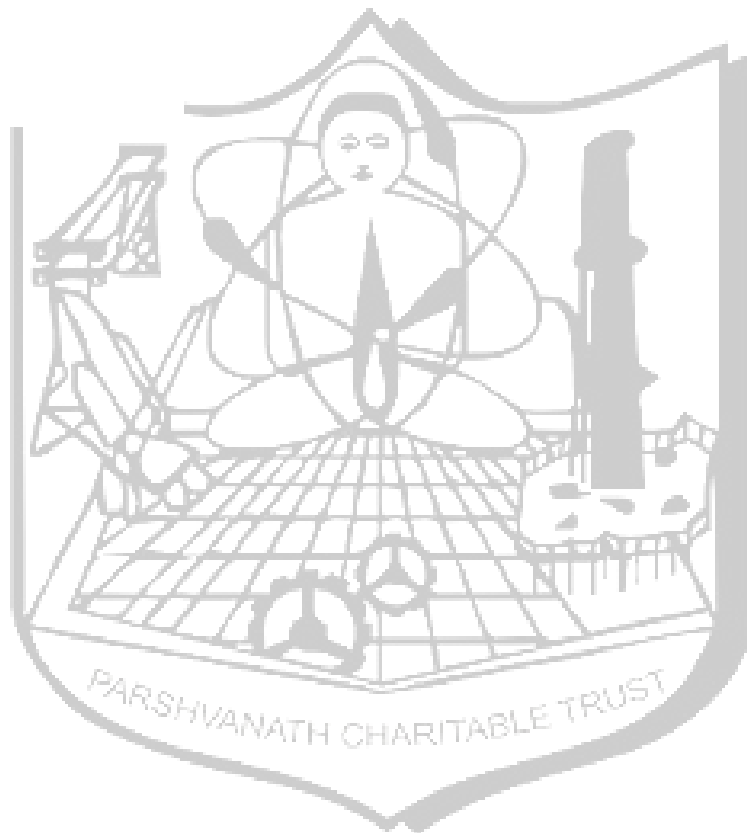
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FAX number with  
STD code

(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 : 28	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 : 27	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	----		



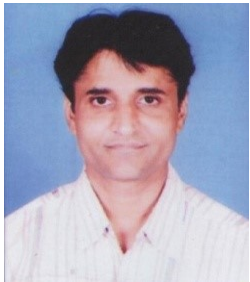
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1	Name of Teaching Staff	Dr. S. S. Nanivadekar		
2	Designation	Associate Professor & Dean Administration		
3	Department	IT		
4	Date of Joining the Institution	01/04/2014		
5	Qualifications with Class/Grade	B.E.(EXTC) Distinction	M.E.(EXTC) First Class	PhD(Electronics & Communication)
6	Total Experience in Years	Teaching: 21 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 : 18	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 :22	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 : 10	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 : 11	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 : 7	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 : 7	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 : 09	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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	Name of Teaching Staff	Mrs. Tejashri Tejas Kolhe		
	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 <sup>TH</sup> 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

	Name of Teaching Staff	Dilip V. Kunte		
	Designation	Assistant Professor, HOD		
	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 : 19	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 : 18 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, LMIIE		
13	Consultancy Activities	--		
14	Awards	----		
15	Grants fetched	Minor Research Grant from M U		
16	Interaction with Professional Institutions	----		



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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 : 35	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		
	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 <sup>st</sup> 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	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 : 10yrs	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 Debashish Bagg		
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 <sup>th</sup> 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	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 ISRD		
Consultancy Activities	-NIL---		
Awards	--EXCELLENCE AWARD FROM IITB--		
Grants fetched	--NIL--		
Interaction with Professional Institutions	-NIL---		




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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 <sup>st</sup> 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		




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Name of Teaching Staff	CHAVAN BHUSHAN RAVINDRA			
Designation	TEACHING ASSISTANT			
Department	MECHANICAL			
Date of Joining the Institution	17/06/2019			
Qualifications with Class/Grade	ME (MECHANICAL DESIGN)	FIRST		
Total Experience in Years	Teaching : 2	Industry : 1	Research :	
Papers Published	National : 1	International : 4		
Papers Presented in Conferences	National : 1	International :		
PhD Guide? Give field & University	Field ----	University ----		
PhDs / Projects Guided	PhDs ----	Projects at Masters level DESIGN AND DEVELOPMENT OF OIL SEED PRESSER BY USING HUMAN POWER.		
Books Published / IPRs/ Patents	----			
Professional Memberships	----			
Consultancy Activities	----			
Awards	----			
Grants fetched	----			
Interaction with Professional Institutions	----			




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1	Name of Teaching Staff	Mr. Kiran Ashokrao Chaudhari		
2	Designation	Assistant Professor		
3	Department	Mechanical Engineering		
4	Date of Joining the Institution	11/01/2022		
5	Qualifications with Class/Grade	B.E.(Mechanical Engineering) Division: First Class with Distinction	M.Tech (Mechanical Engineering) Specialization (Design Engineering) Division: First Class with Distinction	--
6	Total Experience in Years	Teaching : 22	Industry : Nil	Research : ----
7	Papers Published	National : 0	International : 0	
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, LMTSI		
13	Consultancy Activities	----		
14	Awards			
15	Grants fetched	----		




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16	Interaction with Professional Institutions	----
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1	Name of Teaching Staff	Ms. Kannukkadan Georgena		
2	Designation	Assistant Professor		
3	Department	Mechanical Engineering		
4	Date of Joining the Institution	10 <sup>th</sup> January 2022		
5	Qualifications with Class/Grade	B.E. 69.14%	M.Tech. CPI 8.79	--
6	Total Experience in Years	Teaching : 07	Industry : 00	Research : ----
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	ISTE		
13	Consultancy Activities	----		
14	Awards	----		
15	Grants fetched	----		
16	Interaction with Professional Institutions	----		



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1	Name of Teaching Staff	Dr. Mahesh Sheshrao Shinde		
2	Designation	Assistant Professor		
3	Department	Mechanical Engineering		
4	Date of Joining the Institution	10/01/22		
5	Qualifications with Class/Grade	B.E.(Mechanical) Distinction	M. Tech. (Production) Distinction	Ph D
6	Total Experience in Years	Teaching : 04	Industry : 00	Research : 3.5
7	Papers Published	National : 0		International : 06
8	Papers Presented in Conferences	National : 2		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	-----		
13	Consultancy Activities	-----		
14	Awards	-----		
15	Grants fetched	-----		
16	Interaction with Professional Institutions	-----		




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1	Name of Teaching Staff	Mr. Nandakumar Ganesh Nagothkar		
2	Designation	Assistant Professor		
3	Department	Mechanical Engineering		
4	Date of Joining the Institution	12/01/2022		
5	Qualifications with Class/Grade	B.E.(Mech) Division: Distinction	M.Tech.(Mfg) Division: Distinction	--
6	Total Experience in Years	Teaching: 03	Industry : 01	Research : ----
7	Papers Published	National : 0	International : 0	
8	Papers Presented in Conferences	National : 01	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	-----		
13	Consultancy Activities	-----		
14	Awards	M.Tech. Manufacturing Engineering University Gold Medalist @ Dr. BATU, Lonere: 2017 AIR 1 in xDesign India Challenge 2019 (Price 2 Lacs)		
15	Grants fetched	-----		
16	Interaction with Professional Institutions	-----		




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	Name of Teaching Staff	Dipali Prabhakar Rajguru		 PHOTO
	Designation	TPO Manager		
	Department	TPO		
	Date of Joining the Institution	07/01/2020		
	Qualifications with Class/Grade	MS Print Management /4.0 GPA	M.B.A. / 59%	B.E. Printing and Graphics Communications / 68% (First class with Distinction)
	Total Experience in Years	Teaching :	Industry : 14	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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**Department: Computer Engineering**

1	Name of Teaching Staff	Mr. S. H. Malave		
2	Designation	Assistant Professor, HOD		
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: 19yrs	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	----		

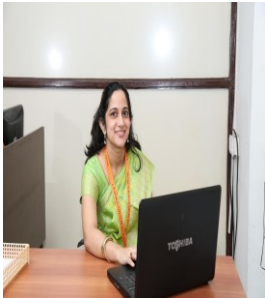


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	Name of Teaching Staff	Dr. Rahul k Ambekar		
	Designation	Assistant Professor		
	Department	Information Technology		
	Date of Joining the Institution	01/07/2015		
	Qualifications with Class/Grade	M E (Comp) First class	PhD Computer engineering	
	Total Experience in Years	Teaching : 16	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 4	
	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 :13	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 <sup>th</sup> January 2018		
Qualifications with Class/Grade	ME(IT)	1 <sup>st</sup> 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	----		



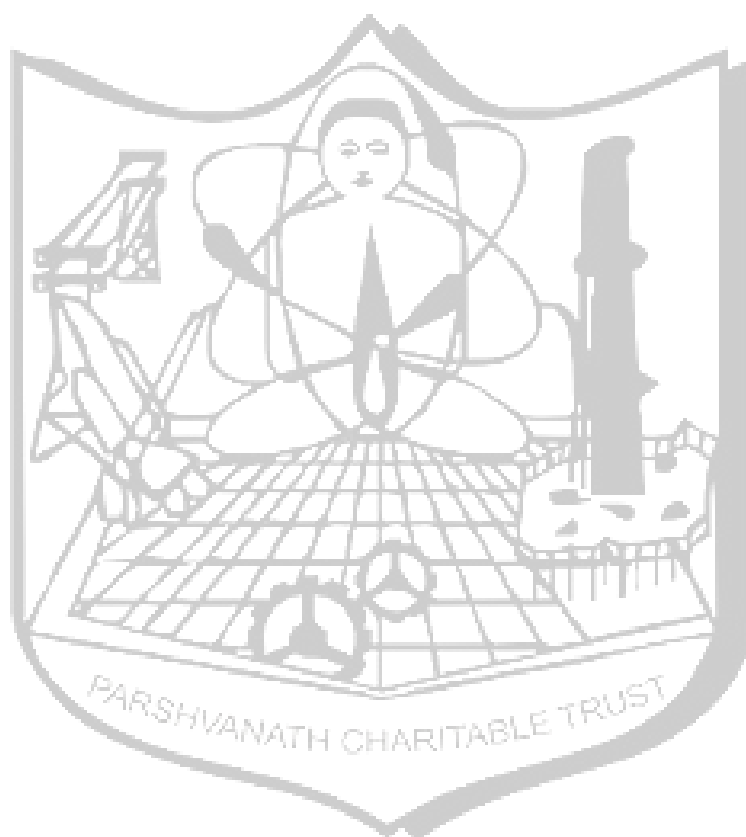
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	<b>Name of Teaching Staff</b>	Shafaque Fatma Syed		
	<b>Designation</b>	Assistant Professor		
	<b>Department</b>	Computer Engineering		
	<b>Date of Joining the Institution</b>	02-02-2021		
	<b>Qualifications with Class/Grade</b>	M.E. Computer Engineering	8.3 CGPA / First Class with Distinction	
	<b>Total Experience in Years</b>	Teaching : 7	Industry : 0	Research : 0
	<b>Papers Published</b>	National : 0	International : 11	
	<b>Papers Presented in Conferences</b>	National : 0	International : 3	
	<b>Approved PhD Guide? Give field &amp; University</b>	Field ----	University -----	
	<b>PhDs / Projects Guided</b>	PhDs ----	Projects at Masters level -----	
	<b>Books Published / IPRs/ Patents</b>	----		
	<b>Professional Memberships</b>	LIFETIME MEMBER OF INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE) (M. No. 121845)		
	<b>Consultancy Activities</b>	----		
	<b>Awards</b>	<b>Best Paper Award and Young Researcher Award</b> for the Co-authored Paper “ <b>Enhancing Deep Fingerprinting Attack On Tor Network Using Lottery Ticket Hypothesis</b> ” 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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	<b>Grants fetched</b>	Received <b>Minor Research Grant of Rs. 40,000</b> from the <b>University of Mumbai</b> for Research Project “ <b>Chili Plant Disease Detection using Thermal Imaging Techniques</b> ” in Academic Year 2017-18
	<b>Interaction with Professional Institutions</b>	----






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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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1	Name of Teaching Staff	Mr. Rushikesh Rajendra Nikam		
2	Designation	Assistant Professor		
3	Department	Computer Engineering		
4	Date of Joining the Institution	11 <sup>th</sup> January 2022		
5	Qualifications with Class/Grade	B.E.(First Class) Division	M.E.(First Class) Division	--
6	Total Experience in Years	Teaching : 5.8	Industry : 00	Research : ----
7	Papers Published	National : 0	International : 08	
8	Papers Presented in Conferences	National : 0	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	CSI MEMBERSHIP		
13	Consultancy Activities	-----		
14	Awards	Awarded as "Yuva Chetana Puraskar" District Level award in education category by Ekka Foundation, Thane		
15	Grants fetched	-----		
16	Interaction with Professional Institutions	-----		




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1	Name of Teaching Staff	Mrs. Harshali Sachin Bhuwad			
2	Designation	Assistant Professor			
3	Department	Computer Engineering			
4	Date of Joining the Institution	11/01/2022			
5	Qualifications with Class/Grade	B.E.(Comp) First Class with Distinction	M.E.(IT) First Class	--	
6	Total Experience in Years	Teaching : 11	Industry : 00	Research : ----	
7	Papers Published	National : 5		International : 5	
8	Papers Presented in Conferences	National : 0		International : 2	
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	ACM, ISTE			
13	Consultancy Activities	-----			
14	Awards				
15	Grants fetched	-----			
16	Interaction with Professional Institutions	-----			




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1	Name of Teaching Staff	Mr. Deepak S. Khachane		
2	Designation	Assistant Professor		
3	Department	Computer		
4	Date of Joining the Institution	12 January, 2022		
5	Qualifications with Class/Grade	B.E.(Computer ) Division- First	M.E.(Computer) Division First	--
6	Total Experience in Years	Teaching : 10 Years 6 Months	Industry : 00	Research : ----
7	Papers Published	National : 0	International : 4	
8	Papers Presented in Conferences	National : 0	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	----		



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16	Interaction with Professional Institutions	Lifetime Membership of ISTE
----	--------------------------------------------	-----------------------------

1	Name of Teaching Staff	Miss. Shraddha Shinde		
2	Designation	Asst. Prof.		
3	Department	COMP		
4	Date of Joining the Institution	17/01/2022		
5	Qualifications with Class/Grade	B.E.(Information Technology.) Division (First class with Distinction)	M.E.(Computer Science & Engg.) Division (First class with Distinction)	--
6	Total Experience in Years	Teaching : 6.8	Industry : 00	Research : ----
7	Papers Published	National : 0	International : 2	
8	Papers Presented in Conferences	National : 1	International : 1	
9	PhD Guide? Give field & University	Field : ----	University : ----	
10	PhDs / Projects Guided	PhDs : ----	Projects at Masters level Artificial Intelligence/ Machine Learning	
11	Books Published / IPRs/ Patents	Nil		
12	Professional Memberships	----		



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13	Consultancy Activities	----
14	Awards	----
15	Grants fetched	----
16	Interaction with Professional Institutions	----

1	Name of Teaching Staff	Mrs. Shamika Sachin Mule		
2	Designation	Asst. Prof.		
3	Department	COMPUTER		
4	Date of Joining the Institution	17/01/2022		
5	Qualifications with Class/Grade	B.E.(Computer Engg.) Division (Second class)	M.E.(Computer Engg.) Division (First class with Distinction)	--
6	Total Experience in Years	Teaching : 12	Industry : 00	Research : ----
7	Papers Published	National : 0		International : 3
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	



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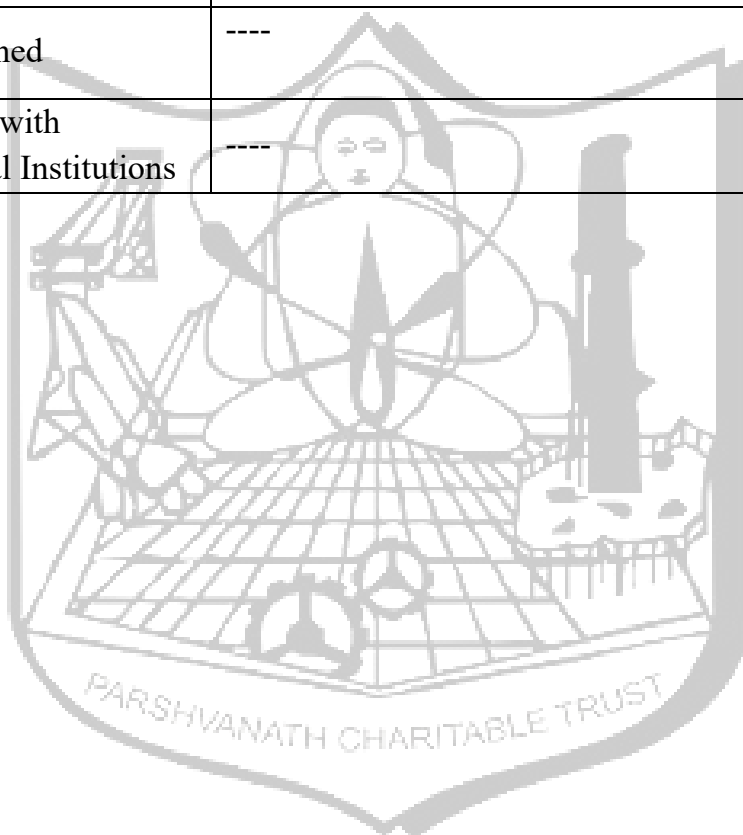
11	Books Published / IPRs/ Patents	Nil
12	Professional Memberships	ISTE
13	Consultancy Activities	----
14	Awards	
15	Grants fetched	----
16	Interaction with Professional Institutions	----

1	Name of Teaching Staff	Mrs. Priti Khandagale		
2	Designation	Asst. Prof.		
3	Department	Computer		
4	Date of Joining the Institution	17/01/2022		
5	Qualifications with Class/Grade	B.E.(Computer Engg.) Division (First class with Distinction)	M.E.(Computer Engg.) Division (First class with Distinction)	--
6	Total Experience in Years	Teaching : 06	Industry : 00	Research : ----
7	Papers Published	National : 1		International : 2
8	Papers Presented in Conferences	National : 0		International : 0
9	PhD Guide? Give field & University	Field ----		University ----



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10	PhDs / Projects Guided	PhDs ----	Projects at Masters level Internet of Things
11	Books Published / IPRs/ Patents	Nil	
12	Professional Memberships		
13	Consultancy Activities	----	
14	Awards		
15	Grants fetched	----	
16	Interaction with Professional Institutions	----	





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**Department: Information Technology**

1	Name of Teaching Staff	Mr. Kiran B Deshpande		
2	Designation	Assistant Professor, HOD		
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 : 15	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 Badgujar		
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		

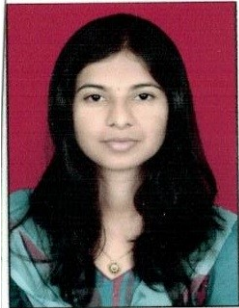


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Name of Teaching Staff	NAHID KAUSAR SHAIKH			
Designation	Assistant Professor			
Department	Information Technology			
Date of Joining the Institution	03/07/2017			
Qualifications with Class/Grade	M.Tech. Computer 7 CGPI			
Total Experience in Years	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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Name of Teaching Staff	SNEHA KANCHAN		
Designation	ASSISTANT PROFESSOR		
Department	INFORMATION TECHNOLOGY		
Date of Joining the Institution	17 <sup>th</sup> JUNE 2018		
Qualifications with Class/Grade	Ph.D	FIRST	
Total Experience in Years	Teaching : 0	Industry : 2.2	Research : 4.5
Papers Published	National : 2	International : 3	
Papers Presented in Conferences	National : 1	International : 3	
PhD Guide? Give field & University	Field Networks and soft computing	University Indian Institute of Technology Indore	
PhDs / Projects Guided	PhDs NIL	Projects at Masters level NIL	
Books Published / IPRs/ Patents	0		
Professional Memberships	IEEE		
Consultancy Activities	NIL		
Awards	NIL		
Grants fetched	NIL		
Interaction with Professional Institutions	Attending Seminar and Workshops		



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1	Name of Teaching Staff	Miss Charul. R. Singh		
2	Designation	Assistant Professor		
3	Department	Information Technology		
4	Date of Joining the Institution	10-Jan-2022		
5	Qualifications with Class/Grade	B.E.(Computer ) Division:First	M.E.(Computer) Division:First	--
6	Total Experience in Years	Teaching : 00	Industry : 3months	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	----		
13	Consultancy Activities	----		
14	Awards	----		
15	Grants fetched	----		
16	Interaction with Professional Institutions	----		




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1	Name of Teaching Staff	Mrs. Rajashri Rahul Chaudhari		
2	Designation	Assistant Professor		
3	Department	Information Technology		
4	Date of Joining the Institution	10/01/2022		
5	Qualifications with Class/Grade	B.E.(Computer Engineering) Division: First class with Distinction	M.E.(Computer Science and Engineering) Division : First class with Distinction	PhD Pursuing (Computer Engineering)
6	Total Experience in Years	Teaching : 4.5 Years	Industry : 00	Research : ----
7	Papers Published	National : 0		International : 3
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	----		
13	Consultancy Activities	----		
14	Awards			
15	Grants fetched	----		
16	Interaction with Professional Institutions	----		

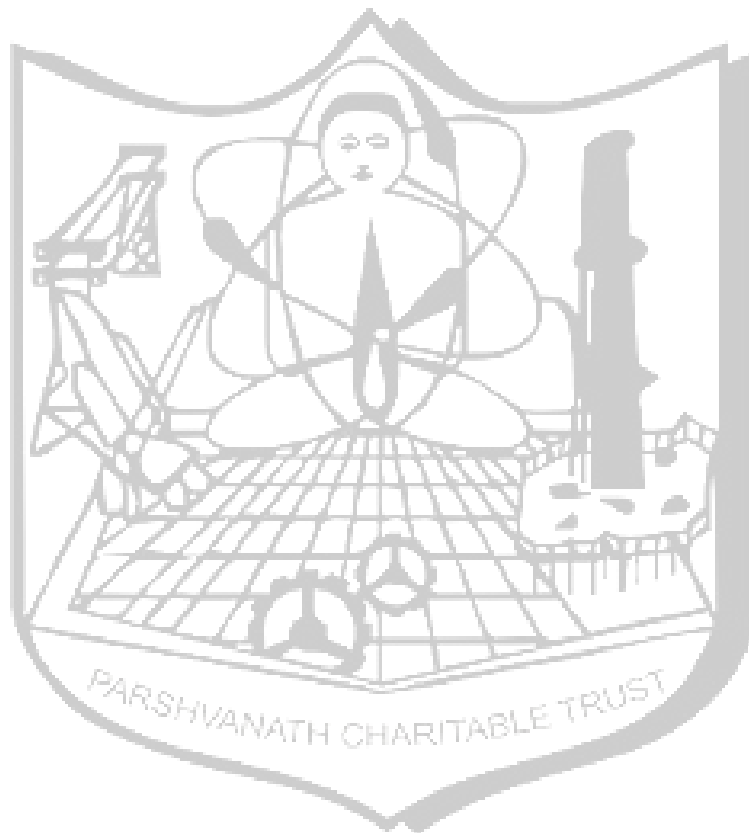


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1	Name of Teaching Staff	Mrs. Jayshree Jha		
2	Designation	Assistant Professor		
3	Department	Information Technology		
4	Date of Joining the Institution	11 <sup>th</sup> Jan, 2022		
5	Qualifications with Class/Grade	B.E.(Comp) First class	M.E.(Comp) First class with distinction	--
6	Total Experience in Years	Teaching : 9yrs	Industry : 2 yrs	Research : ----
7	Papers Published	National : 0		International : 8
8	Papers Presented in Conferences	National : 0		International : 4
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	As research guide got funding from IEDC for project "Object Finder Find-me:The Object Finder".		
16	Interaction with Professional Institutions	----		




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1	Name of Teaching Staff	Miss. Susmita Das		
2	Designation	Asst. Prof.		
3	Department	I.T		
4	Date of Joining the Institution	11/01/2022		
5	Qualifications with Class/Grade	B.E.(Computer Engg.) Division (First class with Distinction)	M.E.(Computer Engg.) Division (First class with Distinction)	--
6	Total Experience in Years	Teaching : 07	Industry : 00	Research : ----
7	Papers Published	National : 0	International : 3	
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 Artificial Intelligence/ Machine Learning	
11	Books Published / IPRs/ Patents	Nil		
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.Shital Agrawal			
2	Designation	Assistant Professor			
3	Department	Information Technology			
4	Date of Joining the Institution	13/01/2022			
5	Qualifications with Class/Grade	B.E.(computer) Division: First	M.E.(Comp) Division: 1st	--	
6	Total Experience in Years	Teaching : 04	Industry : 00	Research : ----	
7	Papers Published	National : 0		International : 0	
8	Papers Presented in Conferences	National : 0		International : 0	
9	PhD Guide? Give field & Universit	NA		University ----	
10	PhDs / Projects Guided			Projects at Masters level ----	
11	Books Published / IPRs/ Patents	NA			
12	Professional Memberships	NA			
13	Consultancy Activities	NA			
14	Awards	NA			
15	Grants fetched	NA			
16	Interaction with Professional Institutions	NA			



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1	Name of Teaching Staff	Ms. Roshni Singh		
2	Designation	Assistant Professor		
3	Department	IT		
4	Date of Joining the Institution	17/01/22		
5	Qualifications with Class/Grade	B.E.(6.36) Division: second	M.E.(8.54) Division: Distinction	--
6	Total Experience in Years	Teaching : 03 Yrs 08 Months	Industry : 00	Research : ----
7	Papers Published	National : 0		International : 3
8	Papers Presented in Conferences	National : 0		International : 1
9	PhD Guide? Give field & University	NA ----		NA ----
10	PhDs / Projects Guided	NA ----		NA ----
11	Books Published / IPRs/ Patents	Book chapter 'An Empirical study on Teaching Methodology of GCIT' published at 'Business Research – A multi-Dimensional Perspective' ISBN No. 978-93-90728-66-4		
12	Professional Memberships	----		
13	Consultancy Activities	----		
14	Awards	Bronze medal at University Level in Avishkar Research Convention 2019		
15	Grants fetched	50,000 Nu at GCIT		
16	Interaction with Professional Institutions	----		



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1	Name of Teaching Staff	Ms. Rucha D. Kulkarni		
2	Designation	Assistant Professor		
3	Department	Information Technology		
4	Date of Joining the Institution	24/01/2022		
5	Qualifications with Class/Grade	B.E.(I.T.) Division: First	M.E.(Comp) Division: 1st with Distinction	--
6	Total Experience in Years	Teaching : 2	Industry : 00	Research : ----
7	Papers Published	National : 00	International : 02	
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	----		
13	Consultancy Activities	----		
14	Awards	----		
15	Grants fetched	----		
16	Interaction with Professional Institutions	----		




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## Department: Civil Engineering

	Name of Teaching Staff	UPENDRA WAMANRAO MATE		
	Designation	Assistant Professor, HOD		
	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 “<b>Pressure management</b>” 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"> <li>1. <b>Best Lecture Award</b> :of IWWA in 2006</li> <li>2. <b>Brijnandan Sharma Award:</b> of IWWA in Feb 2007.</li> <li>3. <b>Paryawaran Mitra Award:</b> by Thane Janata Sahakari Bank, Thane in 2009.</li> <li>4. <b>BE Inspired Award:</b> International award of Bentley Systems in 2009 at Charlotte, USA.</li> <li>5. <b>Vyankatesh Dahasahasra Award:</b> of IWWA in 2010.</li> <li>6. <b>Best Oral Presentation Award</b> in National Conference on 23rd January 2019.</li> </ol>			
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 " <b>Shiksha Rattna Puskar-2014</b> ", honored by the prestigious <b>India International Friendship Society (IIFS) New Delhi</b> 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 <sup>st</sup> 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 <sup>st</sup> 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 <sup>ST</sup> 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 <sup>st</sup> Class	M.Sc. ( Physics) 1 <sup>st</sup> 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 <sup>th</sup> 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 <sup>st</sup> Class	M.Sc. (chemistry) 1 <sup>st</sup> Class with distinction	M.Phil. (Chemistry) 1 <sup>st</sup> 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 Swapnil Chavan		
	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 <sup>st</sup> 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 CHARITABLE TRUST		
	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	----		



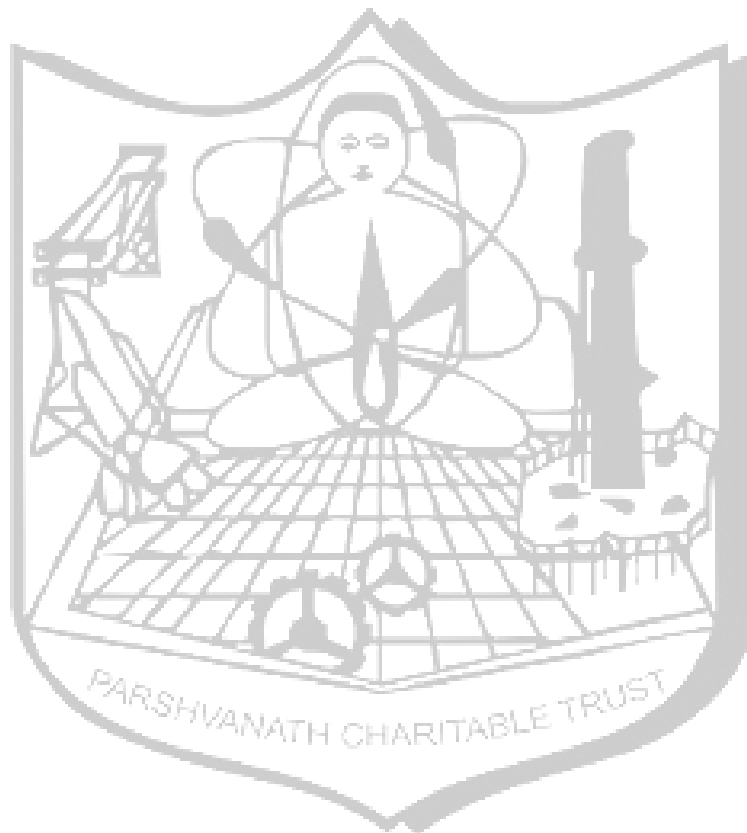
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Name of Teaching Staff	Jisha K R		
Designation	Assistant Professor		
Department	H&AS		
Date of Joining the Institution	03-02-2021		
Qualifications with Class/Grade	Post-graduation in English Language and Literature, B grade	UGC NET	Maharashtra SET
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 <sup>rd</sup> 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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1	Name of Teaching Staff	Mr. M. A. PANDEY		
2	Designation	Asst. Professor		
3	Department	EXTC		
4	Date of Joining the Institution	17/07/2014		
5	Qualifications with Class/Grade	B.E (EXTC) 1st Class	M.E. (Pursuing)	----
6	Total Experience in Years	Teaching : 2	Industry : ---	Research : ----
7	Papers Published	---	---	
8	Papers Presented in Conferences	---	---	
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	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	----		

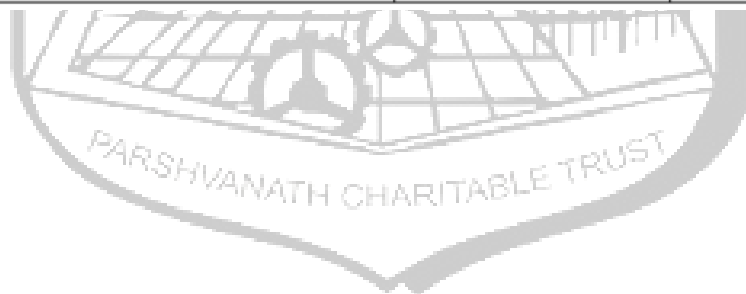


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## ANNEXURE B

Following is the Fee Structure for Academic Year 2021-22:-

Year (2021-22)	First Year (Maharashtra State Board)	First Year (Other than Maharashtra State Board)
Particulars	Amount (Rs.)	Amount (Rs.)
<b>Tuition Fees</b>	116152	116152
<b>Development Fees</b>	11848	11848
<b>Enrollment Fees</b>	200	200
<b>Eligibility Fees</b>	0	300
<b>Gymkhana Fees</b>	60	60
<b>Cultural Fee</b>	6	6
<b>Disaster Relief Fund</b>	10	10
<b>Cultural Sports Fee</b>	30	30
<b>E-Charges</b>	10	10
<b>E-Suvidha</b>	50	50
<b>Vice Chancellor Fund</b>	20	20
<b>NSS Fund</b>	10	10
<b>National service scheme : Ekak Yojana</b>	10	10
<b>Total</b>	<b>128406</b>	<b>128706</b>





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## ANNEXURE C



GOVERNMENT OF MAHARASHTRA

STATE COMMON ENTRANCE TEST CELL, MAHARASHTRA STATE, MUMBAI

8th Floor, New Excelstor 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 1221/C.R. 017/CAP/FE-Admission Notice/2021/1826

Date:01/11/2021.

### ADMISSION NOTICE FOR B.E./B. TECH. (4 YEARS) & MASTER OF ENGINEERING AND TECHNOLOGY (INTEGRATED-5 YEARS) FOR ACADEMIC YEAR 2021-22

This notice is being issued for Online Registration, Scanning & uploading of documents, Documents E-Verification or Physical Verification depend on the document verification mode selected by candidate 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 2021-22 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 and Physical Scrutiny is introduced by the Competent Authority. The candidate shall choose any one mode for document verification during online form filling.

**Process of application:** The Candidate shall register online, 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 in case of E- scrutiny mode selected. his/her application & documents shall be verified and confirmed by the designated E-Scrutiny Center through online mode or if candidate selected Physical Scrutiny he need to visit nearest FC Centre.

#### Eligibility Criteria for various types of candidature for Admissions:

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 2021 and should obtain non zero score in MHT-CET 2021 conducted by the Competent Authority;</p>	<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 subject or Computer Science or Information Technology or Informatics Practices or Agriculture or Engineering Graphics or Business Studies or Electronics or Entrepreneurship 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 should obtain non zero positive score in JEE Main (B.E./B.Tech) or the candidate should have appeared in all the</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>	
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Or (II) Passed 3 years 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);	subjects in MHT-CET 2021 and should obtain non zero score in MHT-CET 2021. However, preference shall be given to the candidate obtaining non zero positive score in JEE Main(B.E./B.Tech) over the candidates who obtained non zero score in MHT-CET 2021. Or (ii) Passed minimum 3 years Diploma in Engineering and Technology 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);	
(III) Obtained non zero score in MHT-CET 2021.	(III) Obtained non zero positive score in JEE(Main) or MHT-CET 2021.	

**Online Registration for Admission:-**

- 1.1 The candidates should apply online on [www.mahacet.org](http://www.mahacet.org) as perschedule.
- 1.2 Candidates who have registered for MHT-CET 2021 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 2021-22 in JEE (Main) and have not registered for MHT-CET 2021 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.)

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/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/ NRI/OCI/PIO/CIWGC/FN candidates). Registration for Union Territory of Jammu and Kashmir and Union Territory of Ladakh Migrant Candidate.  <i>Note:- Candidates opting for Maharashtra plus AI Candidature as well as NRI/PIO/OCI/CIWGC, shall apply separately for each type.</i>	02-11-2021	18-11-2021 up to 05.00 p.m.



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<b>2.</b>	<p><b>Documents verification and confirmation of Application Form for Admission by online mode.</b></p> <p>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.</p> <p><b>Process for E-Scrutiny Mode selected candidates:</b></p> <ol style="list-style-type: none"> <li>1. Such candidate shall fill online application form and scan original document and upload the required documents from any computer/smartphone connected to internet from anywhere.</li> <li>2. Such candidate need not have to visit to FC for verification and confirmation of the application form. His/Her application &amp; documents shall be verified and confirmed by the FC through e-Scrutiny Mode.</li> <li>3. During e-Scrutiny of Application Form of such candidate:           <ul style="list-style-type: none"> <li>• If no error is found: the status of verification &amp; confirmation of the application form shall be available in candidates Login along with receipt cum Acknowledgement.</li> <li>• 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.</li> <li>• Candidate shall edit the reverted Application form and re-submit the application for e-Scrutiny through his/her login.</li> <li>• Candidate shall edit the reverted Application in given schedule e-Scrutiny through his/her login.</li> </ul> </li> </ol> <p><b>Process for Physical Scrutiny Mode selected Candidates</b></p> <ul style="list-style-type: none"> <li>• Such candidate shall visit the facilitation Center online selected by himself/herself, along with the required documents as per the allotted time slot for online filling scanning &amp; uploading of required documents, verification and confirmation of application form.</li> <li>• After verification &amp; Confirmation of application form, FC shall issue the receipt cum Acknowledgement.</li> </ul> <p>b) NRI/PIO/OCI/CIWGC/FN candidates should send the print of online filled &amp; submitted application form &amp; copy of uploaded documents by hand/speed post/courier for verification &amp; confirmation to "Director, Sardar Patel College of Engineering (SPCE), Versova Road, Munshi Nagar, Andheri (West), Mumbai- 400058".</p>	02-11-2021	20 <sup>th</sup> -11-2021 up to 05.00 p.m
<p>*Facility of Online Registration &amp; Documents verification, confirmation of Application Form for Admission to Seats other than CAP Seats shall be continued till 23<sup>rd</sup> December, 2021 up to 5.00 PM at online E-Verification by Scrutiny Center.</p> <ul style="list-style-type: none"> <li>• Applications registered after 18th November 2021 shall be considered only for Non CAP Seats.</li> <li>• Applications confirmed by Scrutiny Center/Facilitation Center after 20th November 2021 shall be considered only for Non CAP Seats.</li> </ul>			
<b>3.</b>	Display of the provisional merit list for Maharashtra State/All India candidates on website.	22-11-2021	
<b>4.</b>	<p><b>Submission of grievances if any, for all type of Candidates:</b></p> <ul style="list-style-type: none"> <li>• Candidate shall raise the Grievance about correction required in the data displayed in provisional merit list through his/her Login.</li> <li>• The application of such candidates shall be reverted back to the candidate in his/her Login for rectification.</li> <li>• Candidate shall upload the requisite documents to substantiate the claim for any correction/concession.</li> <li>• The status of acceptance/rejection of Grievance raised by</li> </ul>	23-11-2021	25-11-2021 Up to 5.00PM



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	<p>candidate shall be available in candidates Login along with latest receipt cum Acknowledgement.</p> <ul style="list-style-type: none"> <li>Those Candidate who selected physical scrutiny mode shall visit FC for resolving the grievances.</li> </ul>		
5.	Display of the Final Merit Lists of Maharashtra State/All India candidates on website.	27-11-2021	
6.	Display of Provisional Category wise Seats (Seat Matrix) for CAP Round I	27-11-2021	
<b>CAP Round I</b>			
7.	Online Submission & Confirmation of Option Form of CAP Round-I through candidate's Login by the Candidate.	28-11-2021	30-11-2021
8.	Display of Provisional Allotment of CAP Round-I	02-12-2021	
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 the 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>	03-12-2021	05-12-2021 Up to 03.00 p.m.
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>	03-12-2021	06-12-2021 Up to 05.00 p.m.
<b>CAP Round II</b>			
11.	Display of Provisional Vacant Seats for CAP Round-II	07-12-2021	
12.	Online Submission & Confirmation of Option Form of CAP Round-II through candidate's Login by the Candidate.	08-12-2021	10-12-2021



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13.	Display of Provisional Allotment of CAP Round-II	11-12-2021	
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.	12-12-2021	14-12-2021 up to 03.00 pm
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.	12-12-2021	14-12-2021 up to 05.00 pm
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"> <li>• Display of vacant seats on institute website and giving appropriate advertisement in the News Paper.</li> <li>• Invite applications from registered candidates.</li> <li>• Prepare and display Merit List on college website and Institute Notice Board.</li> <li>• Carry out/ Complete Admission Process by following Government Admission Rules</li> </ul>	15-12-2021	22-12-2021
17.	Commencement of academic activities for All Institutes	06-12-2021	
18.	Cut-off Date for all type of admissions for the Academic Year 2021-21	23-12-2021	
19.	For Institutes: Last date of uploading the data (details of admitted candidates)	24-12-2021	

**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"	03-12-2021	05-12-2021
2.	Reporting to the Allotted Institute and Confirmation of Admission by submitting required documents and fees, as per Final Allotment.	04-12-2021	06-12-2021

**Important Note: -**

1. All types of candidates aspiring for admission under CAP seats shall register himself/herself online, Scan and upload Documents, solve grievances (Depends on document verification mode selected by candidate) raised by Facilitation Center (FC) in person or 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, VJ/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 31<sup>st</sup> March 2022. 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. 218971-2019/2225.31/19-31, dated 12th February, 2019 only)
4. For Union Territory of Jammu and Kashmir and Union Territory of Ladakh Migrant /NRI/PIO/OCI/CIWGC/FN 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, VJ/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 physical document verification or 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 06/12/2021 up to 05.00 p.m. to otherwise these candidates shall be considered as Open category candidates for next round provided candidate full fill eligibility criteria for open category and their allotment for CAP -1, if any, shall be cancelled.

**General Notes:**

1. The List of Facilitation Center/ 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](http://www.mahacet.org)
4. For queries/enquiry: Help Line No.9175108612 between 10 a.m. to 06 p.m.
5. All Types of Document Verification Activity remains open all days including Saturday & Sunday between 10 a.m. to 05.30 p.m. except from 04/11/2021 to 07/11/2021 due to Diwali Vacation

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



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**GOVERNMENT OF MAHARASHTRA**  
 STATE COMMON ENTRANCE TEST CELL, MAHARASHTRA STATE, MUMBAI  
 8th Floor, New Excelstor Building, A.K. Nayak Road, Fort, Mumbai 400 001.

E-Mail-maharashtra.cetcell@gmail.com  
 Website -www.mahacet.org

Telephone No. - 022-22016157/53  
 022-22016159

No. TED 1221/C.R. 017/CAP/FE-Admission Notice-3/2021/2078

Date:07/12/2021.

**REVISED ADMISSION NOTICE FOR B.E./B. TECH. (4 YEARS) & MASTER OF ENGINEERING AND TECHNOLOGY (INTEGRATED-5 YEARS) FOR ACADEMIC YEAR 2021-22**

The revised activities and scheduled dates for Maharashtra State/All India candidates are as follows.

Sr. No.	Activity	Schedule	
		First Date	Last Date
Non CAP Registration and Document Verification will be continue till cut-off date.			
<b>CAP Round I</b>			
7.	Online Submission & Confirmation of Option Form of CAP Round-I through candidate's Login by the Candidate.	29-11-2021	01-12-2021
8.	Display of Provisional Allotment of CAP Round-I	03-12-2021	
9.	Accepting to the offered seat by candidate through his/her login as per Allotment of CAP Round I. 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. b) If candidate found the claim made by him is not correct and he/she wants to the 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. 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. 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] 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.	04-12-2021	10-12-2021 Up to 03.00 p.m.
10.	Reporting to the Allotted Institute and Confirmation of Admission by submitting required documents and payment of fee after CAP Round I.  Note: a) Candidates who have accepted the seat as per 9 (c), 9 (d) above must report to allotted institute for confirmation of admission 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	04-12-2021	10-12-2021 Up to 05.00 p.m.



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	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.		
<b>CAP Round II</b>			
11.	Display of Provisional Vacant Seats for CAP Round-II	12-12-2021	
12.	Online Submission & Confirmation of Option Form of CAP Round-II through candidate's Login by the Candidate.	13-12-2021	15-12-2021
13.	Display of Provisional Allotment of CAP Round-II	17-12-2021	
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.	18-12-2021	21-12-2021 up to 03.00 pm
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.	18-12-2021	21-12-2021 up to 05.00 pm
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"> <li>▪ Display of vacant seats on institute website and giving appropriate advertisement in the News Paper.</li> <li>▪ Invite applications from registered candidates.</li> <li>▪ Prepare and display Merit List on college website and Institute Notice Board.</li> <li>▪ Carry out/ Complete Admission Process by following Government Admission Rules</li> </ul>	22-12-2021	29-12-2021
17.	Commencement of academic activities for All Institutes	13-12-2021	
18.	Cut-off Date for all type of admissions for the Academic Year 2021-21	29-12-2021	
19.	For Institutes: Last date of uploading the data (details of admitted candidates)	30-12-2021	

**Important Instructions for candidate:**

The SC, ST, VJ/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 physical document verification or the E- document verification and confirmation period should scan and submit Caste/ Tribe Validity Certificate, Non Creamy Layer Certificate, EWS Certificate in online mode and submit original certificate at Allotted Institute on or before 21/12/2021 up to 05.00 p.m. otherwise such admission get automatically cancelled and candidate shall be considered as Open category candidate for next institutional vacancy round provided candidate full fill eligibility criteria for open category.

**General Notes:**

1. The List of Facilitation Center/ 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](http://www.mahacet.org)
4. For queries/enquiry: Help Line No.9175108612 between 10 a.m. to 06 p.m.
5. All Types of Document Verification Activity remains open all days including Saturday & Sunday between 10 a.m. to 05.30 p.m.

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



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## ANNEXURE D

IL STUDENTS 2021-22					
Sr.No.	First Name	Middle Name	Last Name	Mothers Name	Department
1	SAHIL	HEMANT	BOTRE	ASHWINI	CIVIL
2	GAURAV	JITENDRA	SHAH	SONAL	COMP
3	SALONI	SHIRISH	CHAVAN	MADHUCHANDA	COMP
4	MRUNALEE	RAJENDRA	MANE	SUNITA	COMP
5	PREM	CHHATRAPATI	MANERA	ANITA	COMP
6	YOSHITA	RAJENDRA	KUMBHAR	DARSHANA	COMP
7	SOHAM	PRAVIN	BAKARE	SHALAKA	COMP
8	VANSH	MUKESH	OZA	KAJAL	COMP
9	SAIRAJ	RAMESH	WAJE	VAIBHAVI	COMP
10	VARUN	MAHENDRA	GOHE	MEGHA	COMP
11	TRISHA	VISHAL	DOSHI	SHWETA	COMP
12	SAKSHI	SHRINIVAS	KUNTA	MANJULA	COMP
13	OM	ABHIMANYU	PATIL	SANGITA	COMP
14	SUJYASH	NILESH	KANNALJIYA	SADHANA	COMP
15	HETAL	CHANDANSINGH	RAWAT	KOMAL	COMP
16	DIPESH	SANTOSHKUMAR	JAIWAR	ANU	COMP
17	OMKAR	SANDEEP	JADHAV	INDIRA	COMP
18	URVI	GIRISH	BALEKUNDRI	GAURI	COMP
19	LEHER	NILESH	TALASHILKAR	SANGEETA	COMP
20	HARSHAL	RAVINDRA	PATIL	VAISHALI	COMP
21	ATHARV	VINAY	AGHARKAR	SHARWARI	COMP
22	SOHAM	RAHUL	PATIL	SANDHAVI	COMP
23	RAKHEE	SANJAY	SHARMA	RASHMI	COMP
24	DHRUV	RAJESH	MAHYAWANSHI	HARSHALA	COMP
25	JISHANAHMED	ABDULRAHIM	SHAIKH	JAKIYA	COMP
26	MEDHA	PRAVIN	KEDARE	SNEHA	COMP
27	AREEN	UTTAM	KOLEKAR	SARIKA	COMP
28	JYOTI	ANIL	SIKDER	KANIKA	COMP
29	AMEY	AMIT	AVHAD	SAYALI	COMP
30	AARYAN	YOMESH	CHOTHANI	GAYATRI	COMP
31	ARNAV	VIKRAM	JOSHI	SAMPADA	COMP
32	ROSHANI	TANAJI	SURVE	MINAL	COMP
33	PRATHAM	SANDIP	PAWAR	SMITA	COMP
34	VIRAJ	TUSHAR	RAICHA	TEJAL	COMP
35	ARIHANT	MANOJ	KULKARNI	SHILPA	COMP
36	RAHUL	NARAYAN	IYER	RAJESHWARI	COMP
37	SHUBHAM	YOGESH	PARDHI	PREETI	COMP
38	ADVAIT	YOGENDRA	MULAY	PRITI	COMP
39	ADITI	ABHIJIT	PANCHPOR	KALPANA	COMP
40	ADITYA	RAJENDRA	RAORANE	RIYA	COMP
41	AARYAN	AMAR	SORTE	ASAWARI	COMP
42	SIDDHESH	SANDEEP	SHINDE	SANJEEVANI	COMP
43	AMMAR	AMJAD	SANDILKAR	AFSARI	COMP
44	OM	PRADEEP	BEHRA	DIPTI	COMP
45	KRIST	ALDRIN	WILLIAM	IRENE	COMP
46	PRANAV	PRAVIN	PATIL	RAKHI	COMP
47	APURVA	RAVIRAN	GHUGE	JAYASHREE	COMP
48	SANIKA	PRASHANT	PALANDE	SAKSHI	COMP
49	ANUSHKA	SUNIL	BHALERAO	VISHAKHA	COMP
50	HARSH	GIRISHCHANDRA	MAURYA	PREMLATA	COMP
51	AMAN	MAHENDRA	SINGH	VIDYA	COMP
52	ATHARVA	GOPALSWAMY		VIJAYA	COMP



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53	PRANIL	RAVINDRA	BELGE	MANISHA	COMP
54	NIRAJ	ANANT	BADE	SHARADA	COMP
55	AMARISH	SUNIL	SIKDER	ASMRUTI	COMP
56	AKSHADA	SURESH	GUPTA	SADHANA	COMP
57	VAIDIK	BASANT	GUPTA	MANISHA	COMP
58	SANSKRUTI	MARUTI	SHELKE	MANGAL	COMP
59	KRITHIK	DEVANAND	PATIL	URMILA	COMP
60	RITESH	APPASAHEB	DESAI	VIDYA	COMP
61	TEENA	CRANCHAL	BISHT	SHANTI	COMP
62	AMIT	ANIL	WAKADE	SEEMA	COMP
63	SHREYAS	SANDEEP	SHINDE	SAMRUDDHI	COMP
64	HARIOM	MITU	SHAHU	GITANJALI	COMP
65	DEEP	BHASKAR	KOTWAL	KANCHAN	COMP
66	HARSHITA	VISHAL	TALWAR	RAJNI	COMP
67	HARSH	SHIVRAM	JIKAMADE	SANGEETA	IT
68	SIDDI	SHAILESH	PATOLE	SHRUTI	IT
69	PRANJAL	UTTAM	KAPSE	SUREKHA	IT
70	SANKALP	SANJAY	GUNJAL	SHUBHANGI	IT
71	SHUBHAM	SANTOSH	YADAV	MITA DEVI	IT
72	ANKUSH	SANJAY	JHA	PAMI	IT
73	ABHIT	RACHEL	KANNAPOGU	SUJATHA	IT
74	SAHEEL	UMESH	SAWANT	PRERNA	IT
75	SONAL	BODHGAYA	MALLAH	MAYA	IT
76	VINAYAK	DHANANJAY	SHARMA	VANDANA	IT
77	ATHARVA	MAHESH	SUTAR	SWAPNALI	IT
78	SAHIL	ANIL	MOHITE	LATIKA	IT
79	URVI	AJAY	JOSHI	NAYANA	IT
80	ROHIT	VILAS	NIGADE	PRATIBHA	IT
81	YASH	VITTHAL	PATIL	SUVARNA	IT
82	ANIKET	BIPIN	PANDE	JYOTIMA	IT
83	MULTAZIM	SAJID	BHURE	MAHEEN	IT
84	PRATIK	SANJAY	RAJWIR	VARSHA	IT
85	DIGAMBAR	DAULAT	NIMASE	ASHA	IT
86	MIHEER	HARISHCHANDRA	MORE	MANISHA	IT
87	ANURAG	BHARATLAL	GUPTA	RITADEVI	IT
88	SANIKA	SAMIR	YADKIKAR	KANCHAN	IT
89	AKANKSHA	PANDURANG	BHOIR	PRIYA	IT
90	PRASHANT	SANJAY	KAMBLE	MANISHA	IT
91	TARANG	HIMANSHU	AGARWAL	BHAVANA	IT
92	YASH	MAHENDRA	KASAR	BHARATI	IT
93	YUGANT	CHANDRAKANT	BHOIR	SEEMA	IT
94	VEDANGI	PARAG	PATIL	RASHMITA	IT
95	PRATHAM	TILAK	KATARIA	AARTI	IT
96	MUSKAN	BRIJESH	SINGH	USHA	IT
97	HITESH	PRAMENDRA	DUBEY	ANJU	IT
98	ATHARVA	RAVINDRA	MOHAPE	ARCHANA	IT
99	ISHAN	VINAYAK	JAMBHEKAR	REWATI	IT
100	SAMIKSHA	CHANDRAKANT	DEO	KAVITA	IT
101	OM	RAKESH	PANDEY	POOJA	IT
102	VISHAKHA	VIJAY	MAHAJAN	MADHURI	IT
103	KUNAL	SHERBAHADUR	SINGH	ASHADEVI	IT
104	SUJAL	ASHOK	SHARMA	SANTOSH	IT
105	DHRUV	JITENDRA	TRIVEDI	GUNWANTI	IT
106	ANKITA	RAJENDRA PRASAD	SEMWAL	SAVITA	IT
107	MAYUR	MANOHAR	PARAB	MANISHA	IT



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108	YUKTI	KAILASH	OGARE	SEEMA	IT
109	PRANAV	DINESH	PATIL	MADHURI	IT
110	SIDDI	SANDIP	DESALE	PRATIBHA	IT
111	SIDDHARTH	DEEPAK	DEVARE	SUVARNA	IT
112	SAMEER	SUJEET KUMAR	MISHRA	ASHA	IT
113	CHINMAY	ARUN	PATIL	NAMRATA	IT
114	RIYA	ASHOKBHAI	PATEL	CHHAYA	IT
115	ADITYA	PANKAJ	CHOUGULE	SAROJA	MECH
116	YASH	RAJESH	BHOSLE	RASIKA	MECH
117	ABHIRUP	JAYANTA	DEY	BANSARI	MECH
118	ARYAN	GANESH	BANGERA	DIVYA	MECH
119	SWAVED	SAMEER	WALIMBE	SUWARNA	MECH
120	HARSHWARDHAN	PRITI	KULKARNI	PRITI	MECH
121	ARCHIT	SARVAJAY	MEDHE	LALITA	AIML
122	ROHIT	SATISH	YADAV	SHILA	AIML
123	MIHIR	SHRIKANT	BHAVE	SHILPA	AIML
124	VINAYAK	DATTARAM	KOKARE	SMITA	AIML
125	ROHIT	PRAMOD	NEGI	ANITA	AIML
126	FARAZUDDIN	MOHD IKHLAQUE	SHAIKH	NAZMA	AIML
127	HIMANSHU	DEVENDRASING	RAJPUT	VAISHALI	AIML
128	SANJITA	SANJAY	SHUKLA	GEETA	AIML
129	NEHALI	SANTOSH	PALKAR	JAYASHREE	AIML
130	CHIRAG	BHAUSAHEB	SAWANT	SAVITA	AIML
131	SRIDEV	BHOJA	NAYAK	VINODINI	AIML
132	NISHANT	JAYWANT	HIRE	SWAPNA	AIML
133	JEET	PRASHANT	MANJREKAR	VAISHALI	AIML
134	SHIHAB	KASIM	KAROL	HASINA	AIML
135	SHREYASH	SANTOSH	GHARGE	SAMIKSHA	AIML
136	AMAN	CHANDRAKANT	TIWARI	AMBUJ	AIML
137	RUTUJA	SANDEEP	PATIL	SUREKHA	DS
138	SANSKRUTI	NAINESH	CHAVAN	NEHA	DS
139	VEENA	-	SHARMA	REENU	DS
140	EKTA	SURESH	PANCHAL	JYOTSNA PANCHAL	DS
141	SAHIL	NITIN	MUJUMDAR	SONALI	DS
142	JASJIT SINGH	DALJIT SINGH	DRANOTA	IQVAL KAUR	DS
143	MONTU	TAGARAM	SUTHAR	CHHAGANI	DS
144	OM	DHANAJI	JONDALE	RESHMA	DS
145	URVI	YASHWANT	PADELKAR	RAJASHRI	DS
146	KHUSHI	PANKAJKUMAR	CHHOKER	SARITA	DS
147	RIDHIK	RAJESH	THAKUR	RUTTIKA	DS
148	PRAVESH	SURYAPRAKASH	YADAV	CHANDRAVATI YADAV	DS
149	PRATHAMESH	KAILAS	BABAR	MADHURI	DS
150	HRITHIK	JAHENDRA	SINGH	RAVITA	DS
151	HARSHAL	ANANT	PATIL	JYOTI	DS
152	SHREYAS	SHASHIKANT	PATIL	KALPANA	DS
153	PRANJAL	RAJESH	DESAI	ARUNDHATI	DS
154	SHRAVANI	KISHOR	KULKARNI	PORNIMA	DS
155	SWAPNIL	MOHAN	RATHOD	LAXMI	DS
156	SHREYAS	JAGANNATH	REVANKAR	USHA	DS
157	SANIKA	ATUL	SHELKE	ASHA	DS



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**PROVISIONAL MERIT LIST 2021-22**

Merit No.	Form No.	FIRST_NAME	MIDDLE_NAME	LAST_NAME	CET_TOTAL_MARKS
M001	4393209	ANUJ	PIYUSH	POKHARNA	97.268
M002	7253664	ATUL	MAHENDRA	GUPTA	96.2295
M003	7043660	AMAN	MAHENDRA	SINGH	95.3805
M004	1003634	SOHAM	RAVINDRA	PALAV	94.9121
M005	533906	ARCHIT	SARVAJAY	MEDHE	94.65
M006	9974422	MOD.	SUFIYAN	SIDDIQUI	94.1934
M007	1873714	ATHARVA	KISHOR	PHADKE	94
M008	3363609	TRUSHALI	SANJAY	SHINDE	93.1482
M009	6044310	KM	MANDVI	SHUKLA	92.96
M010	493719	SHWETA	SANJAY	BHUTADA	92.31
M011	2694144	HARSH	BALKRISHNA	SAWANT	92
M012	4974331	POOJA	PRAKASH	MALPEKAR	91.6568
M013	7004098	SANKET	SANTOSH	SARODE	91.4468
M014	1033005	VEDANTI	PRADEEP	GODBOLE	91.132
M015	8054222	HIMANSHU	AMIT	SHINDE	90.9884
M016	2313687	RAHIL	ASLAM	KHAN	90.489
M017	7704183	UNNATI	SHARADCHANDRA	POHANKAR	90
M018	9444074	AYUSH	ANILKUMAR	PANIGRAHI	89.9015
M019	7334439	SANSKRUTI	MARUTI	SHELKE	89.4148
M020	9283692	SHRISTI	RAJESH	SAKORE	89



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M021	4684176	SACHIN	AKHILESH	MAURYA	88.7544
M022	5223650	BATTULA	DEEPAK	SADANAND	88.66
M023	9353646	AMIL	PARVEJ	GAURI	88.5585
M024	4363329	NAWAZISH	ABDUL RAHEMAN	PATEL	88.4488
M025	5193611	AMOGH	MAHESH	PARULEKAR	88
M026	7944308	ADVAIT	AMRUT	DESAI	87.9283
M027	1174153	ATHARVA	PRASHANT	JAGTAP	87.8983
M028	464375	SAKSHI	SHRINIVAS	KUNTA	87.89
M029	2944266	PRATIK	KISHOR	PATIL	87.78
M030	2793282	KARTIK	CHETAN	KANCHAN	87.5486
M031	9813677	RAHUL	RAJESH	BABAR	87.304
M032	184438	ROHIT	PRAMOD	NEGI	87.25
M033	3603299	SARVESH	PRAKASH	PATIL	87.2237
M034	5603260	ANKIT	SANTOSH	YADAV	87
M035	9293466	PRANAV	DINKAR	NAGOTHANEKAR	87
M036	7123686	ABHISHEK	DAMODAR	BAPAT	87
M037	2773973	SHUBHAM	YOGESH	PARDHI	87

M038	8034037	SIDDHESH	SUNIL	DIGE	87
M039	3373257	JANVI	DINESH	SHARMA	87
M040	7064172	AAYUSH	PRADIP	ROKADE	86.8379
M041	714007	MUSTAFA	ALIASGAR	BHAGAT	86.8379



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M042	883187	SAMIKSHA	SANTOSH	GAWADE	86.8379
M043	7913423	VEDANT	NITIN	FARKADE	86.7969
M044	5493678	SWAPNIL	MANDAR	JOSHI	86.7142
M045	3193985	PRATHAMESH	RAMDAS	NAIK	86.5938
M046	8883696	KAISER	MEHBOOB	MOMIN	86.5938
M047	8133372	LALIT	SURESH	JAJOO	86.5
M048	9333406	ADITYA	SURESH	NAMBIAR	86.3539
M049	9683338	ADITYA	SURESH	NAMBIAR	86.3539
M050	2144282	KANCHAN	RAKESH	KEDARI	86.2252
M051	6734135	MOHIT	RAJENDRA	CHAVAN	86.1534
M052	4854171	AQUIB	JAVED	SHAIKH	86.1534
M053	4343668	AKSHATA	SACHIN	NALAVADE	86
M054	8924157	MIHIR	RAJENDRA	MANJREKAR	86
M055	3344175	RITESH	VASANT	PATIL	86
M056	6454088	ATHARVA	PRADEEP	DALVI	86
M057	7484446	VINAYAK	DHANANJAY	SHARMA	82.5259
M058	3524396	SIDDHI	SANDIP	DESALE	81.988
M059	3812996	AARYAN	AMAR	SORTE	81.98
M060	4504430	VINAYAK	DATTARAM	KOKARE	80.2221
M061	6384225	SHREYAS	SANDEEP	SHINDE	80
M062	2633978	ADITYA	PANKAJ	CHOUGULE	79.5283



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M063	1534370	VANSH	MUKESH	OZA	78
M064	7494378	VARUN	MAHENDRA	GOLHE	76.1031
M065	9873530	AMARISH	SUNIL	SIKDER	75.91
M066		ABHIRUP	JAYANTA	DEY	75.43
M067	143018	PRANAV	PRAVIN	PATIL	74.5854
M068	3874433	FARAZUDDIN	MOHD IKHLAQUE	SHAIKH	73.0277
M069	7683035	ADVAIT	YOGENDRA	MULAY	73
M070	3913962	HETAL	CHANDAN	RAWAT	72.6591
M071	7613942	YASH	VITTHAL	PATIL	71.0624
M072	6714377	OM	ABHIMANYU	PATIL	71
M073	7504164	AKSHAY	SANJAY	SARODE	70.82
M074	5503078	SANJITA	SANJAY	SHUKLA	70.39
M075	8704195	MIHIR	SHRIKANT	BHAVE	69.9893
M076	4224458	SIDDHARTH	DEEPAK	DEVARE	69.0488
M077	434349	SANKALP	SANJAY	GUNJAL	69.04
M078	2684067	APURVA	RAVIKIRAN	GHUGE	68.56

M079	4384004	VAIDIK	BASANT	GUPTA	68.533
M080	943935	ADITI	ABHIJIT	PANCHPOR	67.77
M081	2833009	EKTA	SURESH	PANCHAL	66.1416
M082	3374376	TRISHA	VISHAL	DOSHI	65.839



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M083	7433415	SRISHTI	SANTOSH	GAIKWAD	64.36
M084	6933287	ARYAN	UDAY	MHATRE	64.17
M085	1004106	HARSH	DHONDIBA	KOKITKAR	64.16
M086	3564205	HARSH	GURUNATH	SHELKE	64.03
M087	8234122	HARSHAL	ANANT	PATIL	63.9429
M088	634117	MAVIYA	ABDULMAJID	BUBERE	63.9429
M089	2703945	PRANIL	RAVINDRA	BELGE	63.716
M090	1553768	YASHASHREE	JAYWANT	MHATRE	63.71
M091	5854197	TANMAY	PRAKASH	BUCHADE	63.71
M092	8974271	SONAL	RAJESH	SONARGHARE	63.6974
M093	5324107	GATI	VIVEK	PATKAR	63.653
M094	3244315	PANDIT	VIKAS	MANOJ	63.65
M095	3713947	JIGAR	BHARAT	OJHA	63.65
M096	2733428	PREETAM	BALASAHEB	GHADGE	63.6
M097	234014	JAIN	PARTH	TANSUKH	63.5909
M098	9734043	SHREYAS	VINAY	WADALKAR	63.56
M099	934235	RUCHIR	SANJAY	POWAR	63.56
M100	1354076	DEVESH	MAHESH	SALI	63
M101	3594259	SHIPRA	MRIDUL	ASTHANA	63
M102	934358	AJAY	SANTOSH	CHAURASIYA	63
M103	6234258	SUMIT	NANDLAL	SINGH	63



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M104	1253451	SHIPRA	MRIDUL	ASTHANA	62.8388
M105	8574152	KRISHNA KUMAR	SATISH	GUPTA	62.8388
M106	7714274	RATNAKAR	RAJENDRA	PISAL	62.3076
M107	8183749	SHASHIKANT	JAYPRAKASH	SHUKLA	62.3076
M108	3424451	URVI	AJAY	JOSHI	61.8917
M109	7273580	IRAM	REHMAT BARI	ANSARI	61.8917
M110	6414091	KAPIL	SANTOSH	SURVE	61.8917
M111	5663022	JYOTI	ANIL	SIKDER	61.89
M112	7674255	SOHAM	SANTOSH	PALNITKAR	61.7066
M113	1063717	MEHUL	SANJAY	SHINDE	61.7066
M114	8243006	ARNAV	VIKRAM	JOSHI	61.7
M115	7593316	SHLOK	MANGESH	SHINDE	61.5288
M116	23986	SIDDHESH	SANDEEP	SHINDE	61.52
M117	1984347	ROSHAN	CHANDRAKANT	NIKAM	61.3943
M118	8813055	KASHISH	SHIVBABU	YADAV	61.394
M119	7213682	PRIYA	BALKRISHNA	PAWAR	61.39

M120	3353235	MOHAMMED	AMAAN	SHAIKH	61.39
M121	8243020	AREEN	UTTAM	KOLEKAR	61.27
M122	3534139	HIMANSHU	DINESHKUMAR	MAURYA	61.2512
M123	1643323	SONAL	BODHGAYA	MALLAH	61.2512
M124	3053346	ARNAV	CS	SRIDHAR	61.25



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M125	9074296	DHANASHREE	SURAJ	KASAR	61.1578
M126	2514254	NEHALI	SANTOSH	PALKAR	61
M127	2154219	TANMAY	TANAJI	PAWAR	60.8584
M128	2033508	PRERNA	SACHIN	WAGH	60.44
M129	5314190	SAGAR	GORAKH	PAWAR	59.7867
M130	5213940	JISHANAHMED	ABDULRAHIM	SHAIKH	59.7361
M131	1973278	GAYATRI	GIRISH	PATIL	59.0148
M132	8883176	PRATIM JARE	BHARAT	JARE	59
M133	9454142	PRANJAL	UTTAM	KAPSE	58.8127
M134	203086	SALONI	SHIRISH	CHAVAN	58.81
M135	3703713	SHONIT	SAJJAN	LUNIYA	58.7073
M136	8433275	SHIVAM	MADAN	DAGADU	58.7073
M137	4343694	SAHIL	PANDHARI	PATIL	58.7
M138	6763953	NISHANT	JAYWANT	HIRE	58.6039
M139	193238	RAKHEE	SANJAY	SHARMA	58.6039
M140	2774132	PRATIK	PRAVIN	INGALE	58.6038
M141	353465	ATHARVA	RAVINDRA	MOHAPE	58.26
M142	4373495	PRATIK	PRASHANT	GHORPADE	58.05
M143	6423459	KHUSHBOO	BHARAT	JAIN	58.05
M144	5044089	HARSH	SHIVRAJ	MULIK	58
M145	1693369	SAHIL	MANOJ	PANDA	58



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M146	3174335	MERIS	NILESH	GADA	58
M147	2713341	UMESH	BALASAHEB	PAWAR	58
M148	1034039	RAI	SHASHIKANT	PUND	57.243
M149	6964034	VANSHIKA	ASHOK	SALVE	57.243
M150	2783281	KIRTI	BALAJI	TELI	57
M151	6983366	MOKSH	JAYESH	SHAH	56.8008
M152	4713943	HITESH	PRAMENDRA	DUBEY	56.5642
M153	2774108	MAYANK	VINOD	KUMAR	56.5642
M154	6723680	MOHAMMED ZAID	MOHAMMED SOHEL	KHATRI	56.2588
M155	1154297	ABHIMANYU	SANTOSH	MAHAJAN	56.2588
M156	9674010	AASHAY	YOGESH	INGALE	56.2588
M157	9213494	NIKHIL	NITIN	NIKAM	56.1558
M158	6423964	MEDHA	PRAVIN	KEDARE	56.1558
M159	1223691	HARSH	PRAKASH	JAIN	56.155
M160	8013307	SHUBHAM	JITENDRA	VICHARE	56

M161	5844250	KSHITIJ	SHISHIR	BANSOD	56
M162	1334450	SANIKA	PRASHANT	PALANDE	56
M163	8574281	VEDANT	VIJAY	PARULEKAR	56
M164	5044181	MANMEET KAUR	SWARNSINGH	HUDA	55.31
M165	4054273	SOHAM	RAHUL	PATIL	55



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M166	7973755	RAMAN	UMAKANT	PINATE	54.6564
M167	6604147	CHIRAYU	SUNIL	SAPKALE	54.6564
M168	4983360	ADITYA	SHYAMKUMAR	SHRIVASTAV	54.0907
M169	4664311	AACHAL	SHRIKRUSHNA	ASALKAR	54.0907
M170	3784268	HARSH	SHIVRAM	JIKAMADE	54
M171	1404229	TANMAY	SUNIL	PATIL	53.91
M172	9964000	SHRAVANI	AMIT	BOGAR	53.663
M173	7034337	MRUNALEE	RAJENDRA	MANE	53.66
M174	8173477	MANOJ	DHANARAM	CHOUDHARY	53.25
M175	4483294	DHRUV	RAJESH	MAHYAWANSHI	53
M176	9423597	ANIKET	DILIP	KOTERE	52.2113
M177	5534407	YASH	MAHENDRA	KASAR	52.2113
M178	3943746	AKANKSHA	SURYAKANT	JAGTAP	52.21
M179	2014414	AKANKSHA	PANDURANG	BHOIR	52.0169
M180	7713684	SARTHAK	POPAT	FATANGADE	52.0169
M181	1133247	TUSHAR	SHAILENDRA	SINGH	52.0169
M182	5574447	ROHIT	VILAS	NIGADE	52
M183	6273949	VIRAJ	TUSHAR	RAICHA	52
M184	4463386	ADIT	JAYWANT	GHODKE	51.8984
M185	7643709	ADITYA	VIJAY	SAWANT	51.8984
M186	9763425	PRATIK	SUBHASH	PUTRAN	51.8152
M187	7223582	NANDANI	PRADEEP	INDE	51.4162



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M188	8243461	EKATA	RABISANKAR	DAS	51.21
M189	2113527	MOHAMMED RAZEEN	IBRAHIM	SAYYED	51.15
M190	8653382	KETAN	MANOJ	PATIL	51.1462
M191	7323226	SAMIKSHA	BHALCHANDRA	SAWARDEKAR	51.1462
M192	2713738	JAGRUTI	KALURAM	BHOIR	51.14
M193	9143351	VINIT	SHEKHAR	TELAVANE	50.7867
M194	7873993	RAHUL	NARAYAN	IYER	50.61
M195	1424333	ROHIT	VIJAY	RANE	50
M196	8484208	RAHUL	DILIP	GANGURDE	50
M197	6243707	MEENA	VISHNUPRASAD	JAKKANI	49.585
M198	7834146	MEETH	AMIN	YOGESH	49.36
M199	8153965	AMEY	AMIT	AVHAD	48.9794
M200	6443608	SANCHIT	SANJAY	PATIL	48.97

M201	7764367	SAIRAJ	RAMESH	WAJE	48.97
M202	9144455	SHRAVANI	DEEPAK	THAKARE	48.84
M203	1883356	NEHA	VINAYAK	PATIL	48.84
M204	6393154	HARSH	GIRISHCHANDRA	MAURYA	48.3716
M205	8443974	SAHIL	ANIL	MOHITE	48.3092
M206	5414448	ATHARVA	MAHESH	SUTAR	48
M207	8403767	VIRAG	SUDHIR	HOTE	48



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M208	7293739	ABDUL MOIZ	ASIF HASAN	USMANI	47.8944
M209	9093772	GAURAV	MAHADEV	PATIL	47.89
M210	3784444	ANIKET	BIPIN	PANDE	47.77
M211	8944436	OM	DHANAJI	JONDHALE	47.77
M212	593970	VEDANGI	PARAG	PATIL	47.7
M213	9293432	ROHIT	NA	THAKUR	47
M214	823506	PRASAD	DIVAKAR	SAKHA	45.4669
M215	8743237	SHREYAS	JAGANNATH	REVANKAR	45.4669
M216	2983690	PRATHAM	SUSHIL	MUNJE	45.46
M217	7843136	FAIZAN	RIZWAN	MAHIMKAR	45.1727
M218	3303326	PRADNYALI	PRASHANT	BANKAR	45.1727
M219	5914434	JASJIT SINGH	DALJIT SINGH	DHANOTA	45
M220	5324201	KOMAL	SHITAL	PATIL	45
M221	3153681	OM	YOGESH	KUMBHAR	44.874
M222	1634217	ISHAAN	VINAYAK	JAMBHEKAR	44.86
M223	5973076	HIMANSHU	DEVENDRASING	RAJPUT	44.86
M224	5104420	SAHIL	AJIT	PHADKE	44.86
M225	2723164	SWAVED	SAMEER	WALIMBE	44.52
M226	7464286	VINAY	VIJAY	HIRAP	44.52
M227	9574302	SHUBHAM	SANTOSH	YADAV	44.45
M228	783501	KUNAL	GANESH	WALUNJ	44.19



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M229	673393	RITHIKA	SINGH	PATEL	44.19
M230	893440	CHETAN	SHRIMANT	JAGTAP	44.19
M231	8103070	SOHAM	VIJAY	INGALE	44
M232	5124404	OMKAR	SANDEEP	JADHAV	44
M233	653496	AMAN	PARMESHWAR	PATHAK	41.622
M234	3554400	VISHAKHA	VIJAY	MAHAJAN	41.62
M235	664289	SAHIL	SANJAY	SORTE	41.5574
M236	9293769	YASH	VIJAY	POOJARI	41.55
M237	7414419	MANISH	MILIND	TADKE	41.1916
M238	1743320	MIHEER	HARISHCHANDRA	MORE	41.07
M239	733697	ALISHA	ANIL	SINGHVI	40.7677
M240	6394364	SIDDHI	SHAILESH	PATOLE	40.25
M241	6503431	OM	ANIL	JADHAV	40.25

M242	8994437	VAISHNAVI	HARISHCHANDRA	THOMBARE	40
M243	9353632	SIDDHESH	DEEPAK	JADHAV	39.786
M244	7214356	PRASHANT	SANJAY	KAMBLE	38.75
M245	983050	AARYAN	YOMESH	CHOTHANI	37.84
M246	6553210	SANIKA	KASHINATH	TARKASE	37.6726
M247	3914362	UGAM	RAMKRISHNA	POTDAR	37.67
M248	8503296	MAHIMAN	PRIYANK	DAVE	37.5663
M249	5424348	MIHEET	NILESH	SHAH	37.42



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M250	4953371	PARTH	AJAY	VORA	37.42
M251	4904015	PRANJAL	RAJESH	DESAI	37.38
M252	5273969	SOHAM	PRAVIN	BAKARE	37.38
M253	8083375	VATSAL	KETANKUMAR	SAVSANI	37
M254	5773710	VEDANT	SANJAY	MORE	37
M255	4353387	NIRAJ	ANANT	BADE	36.44
M256	623770	MANASI	JAYRAM	KARANGUTKAR	36.4203
M257	3263157	PRATHAM	TILAK	KATARIA	36.4
M258	3924416	MAYUR	MANOHAR	PARAB	36
M259	6523377	KRIST	ALDRIN	WILLIAM	35.4311
M260	8473994	HETVI	KIRIT	SAROLIYA	35.43
M261	7213337	HETVI	KIRIT	SAROLIYA	35.43
M262	9124380	ROHIT	SATISH	YADAV	35.43
M263	3003766	NIRIKSH	RAVI	SHETTY	35.4114
M264	6663498	PIYUSH	GAJENDRA	JAIN	35
M265	2523954	SHRAVANI	KISHOR	KULKARNI	35
M266	314379	ANURAG	BHARATLAL	GUPTA	34.9
M267	7054426	KADAMBARI	SANJAY	BIDVI	34.27
M268	4523462	SHOIAB	MAHMOOD	SHAIKH	34.23
M269	3313683	HARSHAL	SHITAL	SANKANNA	34
M270	203286	PRANAV	MANOHAR	WARULE	33.9864



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M271	5933471	SAMRUDDHI	SHRINIDHI	GINDI	33.8298
M272	3084449	MULTAZIM	SAJID	BHURE	33.79
M273	7764320	DARSHAN	RAMESH	PATIL	33.1689
M274	1984399	SAMIKSHA	CHANDRAKANT	DEO	33
M275	8364432	OM	PRADEEP	BEHRA	32
M276	5963718	ANKIT	RAMNIWAS	CHAUHAN	32
M277		SAHIL	HEMANT	BOTRE	31
M278	2953937	YUKTI	KAILASH	OGARE	30.67
M279	9073524	AKSHADA	SURESH	GUPTA	30.63
M280	9083526	SHREYASH	SANTOSH	GHARGE	30.3005
M281	3153239	RUSHA	AYUB	PATEL	30.3005
M282	74381	SHIVAM	SANTOSH	GUPTA	30.3

M283	2053787	VIVEK	JAYPRAKASH	VARMA	30.1146
M284	1194161	TEJAS	RAJESH	RATHOD	30
M285	7324143	ALOK	RAJUGUPTA	GUPTA	30
M286	7653971	ANKITA	RAJENDRA PRASAD	SEMWAL	30
M287	7533110	DHRUV	JITENDRA	TRIVEDI	27.4174
M288	5043636	MEET	NAVIN	RAMJIYANI	27.4174
M289	6884445	PRATIK	SANJAY	RAJVIR	27.2188
M290	394340	UMIKA	AWDESH	BHAINWAL	27



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M291	5764119	PREMKUMAR	ASHOK	JAIWAR	27
M292	4094463	SAMEER	SUJEET	MISHRA	26.938
M293	2973024	ARIHANT	MANOJ	KULKARNI	24.34
M294	2563414	KALPESH	SHIVAJI	GAIKAR	24
M295	7914412	DIPESH	SANTOSHKUMAR	JAIWAR	23.6859
M296	3063703	VISHAL	SANJAY	GUPTA	23.6406
M297	7203950	KUNAL	SHERBAHADUR	SINGH	23.6406
M298	9794242	HRITHIK	JAHENDRA	SINGH	23.6406
M299	7663751	RAHUL	SUNIL	SAROJ	23.6406
M300	1043963	JEET	PRASHANT	MANJREKAR	23.64
M301	9373383	SAKSHI	SHAMKANT	APHALE	23
M302	5224365	YOSHITA	RAJENDRA	KUMBHAR	23
M303	6653335	SUNNY	KAUSHAL	MISHRA	22.8954
M304	1464188	ATHARV	VINAY	AGHARKAR	22.89
M305	4124324	ARYAN	ANIL	PALASPAGAR	21.1516
M306	5913538	SEJAL	GYANCHAND	GUPTA	21.151
M307	513639	SUJAL	MANOJ	SENEKAR	21
M308	5003336	PRATHAMESH	KAILAS	BABAR	20.6368
M309	6923939	SRIDEV	BHOJA	NAYAK	20.6306
M310	5744044	TUSHAR	DNYANDEV	SARODE	20.63
M311	14031	KEWAL	DEEPAK	PATEL	20.4392



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M312	9153430	ATHARVA	PRAVIN	SHINDE	20.43
M313	3004406	RIDHVIK	RAJESH	THAKUR	19.0945
M314	9984080	RUTUJA	SANDEEP	PATIL	18.1708
M315	5803967	MUSKAN	BRIJESH	SINGH	17.5835
M316	9643259	VEENA	-	SHARMA	17.05
M317	9304413	URVI	GIRISH	BALEKUNDRI	16.63
M318	2513612	YASH	RAJESH	BHOSLE	15.676
M319	6903540	YASH BHOSLE	RAJESH	BHOSLE	15.67
M320	24415	YUGANT	CHANDRAKANT	BHOIR	15.4129
M321	9993128	AMMAR	AMJAD	SANDILKAR	15.21
M322	6783667	SOHAM	SANTOSH	KATVI	14.9571
M323	1743179	ANKUSH	SANJAY	JHA	14.9205

M324	7684405	RASIKA	UMESH	PIMPLE	14.9
M325	2853472	CHIRAG	BHARAT	YADAV	14.514
M326	6933525	SHIHAB	KASIM	KAROL	14.514
M327	3883068	PRATHAM	SANDIP	PAWAR	14.51
M328	4004323	VINAYSHIL	PRAKASH	NARWADE	14
M329	8513535	SAKSHAM	ARUN	GUPTA	12.704
M330	8393475	POOJA	ATUL	DOSHI	12.6436
M331	3734384	DWEEP	SACHIN	PATIL	12.3858
M332	9244163	ANIRUDH	SURAJ	VARDHMAN	12.2268



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M333	273283	KHUSHI	PANKAJKUMAR	CHHOKER	12
M334	8524411	AMIT	ANIL	WAKADE	10
M335	2333314	SWAPNIL	MOHAN	RATHOD	10
M336	5714279	ABHIJEET	SANTOSH	CHAVAN	10
M337	6823956	CHIRAG	BHAUSAHEB	SAWANT	8.61
M338	4674402	PRANAV	DINESH	PATIL	8.344
M339	5444425	SAVARI	PRASHANT	KARANGUTKAR	7.3949
M340	8973991	ROSHANI	TANAJI	SURVE	7.3949
M341	8274304	SHREYAS	SHASHIKANT	PATIL	7.39
M342	8953831	MONTU	TAGARAM	SUTHAR	7.0794
M343	1083948	URVI	YASHWANT	PADELKAR	6.558
M344	6933975	ANOUSHKA	SUNIL	BHALERAO	4.58
M345	5613952	OM	RAKESH	PANDEY	4.02
M346	1923958	ADITYA	RAJENDRA	RAORANE	3.64
M347	8663977	DIGAMBAR	DAULAT	NIMASE	3.59
M348	494189	SAHIL	NITIN	MUJUMDAR	3.5891
M349	6143444	SAHIL	SUNIL	KADAM	3.1861
M350	3503265	DRAVINKUMAR	RAJESH	SINGH	2.252
M351	7134295	HARSHAL	RAVINDRA	PATIL	1.7015
M352	7434424	NIRAJ	CHANDRAKANT	BAGDI	1.246
M353	7673399	ARYAN	ANIL	KHADE	1.2306
M354	1454260	SAHEEL	UMESH	SAWANT	0.7346



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M355	5294361	PREM	CHHATRAPATI	MANERA	0.5377
M356	7353941	ATHARVA	GOPALSWAMY	.	0.3757
M357	9673426	SUMIT	ARVIND	SOLANKI	0
M358	433486	BOTOH	BOT	BOT	0
M359	6713031	REVAK	VINAYAK	PANDKAR	0
M360	8863071	V . ANUSHA	V. VIJAY KUMAR	-	0
M361	8193064	V	.	ANUSHA	0
M362	3133355	MOHAMMED SHOAIB	MOHAMMED JAMEEL	SHAIKH	0
M363	963142	MOHIT	SANJAY	SHARMA	0

M364	3963277	KUNAL	MAHENDRA	PAWAR	0
M365	5313251	ADIYAN	SALEEM	KADRI	0
M366	683388	SIDDH	JATIN	BARBHAYA	0
M367	6453167	GANDHAR	KHUSHAL	DHONDE	0
M368	9663380	GAURI	HARSHALL	GANDHI	0
M369	8774238	KARTIKEY	AMARNATH	SINGH	0
M370	8363629	GAURI	HARSHALL	GANDHI	0
M371	2923665	RASHID	ANWAR	KHAN	0
M372	9053191	AKHIL	NARAYANANKUTTY	NAIR	0
M373	9773520	HARSHITA	VISHAL	TALWAR	0
M374	9823685	KHUSHI	SATISH	DHARGAWE	0



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M375	8864371	HARIOM	MITU	SAHU	0
M376	5303203	AARTI	AJAY	MAURYA	0
M377	8133092	ADITYA	RAKESH	SANSARE	0
M378	984353	SHAIKH	MUSHEER	SAJID	0
M379	8133034	SUMIT SINGH	PANCHAM SINGH	GUSAIN	0
M380	5063483	KAMLESH	HUKAMSINGH	PUROHIT	0
M381	8983062	MANISH	SURYABHAN	PRAJAPATI	0
M382	1024456	DEEP	BHASKAR	KOTWAL	0
M383	3033075	HARSH	SHRIPAL	JAIN	0
M384	5413467	VRITIKA	VINOD	SAKRECHA	0
M385	1903302	PRATHAMESH	SANTOSH	BORUDE	0
M386	7373391	PRATHAMESH	HARSHWARDHAN	KHARAT	0
M387	3243510	GAURAV	JITENDRA	SHAH	0
M388	3153219	AMAN	SATISH	UPADHYAY	0
M389	5263231	ADITYA	KUMAR	KUMAR	0
M390	1793080	NAMRA	MANOJ	PATEL	0
M391	2323141	ANJALI	ASHARAM	VERMA	0
M392	9783088	PRASAN	SANJAY	SHAH	0
M393	2343489	SHRUTI	-	TRİYOGI	0
M394	4933098	SANSKRUTI	NAINESH	CHAVAN	0
M395	7493104	KESHAV	RAMDHANI	YADAV	0



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M396	6863420	TARANG	HIMANSHU	AGARWAL	0
M397	5524383	PRAVESH	SURYAPRAKASH	YADAV	0
M398	4303961	ABHITI	RACHEL	KANNAPOGU	0
M399	3643010	SUJAL	ASHOK	SHARMA	0
M400	2333737	BHARGAVARAM	PRASHANTH	KRISHNAPUR	0
M401	3173091	SUZAAN	SALIM	KHAN	0
M402	1453095	ASHUTOSH	RAJESH	UPADHYAY	0
M403	1113163	PIYUSH	NARESH	MASANE	0
M404	5093026	JYOTI	ANIL	SIKDER	0
M405	433047	YADNESH	LAXMAN	AROTE	0
M406	7562998	KAVIN	UDAY	NAIK	0
M407	3693513	ZAYED	NIYAZ	ANSARI	0
M408	2653166	DAKSH	KAMLESH	JAIN	0
M409	4993003	LEHER	NILESH	TALASHILKAR	0
M410	3763298	RAJ	NARENDRA	PAHUJA	0
M411	1983936	ARYAN	GANESH	BANGERA	0
M412	3613012	ARYAN	GANESH	BANGERA	0
M413	5093114	GOURAV	NATWAR LAL	PANCHAL	0
M414	5873744	YASH	MOHAN	DESHMUKH	0
M415	5723966	SANIKA	SAMIR	YADKIKAR	0
M416	9413245	OBEDULLAH	SHAKIL	SAYYAD	0



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M417	7383212	ABHAY	RANJIT	SINGH	0
M418	1783474	SHRUTI	PRAVIN	SHARMA	0
M419	3294499	SUYASH	NILESH	KANNAUJIYA	
M420	8524411	AMIT	ANIL	WAKADE	10.55
M421	9433324	CHINMAY	ARUN	PATIL	62.83
M422	3724481	RITESH	APPASAHEB	DESAI	45.17
M423	74476	KRITHIK	DEVANAND	PATIL	95.74
M424	5524493	RIYA	ASHOK	PATEL	80.91
M425	3994488	TEENA	CHANCHAL	BISHT	53.66
M426	1853586	AMAN	CHANDRAKANT	TIWARI	54.74
M427	1212994	KULKARNI	HARSHWARDHAN	PRITI	41.55
M428	4874494	SANIKA	ATUL	SHELKE	45.17
M429	5144487	SHAHID	HUSSAIN	SHAIKH	40.76





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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 &amp; Air conditioners</p> <p>No. of departments: 07</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: 10	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 15%;">Sr.No.</th> <th style="width: 15%;">Room No.</th> <th style="width: 70%;">Average Carpet Area</th> </tr> </thead> <tbody> <tr><td>1</td><td>218A</td><td>33</td></tr> <tr><td>2</td><td>407</td><td>56.05</td></tr> <tr><td>3</td><td>217A</td><td>30.016</td></tr> <tr><td>4</td><td>217B</td><td>30.016</td></tr> <tr><td>5</td><td>214A</td><td>36.83</td></tr> <tr><td>6</td><td>214B</td><td>36</td></tr> <tr><td>7</td><td>215</td><td>56.91</td></tr> <tr><td>8</td><td>218B</td><td>30</td></tr> <tr><td>9</td><td>222</td><td>53.52</td></tr> <tr><td>10</td><td>507</td><td>59.4</td></tr> </tbody> </table>	Sr.No.	Room No.	Average Carpet Area	1	218A	33	2	407	56.05	3	217A	30.016	4	217B	30.016	5	214A	36.83	6	214B	36	7	215	56.91	8	218B	30	9	222	53.52	10	507	59.4
Sr.No.	Room No.	Average Carpet Area																																		
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9	222	53.52																																		
10	507	59.4																																		
Laboratory details		No. of laboratories in all department: <b>44</b> Department wise Laboratory details:	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 15%;">Dept.</th> <th style="width: 70%;">Mechanical</th> <th style="width: 15%;">Area (sq. m.)</th> </tr> <tr> <th>Sr. No.</th> <th>Name of lab</th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td><b>UG</b></td> <td></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	Area (sq. m.)	Sr. No.	Name of lab			<b>UG</b>		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
Dept.	Mechanical	Area (sq. m.)																																		
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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:		
	<b>Dept.</b>	<b>Civil</b>	
	<b>Room. No.</b>	<b>Name of lab</b>	<b>Area (sq. m.)</b>
		<b>UG</b>	
	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:		
	<b>Dept.</b>	<b>Computer Engineering</b>	
	<b>Room. No.</b>	<b>Name of lab</b>	<b>Area (sq. m.)</b>
		<b>UG</b>	
	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:		
	<b>Dept.</b>	<b>Information Technology</b>	
	<b>Sr. No.</b>	<b>Name of lab</b>	<b>Area (sq. m.)</b>
	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:		
	<b>Dept.</b>	<b>Electronics &amp; Telecommunication</b>	
	<b>Sr. No.</b>	<b>Name of lab</b>	<b>Area (sq. m.)</b>
	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 • 500Mbps		
Library facilities  Academic Year 2019 - 2020	Build up Area	<b>574 Sq. M</b>	
	Reading hall capacity	<b>250</b>	
	Total no. of books	<b>22351</b>	
	Titles of various current as well as syllabus-based books	<b>3212</b>	
	National journals	<b>55</b>	
	Number of computers	<b>100</b>	
	E-books titles	<b>163</b>	
	<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>		
<b>E-Resources</b>		<b>Link</b>	
McGraw hill Express Library:		<a href="http://mcgrawhilleducation.pdn.ipublishcentral.com/">http://mcgrawhilleducation.pdn.ipublishcentral.com/</a>	
PEARSON EDUCATION INDIA LTD. e-BOOKS		<a href="https://digital-library.pearson-intl.com/">https://digital-library.pearson-intl.com/</a>	



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

	Auditorium / Seminar Halls / Amphi	<ul style="list-style-type: none"> <li>Air-conditioned Auditorium hall of capacity of 568 Sq.Mt equipped with Audio Video System.</li> </ul> <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>112</td> <td>239.798</td> </tr> <tr> <td>2</td> <td>8</td> <td>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.



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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



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



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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



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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

<b>Laboratory: 1. Fluid Mechanics and Machinery Lab</b>	
<b>Sr. No.</b>	<b>Name of Instrument</b>
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 <sup>2</sup> )
16	PRESSURE GAUGE MODEL(0-3.5 KG/CM <sup>2</sup> )
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
<b>Laboratory: 2 Theory of Machines Lab</b>	



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

<b>Laboratory: 5. Thermal Engineering Lab</b>	
<b>Sr. No.</b>	<b>Name of Instrument</b>
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)

<b>Laboratory: 6. Automation and Control Lab</b>	
<b>Sr. No.</b>	<b>Name of Instrument</b>
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

<b>Laboratory: 7 Project Lab</b>	
<b>Sr. No.</b>	<b>Name of Instrument</b>
1	Work Tables

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



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**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



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



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**

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### 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

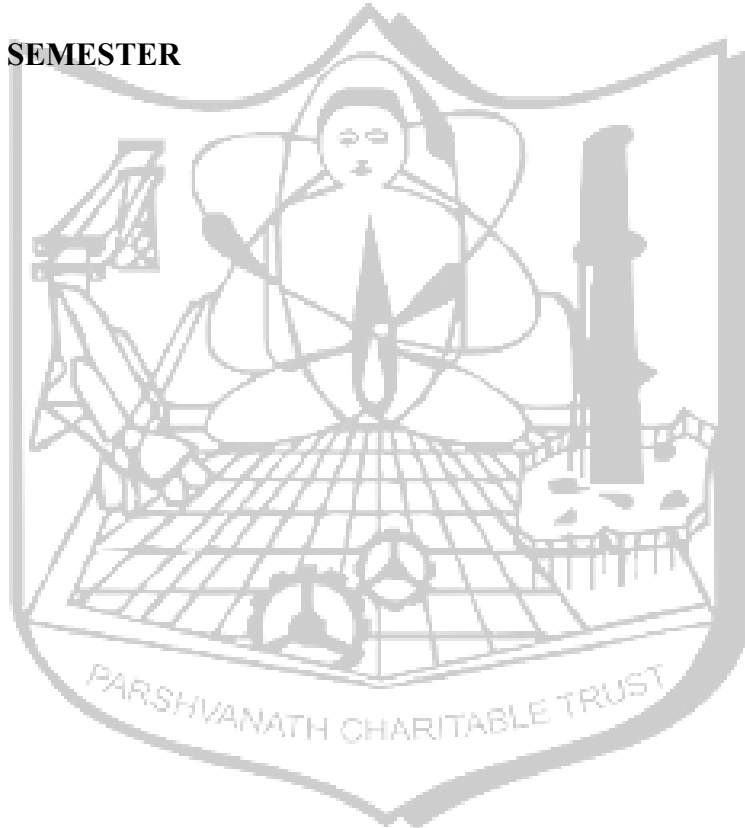
Sr. No.	Name of the Experiment
1	To find Huffman code for given probabilities for data compression.
2	To study of differential pulse code modulation technique.
3	To implement $\mu$ -law encoding.
4	To encode a given sequence by generating a 'TAG' using arithmetic coding.



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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
<b>UC-8051 based Experiments</b>		
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
<b>ARM-7 based Experiments</b>		
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



Subject: Computer Communication and Networks      Class/Sem: TE/VI  
Name of Faculty: T.T.Kolhe      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





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)



**Subject:** Database Management System Lab

**SEM/Class:** VI/TE

**Year:** 2018-19

**LAB:** 311

### LIST OF EXPERIMENTS

1	<p><b>To implement Data Definition Language.</b></p> <p>Create a Banking database as,</p> <ul style="list-style-type: none"><li>• Branch (<u>branch_name</u> varchar, <u>branch_city</u> varchar, <u>assets</u> bigint)</li><li>• Customer (<u>Customer_name</u> varchar, <u>customer_city</u> varchar, <u>DOB</u> date, <u>account_no</u> int)</li><li>• Loan (<u>loan_number</u> int, <u>branch_name</u> varchar, <u>amount</u> int)</li><li>• Borrower (<u>customer_name</u> varchar, <u>loan_number</u> int)</li><li>• Account (<u>account_no</u> int, <u>branch_name</u> varchar, <u>balance</u> int, <u>type</u> varchar)</li><li>• Depositor (<u>customer_name</u> varchar, <u>account_number</u> int)</li></ul>																																																	
2	<p><b>To implement Data Manipulation Language.</b></p> <p>Create given relational table in mysql.</p> <p>As (ClientNo varchar, Name varchar, City varchar, Pincode int, State varchar, BalDue int, Amount varchar).</p> <table border="1"><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> <ol style="list-style-type: none"><li>1. Listing of the names of all clients having 'a' as the second letter in their names.</li><li>2. Listing of the clients who stay in a city whose first letter is 'M'.</li><li>3. List all clients who stay in 'Bangalore' or 'Mangalore'.</li></ol>	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																																												
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																																												



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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>



4	<p>Introduction to Primary key, Foreign key and various integrity constraints. Performing insertion, updation and deletion with Referential integrity constraints.</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p style="font-size: small; margin-top: 10px;"><b>Figure 3.7</b> Referential integrity constraints displayed on the COMPANY relational database schema.</p> </div>
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"> <li>1. Retrieve the name and address of all employees who work for the 'Research' department.</li> <li>2. For each employee, retrieve the employee's first and last name and the first and last name of his or her immediate supervisor.</li> <li>3. Retrieve the salary of every employee and all distinct salary values</li> <li>4. Show the resulting salaries if every employee working on the 'ProductX' project is given a 10 percent raise.</li> <li>5. Find all employees who were born during the 1950s.</li> <li>6. Retrieve all employees in department 5 whose salary is between \$30,000 and \$40,000.</li> <li>7. Retrieve the Social Security numbers of all employees who work on project numbers 1.</li> <li>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.</li> <li>9. Retrieve the total number of employees in the company</li> <li>10. Retrieve the total number of employees in the 'Research' department</li> <li>11. Count the number of employees in each department.</li> <li>12. For each project, retrieve the project number, the project name, and the number of employees who work on that project.</li> </ol>
6	<p>To implement join operation.</p> <p style="padding-left: 20px;">Perform various join operations on given tables.</p> <ol style="list-style-type: none"> <li>1. Natural join.</li> <li>2. Outer join</li> </ol>



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7	<p>To implement views and perform operations on views.</p> <p><b>Employee</b></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"> <li>1. create a view as Emp_computer for faculties belong to computer department with column eid, ename and department.</li> <li>2. Display the salary of employees in descending order in view.</li> <li>3. Modify salary of Amar Patil in view as 34000.</li> <li>4. Find Maximum, Minimum salary avg salary of employee of view.</li> <li>5. Delete the record of Jyoti Singh from employee.</li> <li>6. Insert the value into the view.</li> <li>7. Display the employees of computer department having salary greater than 35000.</li> </ol>	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
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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)          Justify concept of data control using grant, revoke commands.</p> <ol style="list-style-type: none"> <li>1) create a user 'newuser1' with password 'new123'. Allow the user to access only Student table from StudentDB database.</li> <li>2) Create a user 'newuser2' with password 'new234'. Allow the user to access any database.</li> <li>3) Give the privileges to newly created user.</li> <li>4) Revert all privileges from newuser2.</li> </ol>																																								
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





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

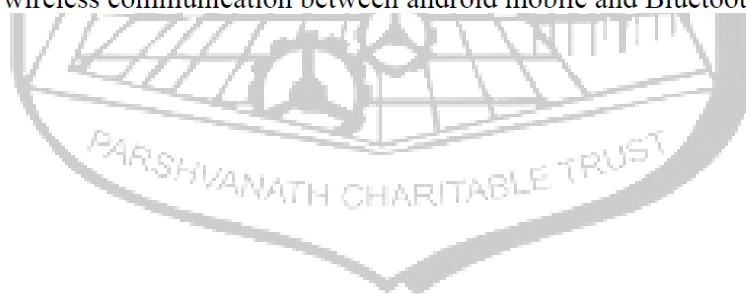
Class: BE EXTC

SEM: VII

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### 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.





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Lab Plan of Neural Networks and Fuzzy Logic

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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**



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)



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	<b>Preprocessing: Tokenization</b>	<ul style="list-style-type: none"> <li>- Tokenization using string methods</li> <li>- Tokenization using nltk (word and sentence tokenization)</li> <li>- Display the top 20 most frequent tokens / words</li> </ul>
2	<b>Preprocessing: Filtering, Stopword Removal</b>	<ul style="list-style-type: none"> <li>- Filter unwanted characters</li> <li>- Display list stopwords in a corpus</li> <li>- Stopword removal</li> </ul>
3.	<b>Preprocessing: Stemming Lemmatization</b>	<ul style="list-style-type: none"> <li>- Porter Stemmer</li> <li>- Lancaster Stemmer</li> <li>- Lemmatization</li> </ul>
4.	<b>POS tagging ngrams</b>	<ul style="list-style-type: none"> <li>- POS tagging using nltk</li> <li>- Lemmatization using POS tags</li> <li>- Display ngrams of an input text</li> </ul>
5.	<b>Text Similarity</b>	<ul style="list-style-type: none"> <li>- Hamming distance</li> <li>- Levenshtein distance</li> <li>- Cosine distance</li> </ul>
6.	<b>Chunking Named entity Detection</b>	<ul style="list-style-type: none"> <li>- Chunking. Display of chunk tree</li> <li>- Named entity recognition</li> <li>- Tf-idf evaluation</li> </ul>
7.	<b>Word2Vector WSD</b>	<ul style="list-style-type: none"> <li>- Using word2Vector to generate word vectors</li> <li>- Word Sense Disambiguation</li> </ul>
8.	<b>WordNet</b>	<ul style="list-style-type: none"> <li>- Wordnet for synonyms, antonyms, etc</li> </ul>
9.	<b>Text classification</b>	<ul style="list-style-type: none"> <li>- Classification of text / document using Bayes classifier</li> <li>- Working with other classifiers (regression, SVM, RF, NN)</li> </ul>



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10.	<b>Applications</b>	- 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**

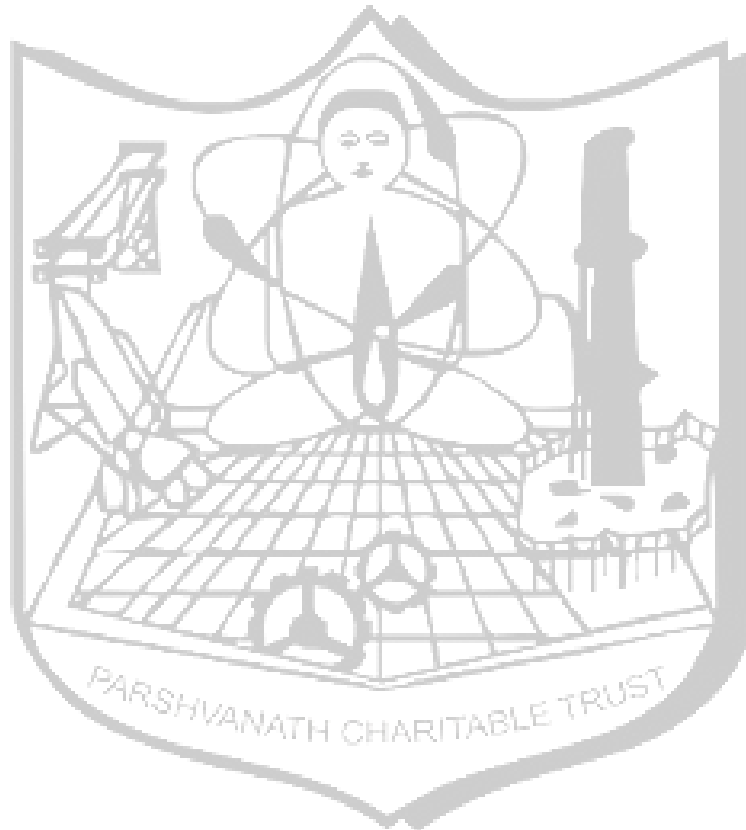
### List of Experiments

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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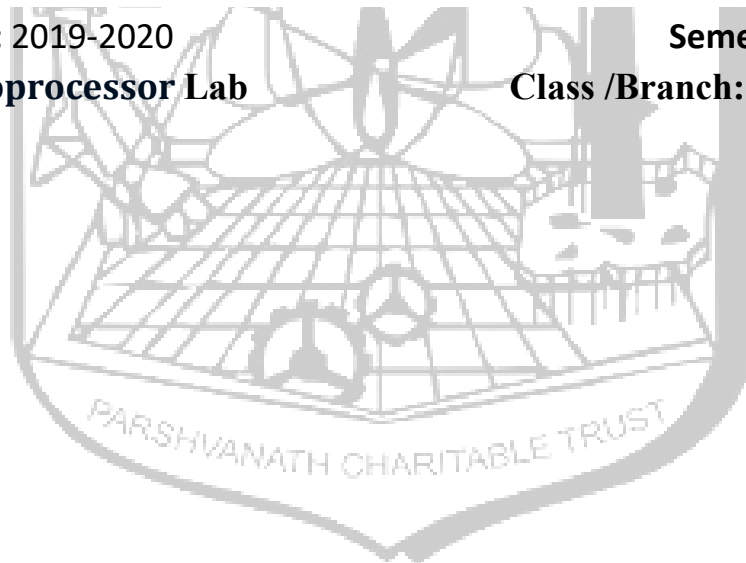
1. To Install Cisco packet tracer and Prepare a network requirement document for allotted Mini Project topic.
2. To Design and configure DHCP server using Cisco packet tracer.
3. To Design and configure simulation for NAT server.
4. To Design and configure simulation for Sub-netting of network and static 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:



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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 motes from different mote 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 Defination 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 implememnt 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**





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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**

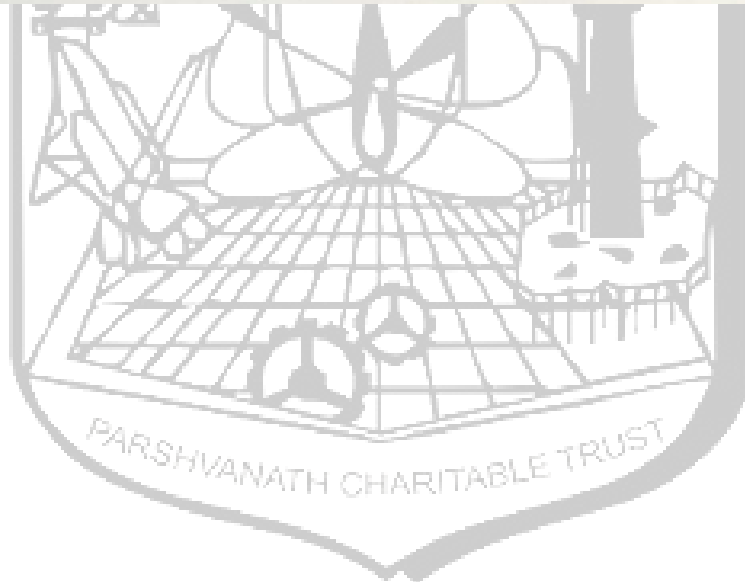
### List of Experiments





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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

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



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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 6<sup>th</sup> 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.
4. First round of presentation of the proposed project topic by the students.



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



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