

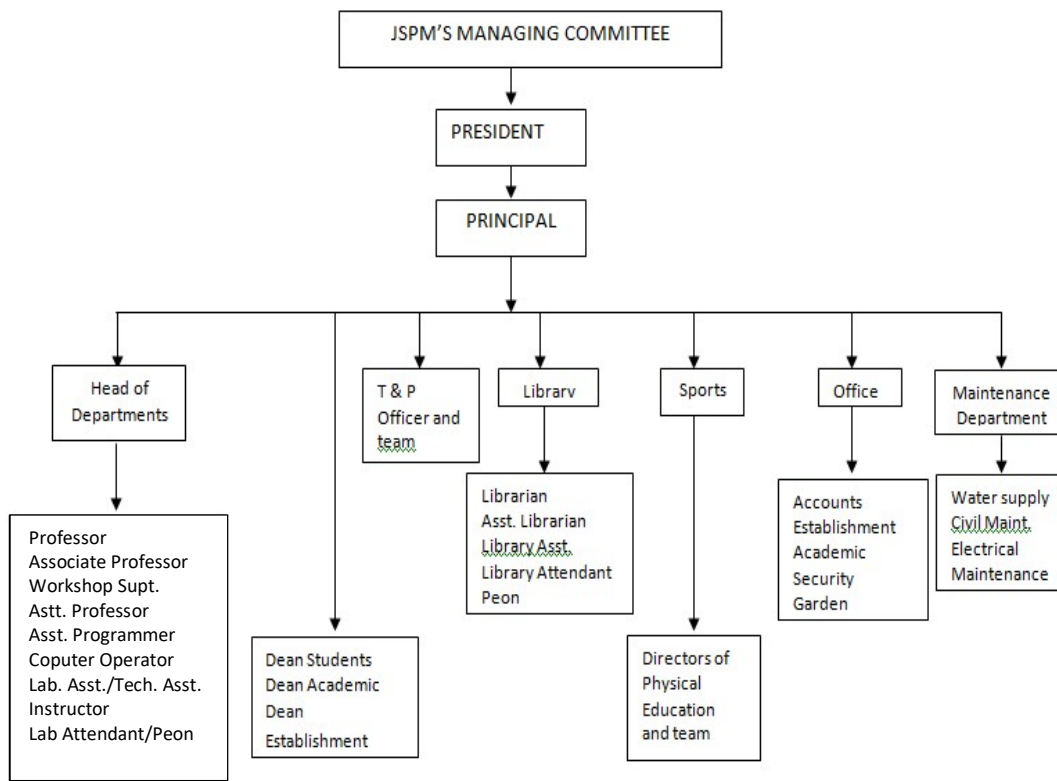
Mandatory Disclosure 2024-2025

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1.	Name of the Institution including address	Babasaheb Naik College of Engineering,
	Address	Kakaddati, Pusad- 445215 Dist. Yavatmal
	Telephone No. / Fax	07233 – 245229 (O) 07233 – 246316 (Fax)
	Mobile No.	9764996777
	Email Id	principal@bncoepusad.ac.in principalbnce@gmail.com
2.	Name and address of the Trust / Society And the trustees	Janata Shikshan Prasarak Mandal Naik Banglow, Gandhi Nagar, Pusad -445204 Dist. Yavatmal (MS)
	Telephone No. / Fax	07233 – 245052 (O)
	Mobile No.	
	Email Id	jspm1960@gmail.com
3.	Name & Address of Principal	Dr. Avinash M Wankhade
	Address	Babasaheb Naik College of Engineering Kakaddati, Pusad -445215
	Mobile No	9923266688
4.	Name of Affiliating University	Sant Gadge Baba Amravati University.
	Address	Near Tapovan, Amravati- 444601

5. Governance

i. Organizational Chart:



ii. Grievance Redressal mechanism for Faculty,staff and students:

1. Grievance Redressal committee for staff of the institute has been established according to guidelines given by AICTE.
2. In order to provide opportunities for redressal of grievances of students and as per AICTE directives, student Grievance Redressal Committee is constituted.
3. In order to provide opportunities for redressal of grievances of students belonging to SC/ST community and girl students as per AICTE directives, student Grievance Redressal Committee is constituted.
4. **For grievance, the application should be submitted in the prescribed format.** The format for students grievance is available at website.

iii. Establishment of Anti-Ragging Committee :

With reference to the AICTE notification no. F. No. 37-3/Legal/AICTE/2009 dated 01 July 2009, under Section 6(a) and 6(b) as well as UGC regulation of 2009, on curbing the menace of ragging in the higher educational institutions, the following Anti-Ragging Committee (ARC) is constituted, valid till 31st March, 2025.

Anti-Ragging Committee 2024-25

Ref.No. Admn/Anti-Ragg/ 80/24 Dt. 25/01/2024

Sr.No	Post	Name	Address	Contact No.	E-Mail id
1	Chairman	Dr.Avinash Wankhade	Principal	9923266688	amwankhade@gmail.com
2	Civil Administration	Shri.Mahadeo Jorwar	Tahsildar,Pusad	8605884233	tahsildar.pusad@gmail.com
3	Police Administration	Shri.Pravin Nachankar	Police Inspector, Vasantnagar,Pusad	9158995249	
4	Local Media	Prof.Dinkar Gulhane	Dainik Sakal, Motinagar,Pusad	9822767489	dinkargulhane@rediffmail.com
5	NGO (Youth Activities)	Shri.Swapnil Chintamani	Secretary,Rotary Club	9028299268	ssachintamani@gmail.com
6	Faculty Representative	Prof.P.B.Pawar	Rector	9588640784	pankajpawar22@rediffmail.com
		Prof.A.S.Gadewar	Shradha Nagar, Pusad	9823202442	
		Prof.G.K.Gattani	Engg.College Campus	9422157493	gk_gattani@rediffmail.com
		Prof.Ms. S.R.Gawande	Girls Hostel	7387538077	shivanigawande77@gmail.com
7	Parent Representative	Shri.Vilas V. Dahale	Kala Maroti,Pusad	9423435550	vilasvdahale@gmail.com
		Shri.Vishweshwar Deshmukh	Bagade layout, Pusad	9146526000	Vishweshwar001deshmukh@gmail.com
		Dr.Dipak Bhalekar	Banjara colony Pusad	8080063184	dkbhalekar@gmail.com
		Dr. Salim Amdani	Majit ward, Pusad	9764996786	drsalimamdani@gmail.com
		Shri.Manohar Jangid	Shrirampur,Pusad	9423131659	krishnajangid1984@gmail.com
8	Fresher Students				
		(Will Nominate after admission process 24-25)			
9	Senior Student	Mr. Vishal Innani	4C,Asegaonkar Layout,Pusad	7972158725	innanivishal@gmail.com
		Mr. Om Rahudkar	4R,Boys Hostel	8857800548	omrahudkar@gmail.com
		Ms. Ayushi Pratapwar	4AI,Paldiwai layout, Pusad	9325267061	ayushipratapwar@gmail.com
		Mr. Krishna Jangid	4C,Shrirampur,Pusad	9689429029	krishnajangid2322002@gmail.com
		Ms. Payal Shirbhate	3R, Girls Hostel	7773953149	kavitashirbhate2@gmail.com
		Ms.Sanika G Marshettiwar	4R, Girls Hostel	8767871020	sanikagm2003@gmail.com
		Ms.Gauri Jaiswal	3R, Girls Hostel	8888139188	Jaiswaigauri194@gmail.com
		Mr.Aditya Rathod	3R, Boys Hostel	7020753489	Aadigaming91@gmail.com
		Mr.Shailesh Mahakal	3C, Boys Hostel	9373793991	Shaileshmahakal1601@gmail.com
		Mr.Shantanu Banaskar	3C,Bapuward,Pusad	9604942433	banaskarshantanu@gmail.com
10	Supporting Staff	Mr. A.A. Khan	Sahara Park -1, Pusad	9822221803	humara_akthar@rediffmail.com
		Mr. N.G.Pawar	Govind Nagar	9850553094	
		Ms.Savita Bonde	Green Park -I	9405907458	itsme_savitabonde@rediffmail.com

iv. Establishment of On line Grievance Redressal Mechanism : (SGRC Committee)

(As per AICTE Notification No. F.No.1-101/ AICTE/PGRC/Regulation/2019, dated 31-3-2023.)

Sr.No.	Name of Committee Member	Position	Designation	Address
01	Dr. Avinash Wankhade	Chairperson	Principal	Babasaheb Naik College of Engineering, Pusad
02	Prof. J.G. Ingale	Member	Head of Department	
03	Dr. S. S. Bhagwat	Member	T & P Officer	
04	Prof. P.D.Dudhat	Member	Faculty	
05	Dr. Ms. P.B.Niranjane	Member	Faculty	
06	Ms. Sanika Girish Marshettiwar	Member (3R)	Student Representative	

v. Details of Grievance Redressal Committee in the Institution and OMBUDSMAN by the University:

(As per AICTE Notification No.F.No.1-103/ AICTE/PGRC/Regulation/2021, dated 22-3-2021(Clause 4).

Sr.No.	Name of Committee Member	Position	Designation	Address
01	Dr. Avinash Wankhade	Chairperson	Principal	Babasaheb Naik College of Engineering, Pusad
02	Dr. Prashant Ganwande	Member	Professor,	University Deptt. Of Botany, SGBAU, Amravati, Affiliating University
03	Dr. P.B.Shingwekar	Member	Associate Professor	University Deptt. Of Chemical Technology, SGBAU, Amravati, Affiliating University
04	Dr. Suresh S. Asole	Member	Associate Professor	HOD, Computer science & Engg. Deptt., Babasaheb Naik College of Engineering, Pusad

vi. Establishment of Internal Committee (IC) :

As per Sant Gadge Baba Amravati University letter No.SGBAU-7-D/09/297/2019,dated 14-05-2019 & UGC guide lines dated 2nd July,2018, the following ICcommittee is constituted for Prevention, Prohibition and Redressal of Sexual Harassment of Women Employees and Students in the institute.

The new Internal Complaint Committee of Institute would be as follows, the period of the committee will be till 31st March 2025 or till next revision whichever is earlier.

Sr. No.	Name	Designation
01	Prof. Ms. P. B. Niranjane	Chairman
02	Prof S G Labshetwar	Member
03	Ms. Savita V. Bonde	Member
04	Mr. S. P. Pathe	Member
05	Dr.Sau. Sunita Pradip Halde	Member (NGO)
06	Adv. Sau. Anusaya G Deshmukh	Member(Legal Advisor)
07	Ms. Gargi Prashant Naik (2R)	Members –Student Representative
08	Ms. Ashwini Pandhari Kharbal (2M)	Members –Student Representative
09	Mr. Shivraj Choudhari (2R)	Members –Student Representative

vii. Establishment of Committee for SC/ST:

To Prevent the Commission of Atrocities against the members of SC / ST as per the Act 1989, dated 11-09-1989.

Sr.No.	Name of Committee Member	Position
01	Prof. S. T Khandare	Chairman
02	Prof. J. G. Ingle	Member
03	Prof. Ms. P. B. Niranjane	Member
04	Prof. K M Punwatkar	Member
05	Ms. Savita V. Bonde	Member

viii. Establishment of Internal Quality Assurance Cell

With reference to the guidelines of National Assessment and Accreditation Council (NAAC), on pursuance of its action plan for performance evaluation, assessment, and accreditation as well as quality up-gradation of the institutions of higher education, an Internal Quality Assurance Cell has been constituted as follows, valid till 31st May 2025.

The composition of Internal Quality Assurance Cell (IQAC) of the institute is constituted (as per Mah. University Act.2016) as below.

SN	Name	Designation	Composition
1	Dr. Avinash Wankhade	Principal	Chairperson
2	Shri Suresh M. Jadhav	Member	JSPM, Management
3	Dr. Vasif Ahmed	Dean R & D	Sr. Administrative Officers
4	Prof. Zeeshan A. Ahmed	Head Civil Engg.	
5	Dr. A. N. Gaikwad	AICTE/NBA Cell	
6	Dr. S. S. Bhagwat	T & P Cell	
7	Dr. S. S. Asole	Head, CSE	Teachers
8	Prof. J. G. Ingle	Head, Mech. Engg	
9	Prof. R. P. Godbole	Head, Humanity Sc.	
10	Dr. S.R.Jadhao	Prof. I/c., Library	
12	Dr. N. A. Charniya	Faculty	
13	Prof. Ms. P. B. Niranjane	Prof. I/c, Woman Grievance Cell	
14	Prof. K. M. Punwatkar	Faculty	
15	Dr. Shailesh Navthale	Member	Society
16	Prof. S. A. Chintamani	Member	Alumni
17	Shri Vishweshwar Deshmukh	Member	Stakeholder
18	Mr. Kiran Chilatre	Member	Industry
19	Mr. Avinash Munde	Member	Industry
20	Prof. S.T.Khandare	Member	Coordinator, IQAC

ix. Equal Opportunity facilities Cell:

The following committee is constituted for the facilitation of equal opportunity to address the issues of the Faculty/Staff and students of the institute for the academic year 2024-2025.

Sr.No.	Name of Committee Member	Position
01	Dr. Avinash M. Wankhade	Chairman
02	Prof. J. G. Ingle	Member
03	Prof. R.P.Godbole	Member
04	Dr. S.S.Asole	Member
05	Dr. R.J.Bhiwani	Member
06	Dr. A.N.Gaikwad	Member
07	Dr. Ms. P. B. Niranjane	Member
08	Ms. Savita V. Bonde	Member

6. Programmes :- Engineering & Technology (UG & PG)

i. Name of Programmes(Courses) approved by AICTE

Sr.No.	Course	UG/ PG	Intake Capacity
01	Civil Engineering	UG	60
02	Mechanical Engineering	UG	60
03	Computer Sc. & Engineering	UG	180
04	Electrical (Electronics & Power) Engineering	UG	60
05	Artificial Intelligence & Data Science	UG	60
06	Structural Engineering (Civil Engg.)	PG	09
07	CAD/ CAM (Mechanical Engg)	PG	09
08	Digital Electronics	PG	09
09	Computer Sc. & Engineering	PG	09

ii. Name of Programmes accredited by NBA : NIL

iii. Status of Accreditation of the Courses :NAAC

Sr. No.	Total No. Courses	No. of Courses for which applied for Accreditation	Status of Accreditation
01	09	09	NAAC Accredited with 'B' Grade up to 27 th March,2024

iv. Total number of Courses: 09

v. For each Program the following details are to be given:

• Name – Engineering and Technology – 09 Courses

	2023-24	2022-23	2021-22
Name of Course	Civil Engineering (UG)		
No. of seats	60		
Duration	4 Years		
Cut-off Marks	13.50 Percentile	10.4981278 Percentile	1.2305
Name of Course	Mechanical Engineering (UG)		
No. of seats	60		
Duration	4 Years		
Cut-off Marks	5.0 Percentile	25.0367211 Percentile	NA

Name of Course	Computer Sc. & Engineering (UG)		
No. of seats	120 wef 2022-23		
Duration	4 Years		
Cut-off Marks	7.92 Percentile	58.8006082 Percentile	1.65

Name of Course	Electrical (Electronics & Power) (UG)		
No. of seats	30		
Duration	4 Years		
Cut-off Marks	28.92 Percentile	35.9780390 Percentile	30.11

Name of Course	Artificial Intelligence & Data Science (UG)		
No. of seats	60		
Duration	4 Years		
Cut-off Marks	24.54 percentile	54.1664697 percentile	1.96

Name of Course	Structural Engineering (PG)		
No. of seats	09 wef 2022-23		
Duration	2 Years		

Name of Course	CAD /CAM Mechanical Engg. (PG)		
No. of seats	09		
Duration	2 Years		

Name of Course	Digital Electronics (PG)		
No. of seats	09		
Duration	2 Years		

Name of Course	Computer Sc.& Engg. (PG)		
No. of seats	09		
Duration	2 Years		

vi. Fee (as approved by the state government):

Name of Course	2023-2024	2022-2023	2022-2021
All UG Courses	82000/-	96000/-	96000/-
All PG Courses	66000/-	98000/-	98000/-

vii. **Name and duration of programme(s) having Twinning and collaboration with Foreign University(s) and being run in the same campus along with the status of their AICTE approval :NIL**

viii. **Nature of Collaboration : NIL**

7. Faculty:

- Course/Branch wise list of Faculty members: Reffer the Table below
- Permanent Faculty: Reffer the Table below
- Adjunct Faculty: Reffer the Table below

List of Faculty UG/PG for the Session 2024-25

Course :- B. E. Mechanical Engg..(U.G. and PG) 2024-25

Sr. No.	Name of Faculty	Designation (Present)	Qualification	Course	Remark
01	Dr.A.M.Wankhade	Principal	Ph. D.	UG/PG	
02	Dr. H. B. Nanvala	Associate Professor	Ph. D.	UG	
03	Prof. M.S.Khan	Associate Professor	M. E.	UG	
04	Prof. G. K. Gattani	Associate Professor	M. E.	UG	
05	Prof. M.A.Ali	Associate Professor	B. E.	UG	
06	Prof. J.G.Ingle	Associate Professor	M. E.	UG	
07	Dr. S. S. Bhagwat	Associate Professor	Ph.D.	UG	
08	Prof. R.P.Godbole	Associate Professor	M. Sc., M. Phil	First Yr.& Other	
09	Prof. S.G.Labshetwar	Associate Professor	M. E.	First Yr.& Other	
10	Mr.A.P.Punde	Asstt. Professor (Ad-hoc)	M. E.	First Yr.& Other	
11	Mr. Firozakthar Mirza	Asstt. Professor (Ad-hoc)	M. E.	UG	
12	Mr. S.A.Chintamani	Asstt. Professor (Ad-hoc)	M. E.	UG	
13	Mr. P.M.Deshmukh	Asstt. Professor (Ad-hoc)	M. E.	UG	
14	Prof. S. J. Rajpal	Associate Professor	M. Tech.	PG	
15	Mr.A.B.Dighewar	Asstt. Professor (Ad-hoc)	M. E.	PG	

Course :- B. E. Civil Engg..(U.G. and PG) 2024-25

Sr. No	Name of Faculty	Designation	Qualification	Course	Remark
01	Prof. S.S.Zambani	Associate Professor	M. E.	UG	
02	Mr.Zeeshan Adib Ahmed	Asstt. Professor (Ad-hoc)	ME. Ph.D.Pursuing	First Yr.& Other	
03	Ms.Shivani R.Gawande	Asstt. Professor (Ad-hoc)	M. E.	UG	
04	Mr.Pranav V. Chavan	Asstt. Professor (Ad-hoc)	M E	UG	
05	Mr.Saiyed Awesh Bashir	Asstt. Professor (Ad-hoc)	M E.	UG	
06	Mr.Kunal D.Manwar	Asstt. Professor (Ad-hoc)	M.E.	UG	
07	Ms.Dipali D.Patttebahadur	Asstt. Professor(Ad-hoc)	M.Tech.	UG	
08	Mrs.Dhanashri S.Chavhan (Aswale)	Asstt. Professor (Ad-hoc)	M.E.	UG	
09	Mr.Vivek V. Burshe	Asstt. Professor (Ad-hoc)	M.E.	UG	
10	Ms.Pornima P.Naik	Asstt. Professor (Ad-hoc)	M.E.	UG	
11	Ms.Shweta C.Bhagwatkar	Asstt. Professor (Ad-hoc)	M. Tech	UG	
12	Mr.Nitin R. Shukla	Asstt. Professor(Ad-hoc)	M.E.	UG	
13	Mohd.Farooque Agwan	Asstt. Professor (Ad-hoc)	M.E.	UG	
14	Mr.Mohd.Ashfaq Bhura	Asstt. Professor (Ad-hoc)	M.E.	UG	
15	Mr.Manish G.Thakare	Asstt. Professor (Ad-hoc)	M.Sc.	First Yr.& Other	
16	Ms.Aarti S.Gawali	Asstt. Professor (Ad-hoc)	M.Sc.	First Yr.& Other	
17	Prof. A.C. Saoji	Associate Professor	M. E.	PG	
18	Mr. Sachin U. Rathod	Asstt. Professor (Ad-hoc)	M. E.	PG	
19	Mr.Anil S.Gadewar	Asstt. Professor (Ad-hoc)	M E	PG	

Course :- B. E. Electronics & Tele Engg.. (PG) 2024-25

Sr. No	Name of Faculty	Designation	Qualification	Course	Remark
01	Dr. N.A.Charaniya	Associate Professor	Ph. D.	PG	
02	Prof . K.M.Punwatkar	Associate Professor	M. E.	PG	

Course :- B. E. Electrical Electronics & Power Engg..(U.G.) 2024-25

Sr. No	Name of Faculty	Designation	Qualification	Course	Remark
01	Dr. R. J. Bhiwani	Associate Professor	Ph. D.	UG	
02	Prof. S.M.Agrawal	Associate Professor	M. E.	UG	
03	Prof. S.S.Patil	Associate Professor	M. Tech.	UG	
04	Prof.. P. D. Dudhat	Asstt. Professor	M. E.	UG	
05	Mr.Sunil V.Mukhare	Asstt. Professor (Ad-hoc)	M.E.	First Year & Other	
06	Ms. Pranita V. Rathod	Asstt. Professor (Ad-hoc)	M. Tech.	First Year & Other	
07	Mrs.Vinavati M.Pandey	Asstt. Professor (Ad-hoc)	M.E.	UG	
08	Mr.Pankaj R. Gawande	Asstt. Professor (Ad-hoc)	M.SC.	First Year & Other	

Course :- B. E. Computer Sc. & Engg.. (U.G. and PG) 2024-25

Sr. No	Name of Faculty	Designation	Qualification	Course	Remark
01	Dr. S. S. Asole	Associate Professor	Ph.D.	UG	
02	Prof. S. T. Khandare	Associate Professor	M. E.	UG	
03	Prof. P. H. Pawar	Asstt. Professor	M. E.	UG	
04	Dr. Ms. P.B.Niranjane	Asstt. Professor	Ph.D.	UG	
05	Dr.Satish R. Jadhao	Asstt. Professor (Ad-hoc)	Ph.D.	UG	
06	Dr..A.S.Dudhe	Asstt. Professor (Ad-hoc)	Ph.D.	UG	
07	Mr. P. B. Pawar	Asstt. Professor (Ad-hoc)	M. E.	UG	
08	Mr.Sachin D.Chavhan	Asstt. Professor (Ad-hoc)	M.E.	UG	
09	Ms.Ashwini S. Hanwate	Asstt. Professor (Ad-hoc)	M.E.	UG	
10	Dr.Prashant A.Bhalge	Asstt. Professor (Ad-hoc)	Ph.D.	UG	
11	Mr.D.G.Thakare	Asstt. Professor (Ad-hoc)	M.E.	UG	
12	Ms.Bhuvaneshwari V.Wankhade	Asstt. Professor (Ad-hoc)	M.Sc.	First Yr.& Other	
13	Mr.Shankar S. Choudhari	Asstt. Professor (Ad-hoc)	M.Sc.	First Yr.& Other	
14	Ms.Trupti Ravi Chaware	Asstt. Professor (Ad-hoc)	M.Sc.	First Yr.& Other	
15	Mr.Kailas R.Borgade	Asstt. Professor (Ad-hoc)	M.Sc.	First Yr.& Other	

Sr. No	Name of Faculty	Designation	Qualification	Course	Remark
16	Ms.Priyanka P.Dhande	Asstt. Professor (Ad-hoc)	M.Sc.	First Yr.& Other	
17	Mr. Shivraj P.Wakode	Asstt. Professor (Ad-hoc)	M.Sc.	First Yr.& Other	
18	Ms.Surekha R. Jadhao (Chavhan)	Asstt. Professor (Ad-hoc)	M.E.	UG	
19	Ms.Sapna D. Dongare	Asstt. Professor (Ad-hoc)	M.E.	UG	
20	Mr. Faisal Amdani	Asstt. Professor (Ad-hoc)	M.E.	UG	
21	Mr.Sudharshan D.Khillare	Asstt. Professor (Ad-hoc)	M.Sc,	First Yr.& Other	
22	Mr.Sachinkurmar S. Pipparwar	Asstt. Professor (Ad-hoc)	M.Sc.	First Yr.& Other	
23	Ms.Manisha N.Rathod	Asstt. Professor (Ad-hoc)	M.Sc.	First Yr.& Other	
24	Dr. S. Y. Amdani	Associate Professor	Ph.D.	PG	
25	Mr. S. Y. Gawali	Asstt. Professor (Ad-hoc)	M. E.	PG	


Course :- B. E. Artificial Intelligence and Data Science . (U.G.) 2024-25


Sr. No	Name of Faculty	Designation	Qualification	Course	Remark
01	Dr. A.N.Gaikwad	Associate Professor	Ph. D.	UG	
02	Dr. Vasif Ahmed	Associate Professor	Ph. D.	UG	
03	Prof. K.S.Dongare	Associate Professor	M. E.	UG	
04	Prof. V. V.Dahale	Asstt. Professor	M.E.	First Yr.& Other	
05	Ms.Bhavana A. Bhavsar (Sawane)	Asstt. Professor (Ad-hoc)	M.E.	UG	
06	Ms.Shital S.Chavhan	Asstt. Professor (Ad-hoc)	M.E.	First Yr. & Other	
07	Mr. Amit D. Chavhan	Asstt. Professor (Ad-hoc)	M. E.	First Yr.& Other	
08	Mr.Shrikant B.Chavhan	Asstt. Professor (Ad-hoc)	M.E.	UG	
09	Mr. Narendra U. Chipde	Asstt. Professor(Ad-hoc)	M. E.	UG	
10	Mr.Nilesh A.Chintamani	Asstt. Professor (Ad-hoc)	M.E.	UG	
11	Mrs.Sangita R.Rathod	Asstt. Professor (Ad-hoc)	M. E. Ph.D. (Pursuing)	UG	
12	Ms.Chaitali V.Deshmukh	Asstt. Professor (Ad-hoc)	M.E.	UG	
13	Ms.Rachana A. Agrawal	Asstt. Professor (Ad-hoc)	M.E.	UG	


v. Permanent Faculty : Student Ratio:- 1:20


8. Faculty Profile


Profile of Dr. Avinash Wankhade, Principal


Name	Dr. Avinash M. Wankhade		
Date of Birth	11 th January, 1966		
AICTE Unique ID	1-442020394		
Educational Qualification (With class / grade)	UG	B.E. (Mechanical) Ist Class	
	PG	M.E. (Tribology & Maintenance Engg), 2 nd Merit	
	Ph.D.	Mechanical	
Work Experience (In Years)	Teaching	30 Years	
	Industry	02 Years	
	Research	Nil	
	Others	Nil	
Area of Specialization	Design, Tribology		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Machine Design, IC Engine		
Research guidance Number of Students)	No. of papers published in Journals	National	Nil
		International	Nil
		Conferences	Nil
	Master (Completed)		03
	Ph. D. (Completed)		
Project Carried out			
Patents (Filed & Granted)	Nil		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	Nil
		International	10
		Conferences	09
No. of Books published with details	Name of book: Innovations in Thermal Energy Sources(Advancing Mechanical Engineering Solutions) Publisher with ISBN: Iterative International Publishers, ISBN:978-93-5747-201-2 Year of Publication etc. 2023		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		


NAME	HAMESH BABU NANVALA	
Date of birth	19/06/1966	
AICTE Unique ID	I-459957171	
Educational Qualifications	UG- B.Tech [Mechanical] First class- 67%	
	PG- M.E [manufacturing Technology] First class with Honours- 8.54CGPA	
	Ph.D- Mechanical Engineering	
		
Work Experience	Teaching: 33Years	
	Industry: 03 Years	
	Research: 15 Years	
	Others: Outreach activities: 15 years	
Area of specialization	Manufacturing Technology	
	Scheduling of Flexible Manufacturing Systems	
	Solar energy	
Courses taught	UG - Manufacturing Processes / Manufacturing technology - Operations research , Industrial management and costing - Workshop practice, Project and Seminar	
	PG - -Flexible Manufacturing systems, Seminar and Dissertation	
Research Guidance	Masters : Completed-04 Ongoing -01	
	Ph.D. : Completed -Nil Ongoing-02	
Projects Carried out	Under MODROB scheme 2012-13, Grant in Aid received: 19,00,000/- File No.12/AICTE/RIF/MOD(POLICY-4)PVT-9/2012-13 Dt. 11/06/2013	
Patents	Filed- nil Granted: 01 (Copyright)	
Technology Transfer	Nil	
Research Publications	Number of publications in Journals	National-01
		International-12
	Number of publications in Conferences	National-03
		International-04
No. of Books published	<ol style="list-style-type: none"> Heat Transfer Analysis of Compound fins- Lambert Academic Publishing-ISBN-978-613-9-91039-7 Bench work and Fitting- Amazon KDP Publishing-ISBN-13:97986495-27200 	
Professional Memberships	<ol style="list-style-type: none"> Life Member (LM 20944),ISTE, New Delhi Member (LAM 9480), Indian Institution for Industrial Engineering (IIIE), Mumbai 	


Name	Mr. Mazhar S. Khan		
Date of Birth	12/07/1966		
AICTE Unique ID	1-442020398		
Educational Qualification (With class / grade)	UG	B.E.(Mechanical Engg.) First Class	
	PG	M.E. (Thermal Engg.) First Class	
	Ph.D.	NIL	
Work Experience (In Years)	Teaching	35 years	
	Industry	NIL	
	Research	NIL	
	Others	NIL	
Area of Specialization	Heat transfer, Fluid Power& Thermal engineering.		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Heat transfer, Fluid Power, Energy conversion.		
Research guidance Number of Students)	No. of papers published in Journals	National	Nil
		International	Nil
		Conferences	Nil
	Master (Completed / Ongoing)	01	
	Ph. D. (Completed / Ongoing)	Nil	
Project Carried out	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer	Nil		
Research Publications	No. of papers published in Journals	National	Nil
		International	Nil
		Conferences	01
No. of Books published with details	NIL		
Professional Membership	ISTE / SESI		


Name	Mr. Ghanshyam K.Gattani		
Date of Birth	29/09/1964		
AICTE Unique ID	1-442020482		
Educational Qualification (With class / grade)	UG	B.E. (Production Engg.) First Class	
	PG	M.E.(Manufacturing Tech.) with Distinction	
	Ph.D.	NIL	
Work Experience (In Years)	Teaching	35 Years	
	Industry	NIL	
	Research	NIL	
	Others	NIL	
Area of Specialization	Manufacturing Process , Metallurgy, Robotics		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Manufacturing Process , Engg. Metallurgy, Robotics, Automation Engg., Production Engg., Process Management, CAM.		
Research guidance Number of Students)	No. of papers published in Journals	National	Nil
		International	Nil
		Conferences	Nil
	Master (Completed / Ongoing)		07
	Ph. D. (Completed / Ongoing)		Nil
Project Carried out	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer	Nil		
Research Publications	No. of papers published in Journals	National	02
		International	Nil
		Conferences	02
No. of Books published with details	NIL		
Professional Membership	ISTE		


Name	Mr. Mir Aqueel Ali		
Date of Birth	31/10/1968		
AICTE Unique ID	1-442020544		
Educational Qualification (With class / grade)	UG	B.E. (Mechanical Engg.) First Class	
	PG	NIL	
	Ph.D.	NIL	
Work Experience (In Years)	Teaching	32 years	
	Industry	NIL	
	Research	NIL	
	Others	NIL	
Area of Specialization	Refrigeration & Air conditioning, Power plant Engg.		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Refrigeration & Air conditioning, Energy conversion. Engg. Drawing, Nonconventional Energy Sources.		
Research guidance Number of Students)	No. of papers published in Journals	National	Nil
		International	Nil
		Conferences	Nil
	Master (Completed / Ongoing)		Nil
	Ph. D. (Completed / Ongoing)		Nil
Project Carried out	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer	NIL		
Research Publications	No. of papers published in Journals	National	Nil
		International	03
		Conferences	05
No. of Books published with details	NIL		
Professional Membership	ISTE /		


Name	Mr Jaideep G.Ingale		
Date of Birth	07/06/1972		
AICTE Unique ID	1-442020548		
Educational Qualification (With class / grade)	UG	B.E. (Mechanical Engg.) First Class	
	PG	M.E.(CAD/CAM) First Class	
	Ph.D.	NIL	
Work Experience (In Years)	Teaching	26 years	
	Industry	NIL	
	Research	NIL	
	Others	NIL	
Area of Specialization	CAD/CAM, Theory of Machine, Machine Design.		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Machine Design. Theory of Machines, Mech. Of Material, Engg. Drawing, Comp. Software Application.		
Research guidance Number of Students)	No. of papers published in Journals	National	Nil
		International	Nil
		Conferences	Nil
	Master (Completed / Ongoing)	03	
	Ph. D. (Completed / Ongoing)	Nil	
Project Carried out	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer	Nil		
Research Publications	No. of papers published in Journals	National	Nil
		International	01
		Conferences	02
No. of Books published with details	NIL		
Professional Membership	ISTE		


Name	Dr. Sanjay S. Bhagwat		
Date of Birth	09/07/1971		
AICTE Unique ID	1-442020586		
Educational Qualification (With class / grade)	UG	B.E. (Mechanical Engg.) First Class with distinction	
	PG	M. Tech..(Heat Power) First Class	
	Ph.D.	Mechanical Engineering	
Work Experience (In Years)	Teaching	27 years	
	Industry	NIL	
	Research	NIL	
	Others	06 years	
Area of Specialization	Thermal Engineering, Fluid Power, Control System Engg		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Control System Engg, I.C.Engine.Engg. Thermodynamics. Energy conversion.		
Research guidance Number of Students)	No. of papers published in Journals	National	Nil
		International	Nil
		Conferences	Nil
	Master (Completed / Ongoing)	Nil	
	Ph. D. (Completed / Ongoing)	Nil	
Project Carried out	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer	NIL		
Research Publications	No. of papers published in Journals	National	Nil
		International	05
		Conferences	10
No. of Books published with details	“ Proceedings of the National Conference on Emerging Trends in Mechanical Engineering” ISBN: 978-93-83842-66-7, 2014		
Professional Membership	ISTE		


Name	Ruchir Paresh Godbole		
Date of Birth	06.07.1967		
AICTE Unique ID	1-435767109		
Educational Qualification (With class / grade)	UG (B.Sc) First Class, Merit		
	PG (M.Sc) Chemistry , First Class, Merit		
	M .Phil in Chemical Kinetics, at School of Studies Ujjain , MP		
Work Experience (In Years)	Teaching 31yrs at BNCE present Institute, 2 yr earlier (Govt College Neemuch MP, Institute of Science , Nagpur MS)		
	Industry		
	Research 01yr at National Environmental Engineering Research Institute, as Project fellow		
	Others		
Area of Specialization	Chemical Kinetics		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	UG-C Language, Applied Chemistry, Environmental studies, Communication Skills. PG-Chemistry ,Micro Electronic Mechanical Devises		
Research guidance Number of Students) NIL	No. of papers published in Journals	National	
		International	
		Conferences	
	Master (Completed / Ongoing)		
	Ph. D. (Completed / Ongoing)		
Project Carried out	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	02
		International	01
		Conferences	03
No. of Books published with details	Name of book, Publisher with ISB N, Year of Publication etc. NIL		
Professional Membership	ISTE / IE I (India)		


Name	Shrikrushna Govindrao Labhshetwar		
Date of Birth	02/07/1969		
AICTE Unique ID	1-443347980		
Educational Qualification (With class / grade)	UG – B.E (Mechanical) 1 st class (68.61%)		
	PG – Prod. Tech & Mgt. 1 st Distinction (79.5 %)		
	Ph.D. -		
Work Experience (In Years)	Teaching – 30 Years		
	Industry		
	Research		
	Others		
Area of Specialization	Manufacturing Process, Production Engineering		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	Graduate Level – Manufacturing Process, Manufacturing Technology, Workshop Technology		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		--
	Ph. D. (Completed / Ongoing)		--
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer	--		
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	01
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET ISTE LM No. 18525		


Name	Mr. Sunil J. Rajpal		
Date of Birth	01/07/1969		
AICTE Unique ID	1-442020582		
Educational Qualification (With class / grade)	UG	B.E. (Mechanical Engg.) First Class	
	PG	M.Tech.(CAD/CAM) First Class	
	Ph.D.	NIL	
Work Experience (In Years)	Teaching	31 years	
	Industry	NIL	
	Research	NIL	
	Others	NIL	
Area of Specialization	CAD/CAM, Theory of Mechine, Robotics.		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	CAD/CAM, Theory of Machine, Robotics, Fluid Mechanics, Finite Element Method.		
Research guidance Number of Students)	No. of papers published in Journals	National	Nil
		International	Nil
		Conferences	Nil
	Master (Completed / Ongoing)		04
	Ph. D. (Completed / Ongoing)		Nil
Project Carried out	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer	NIL		
Research Publications	No. of papers published in Journals	National	Nil
		International	Nil
		Conferences	07
No. of Books published with details	NIL		
Professional Membership	ISTE		


Name	Sushil Suganchand Zambani		
Date of Birth	20-06-1964		
AICTE Unique ID	1-436253859		
Educational Qualification (With class/grade)	UG	B.E. (Civil) - First class	
	PG	M.E. (Environmental Engg) - First class	
	Ph.D.	--	
Work Experience (In Years)	Teaching	32	
	Industry	03	
	Research	-	
	Others	-	
Area of Specialization	Environmental Engg		
Courses taught at Diploma / Post Diploma / Under Graduate / Post Graduate / Post Graduate Diploma Level	B.E. (Civil Engg) - Environmental Engg-I, Environmental Engg-II, Water Resources Engg-I, Strength of Material, Fluid Mechanics, Building Construction		
Research guidance Number of Students	No. of papers published in Journals	National	--
		International	02
		Conferences	--
	Master (Completed/ Ongoing)		Outgoing 04
	Ph.D. (Completed/ Ongoing)		---
Project Carried out	--		
Patents (Filed & Granted)	---		
Technology Transfer	--		
Research Publications	No. of papers published in Journals:	National	--
		International	02
		Conferences	04
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE		

Name	AshishChintamanSaoji		
Date of Birth	07-09-1964		
AICTE Unique ID	1-4318017		
Educational Qualification(Withclass/grade)	UG	B.E.(Civil) - First class	
	PG	M.E.(Structural Engg.) - First class	
	Ph.D.	--	
Work Experience (InYears)	Teaching	35 years	
	Industry	½ year	
	Research	-	
	Others	-	
Area of Specialization	Structural Engg		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	B.E. (Civil Engg) - Structural Analysis-I, Structural Analysis-II, Numerical Methods & Computer Programing, Design of Steel Structures, Engineering Mechanics, etc.		
Research guidance Number of Students	No. of papers published in Journals	National	--
		International	10
		Conferences	05
	Master(Completed/ Ongoing)	Completed 06	
	Ph.D.(Completed/ Ongoing)	---	
Project Carried out	--		
Patents (Filed & Granted)	---		
Technology Transfer	--		
Research Publications	No. of papers published in Journals:	National	--
		International	10
		Conferences	05
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc. - No		
Professional Membership	ISTE, AMIE		


Name	Prof. Zeeshan A. Ahmed		
Date of Birth	01 st July 1994		
AICTE Unique ID	1-3723042683		
Educational Qualification (With class / grade)	UG: B.E. (Civil Engg.)		First Class
	PG: M.E. (Structural Engg.)		First Class
	Ph.D. : Pursuing		
Work Experience (In Years)	Teaching : 05 Years		
	Industry: 01 Year		
	Research		
	Others		
Area of Specialization	Structural Engineering		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	Engineering Mechanics, BC&M, Engg. Geology, TOS-I,SA-I, CTRCC, ACT, PPM, Solid & Hazardous Waste Mgmt, BP&CAD,SOM		
Research guidance Number of Students)	No. of papers published in Journals	National	
		International	
		Conferences	
	Master (Completed / Ongoing)		09 Ongoing (as Co-guide)
	Ph. D. (Completed / Ongoing)		
Project Carried out			
Patents (Filed & Granted)			
Technology Transfer	Nil		
Research Publications	No. of papers published in Journals	National	
		International	16
		Conferences	05
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership			


Name	Anil SudhakarGadewar		
Date of Birth	07/07/1969		
AICTE Unique ID	1-10999049721		
Educational Qualification (With class / grade)	UG:	B.E.- First Class	
	PG:	M.Tech.-First Class	
	Ph.D.		
Work Experience (In Years)	Teaching :	32 Yrs	
	Industry: Nil		
	Research		
	Others		
Area of Specialization			(Structres)
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Diploma- Engg. Mechanics,Strength of Material, Theory of Structure, Design of R.C.C. Structue& Design of Steel Structure UG-Engg. Mechanics, Strength of Material, Advance Design of R.C.C.,Desgin of R.C.C &Prestressedde Concrete		PG-Struct.Dynamics, ERDRCS,FEM, TPS, SS&FD
Research guidance Number of Students)	No. of papers published in Journals	National	Nil
		International	01
		Conferences	Nil
	Master (Completed / Ongoing)		05 Ongoing
	Ph. D. (Completed / Ongoing)		Nil
Project Carried out	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer	Nil		
Research Publications	No. of papers published in Journals	National	0
		International	3
		Conferences	0
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc. Nil		
Professional Membership	ISTE : LM-7959		


Name	SaiyedAweshSaiyed Bashir		
Date of Birth	07/08/1992		
AICTE Unique ID	1-11001592551		
Educational Qualification (With class / grade)	Diploma	Civil Engineering	
	UG: B.E.	Civil Engineering	
	PG: M.E	Construction Engineering & Management	
	Ph.D.		
Work Experience (In Years)	Teaching :	3.5year	
	Industry:	03year	
	Research		
	Others		
Area of Specialization		Construction Engineering & Management	
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	Construction Project Management, Water Resources Engineering-II, Highway Construction & Management, Surveying & Geometrics, Surveying		
Research guidance (Number of Students)	No. of papers published in Journals	National	
		International	
		Conferences	
	Master (Completed / Ongoing)		
	Ph. D. (Completed / Ongoing)		
Project Carried out	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer	Nil		
Research Publications	No. of papers published in Journals	National	01
		International	03
		Conferences	
No. of Books published with details	Nil		
Professional Membership			


Name	Prof. Pranav Vishnu Chavan		
Date of Birth	18/02/1995		
AICTE Unique ID	1-7566945834		
Educational Qualification (With class / grade)	UG: B.E. (Civil Engg.)	B.E.- First Class	
	PG:	M.E.-First Class	
	Ph.D. :	Ph.D. (Pursuing)	
Work Experience (In Years)	Teaching :	3.3 year	
	Industry:	03 year	
	Research	-	
	Others	-	
Area of Specialization	Structural Engineering		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	UG- DRPCS/FM/ADRCC/HydEngg>/Intro. Earthquake Resis./CE&EC PG-DPCS/TE&ES/MMSA/ADSS/		
Research guidance Number of Students)	No. of papers published in Journals	National	Nil
		International	03
		Conferences	01
	Master (Completed / Ongoing)		01(Completed)
	Ph. D. (Completed / Ongoing)		Nil
Project Carried out	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer	NIL		
Research Publications	No. of papers published in Journals	National	Nil
		International	02
		Conferences	01
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE		


Name	ShivaniRameshraoGawande		
Date of Birth	25/06/1997		
AICTE Unique ID	1-11339185438		
Educational Qualification (With class / grade)	UG	93.04%	
	PG	7.81 CGPA	
	Ph.D.		
Work Experience (In Years)	Teaching	2 years	
	Industry		
	Research		
	Others		
Area of Specialization	Structural Engineering		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	UG- Geotechnical engineering -I, Transportation engineering –I Solid hazardous&waste management, Water power engineering,		
Research guidance Number of Students)	No. of papers published in Journals	National	Nil
		International	04
		Conferences	02
	Master (Completed / Ongoing)		Nil
	Ph. D. (Completed / Ongoing)		Nil
Project Carried out	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer	NIL		
Research Publications	No. of papers published in Journals	National	Nil
		International	04
		Conferences	02
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET - NON		


Name	Prof.K.D.Manwar		
Date of Birth	14/07/1994		
AICTE Unique ID			
Educational Qualification (With class / grade)	UG: B.E. (Civil Engg.)	First Class	
	PG: M.Tech. (Civil Water Management	First Class	
	Ph.D. : Pursuing	Pursuing	
Work Experience (In Years)	Teaching :	03 Years	
	Industry:		
	Research		
	Others		
Area of Specialization	(Civil Water Management)		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	FM,AWT, HydraulicsEngg, WRE, DSS, CTRCC, PPM.		
Research guidance Number of Students)	No. of papers published in Journals	National	
		International	
		Conferences	
	Master (Completed / Ongoing)		
	Ph. D. (Completed / Ongoing)		
Project Carried out			
Patents (Filed & Granted)			
Technology Transfer			
Research Publications	No. of papers published in Journals	National	
		International	4
		Conferences	1
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership			


Name	Prof. Dipali S. Pattebahadur		
Date of Birth	29/09/1995		
AICTE Unique ID			
Educational Qualification (With class / grade)	UG: B.E. (Civil Engg.)	First Class	
	PG: M.Tech. (TransportationEngg.)	First Class	
	Ph.D. : Pursuing	Pursuing	
Work Experience (In Years)	Teaching :	4.5 Years	
	Industry:	-	
	Research	-	
	Others	-	
Area of Specialization	TransportationEngineering		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	TRE-I,II, HY&WRE,HCM,SHWM		
Research guidance Number of Students)	No. of papers published in Journals	National	
		International	
		Conferences	
	Master (Completed / Ongoing)		
	Ph. D. (Completed / Ongoing)		
Project Carried out			
Patents (Filed & Granted)			
Technology Transfer			
Research Publications	No. of papers published in Journals	National	-
		International	6
		Conferences	-
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE		


Name	Dr. Raju Janmohamed Bhiwani		
Date of Birth	20 th May1966		
AICTE Unique ID	1-441805415		
Educational Qualification (With class / grade)	UG:	BE (Electronics)	
	PG:	M.E. (Instrumentation)	
	Ph.D:	Electronics& Telecomm	
Work Experience (In Years)	Teaching:	35 Years 6months	
	Industry		
	Research:		
Area of Specialization	Embedded System, Fuzzy Logic & Neural Networks, Biomedical, Digital Image Processing		
Courses taught at Diploma / Post Diploma/ Under Graduate/Post Graduate /Post Graduate Diploma Level	UG Level : Fuzzy Logic & Neural Networks, Microcontrollers, Microprocessors, Biomedical Instrumentation, Electronics Devices & Circuits, Instrumentation, Electronics Measurement & Instrumentation, Digital and Linear Integrated Circuits		P.G Level: Artificial Intelligent System, Digital Instrumentation Diploma: Basic Electronics Electronics Devices & Circuits
Research guidance Number of Students)	No. of papers published in Journals	National	
		International	07
		Conferences	06
	Master (Completed/Ongoing)		04/04
	Ph. D. (Completed/ Ongoing)		01/04
Project Carried out			
Patents(Filed &Granted)			
Technology Transfer			
Research Publications	No. of papers published in Journals	National	03
		International	17
		Conferences	17
No. of Books published	NIL		
Professional Membership	ISTE: LM-20294 ISOI: LM1817	IEI : AM-079382-8 IETE: FellowF-174381	


Name	Sunil Mohanlal Agrawal		
Date of Birth	10-10- 1965		
AICTE Unique ID			
Educational Qualification	UG-	B.E. (Electrical Power System)	
	PG-	M.E. (Digital Electronics)	
	Ph.D.		
Work Experience (In Years)	Teaching:	37 Years	
	Industry		
	Research:		
Area of Specialization	Image Processing, Signal Processing, Control System		
Courses Taught at Under Graduate/Post Graduate/	UG-Network Analysis, Control System, CAMD, Switchgear & Protection, DSP, ACS etc PG-Digital Image Processing		
Research Guidance	No. of papers published in Journals	National	10
		International Conferences	12 09
	Master(Completed/Ongoing)		04 (Completed)
	Ph.D. (Completed/Ongoing)		00
Project Carried Out	Major Research Project(Ischemic Stroke Detection using DIP, Determination of Red & White Cells in Blood using DIP, Analysis of Pharmaceutical tablet Chemicals, Urine Analysis		
Patent(Filed& Granted)	Ischemic Stroke detection using digital Image processing software embedwithcomputedTomography,DocketNo.3251,Application No. 545/MUM/2013, C.R.R. no. 2346		
Research Publication	No. of papers published in Journals	National	01
		International	03
		Conferences	03
No. of Books Published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTELM	18534	
	IETEM	M	


Name	Dr.Nizar Ali Charaniya			
Date of Birth	14/11/1965			
AICTE Unique ID	1-442020191			
Educational Qualification(With Class/Grade)	UG	B.E.	Electronics & Telecommunication	
	PG	M.E.	Opto Electronic and optical communication	
	Ph.D.	Ph.D	Neuro Computing approach for Rain fall Prediction	
Work Experience	Teaching		34 years	
	Industry			
	Research			
	Others			
Area of Specialization		Optical Fiber Communication		
Courses taught at Diploma/Post Diploma/ Under Graduate/Post Graduate/ Post Graduate Diploma level	UG- Communication Engineering, Wireless Communication, Optical Fiber Communication, Satellite Communication, Digital communication, communication network, Analog communication, Sensor and Transducer, Information and Coding Technique, Process Control System.			
	PG: Computer communication Network			
Research Guidance (Number of Student)	No. of papers published in Journals	National		
		International	10	
		Conference	02	
	Master (Completed/ Ongoing)	05(Completed)02 (Ongoing)		
	Ph.D(Completed/Ongoing)	Nil		
Project Carried out				
Patent(Filed/ Granted)				
Technology Transfer				
Research Publication	No. of papers published in Journals	National		
		International	10	
		Conference	02	
No. of Books Published with details	Nil			
Professional Membership	ISTE	LM		
	IETE	F	37608	

Name	Krushil Manohar Punwatkar		
Date of Birth	15/01/1975		
AICTE Unique ID	I-442063561		
Educational Qualification (With class / grade)	UG-BE(Electronics)	1 st Class	
	PG-ME(Digital Electronics) MBA(Marketing)	1 st Class C-grade	
	Ph.D.		
Work Experience (In Years)	Teaching	27 Years	
	Industry		
	Research		
	Others		
Area of Specialization	Image Processing	Power Electronics	
Courses taught at Diploma/Post Diploma/ Under Graduate/ Post Graduate/Post Graduate Diploma Level	Under Graduate-PE, DIP,DSP,LIC,EDC,ADIC,IMQC, Instrumentation, UHF,WC,DIC	Post Graduate-VLSI Design, Embedded System Design	
Research guidance Number of Students)	No. of papers published in Journals	National	
		International	07
		Conferences	
	Master(Completed/ Ongoing)	03	
	Ph.D.(Completed/ Ongoing)		
Project Carried out			
Patents(Filed& Granted)			
Technology Transfer			
Research Publications	No. of papers published in Journals	National	04
		International	08
		Conferences	
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE-LM23628,IETE-M237675		


Name	Sanjay Shripad Patil		
Date of Birth	08-10 1965		
AICTE Unique ID	1-442020195		
Educational Qualification (With class / grade)	UG	B.E.(Electrical Power System) First Class	
	PG	M. Tech.(Energy Management System) First Class	
	Ph.D.	Nil	
Work Experience (In Years)	Teaching	33 Years	
	Industry	Nil	
	Research	Nil	
	Others	Nil	
Area of Specialization	Electrical Machines, Energy Management		
Courses taught at Diploma/Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		Electrical Machines/Electrical Power, Power Quality, Power System Stability/Micro Electro Mechanical Systems
Research guidance Number of Students)	No. of papers published in Journals	National	
		International	Nil
		Conferences	Nil
	Master(Completed/ Ongoing)	Nil	
	Ph.D.(Completed/ Ongoing)	Nil	
Project Carried out			
Patents(Filed& Granted)	Nil		
Technology Transfer	Nil		
Research Publications	No. of papers published in Journals	National	02
		International	02
		Conferences	08
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.–Nil		
Professional Membership	ISTE/IETE/IEI(India)/ISA/IET-LMISTENo.-15421		


Name	Pradip Dattatray Dudhat		
Date of Birth	03/07/1970		
AICTE Unique ID	I-442164613		
Educational Qualification (With class / grade)	UG	BE(Electrical Power System)	
	PG	ME(Electrical Power System)	
	Ph.D.		
Work Experience (In Years)	Teaching	28 years	
	Industry		
	Research		
	Others		
Area of Specialization		Electrical Machines, Switchgear And Protection	
Courses taught at Diploma/Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level		Graduate Level	
Research guidance Number of Students)	No. of papers published in Journals	National	
		International	
		Conferences	
	Master(Completed/ Ongoing)		
	Ph.D.(Completed/ Ongoing)		
Project Carried out			
Patents(Filed& Granted)	Nil		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	01
		International	03
		Conferences	06
No. of Books published withdetails	Nil		
Professional Membership	ISTE-LM49017		


Name	Sunil V. Mukhare		
DateofBirth	14/06/1970		
AICTEUniqueID			
Educational Qualification(Withclass / grade)	UG:Electronic and Telecommunications (First)		
	PG:Digital Electronics (First)		
	Ph.D.:		
Work Experience(InYears)	Teaching:15		
	Industry:2		
	Research:Nil		
	Others :Nil		
AreaofSpecialization	Electrical		
Courses taught at Diploma /Post Diploma/Under Graduate/PostGraduate/PostGraduate DiplomaLevel	Basic Electrical Engg, Signals & System, EDC, CT, UHF, Instrumentation, IMQC		
Research guidanceNumberofStudents)	NIL		
ProjectCarriedout	NIL		
Patents(Filed &Granted)	NIL		
TechnologyTransfer	NIL		
ResearchPublications	No. of paperspublishedinJournals	National	02
		International	NIL
		Conferences	NIL
No.ofBookspublishedwithdetails	NIL		
ProfessionalMembership	NIL		


Name	Dr.SalimY.Amdani		
DateofBirth	16 th Nov.1966		
AICTEUniqueID	1-439830505		
Educational Qualification(Withclass / grade)	UG:B.E.ComputerScience&Engineering(FirstClass)		
	PG:M.E.ComputerScience&Engineering(FirstClass(U.T.))		
	Ph.D:ComputerScience&Engineering(2014)		
WorkExperience(InYears)	Teaching:31		
	Industry: NIL		
	Research:10		
	Others:NIL		
AreaofSpecialization	RealTimeDatabaseSystem, Networking, Programming,Software Engineering.		
Courses taught at Diploma /Post Diploma/Under Graduate/PostGraduate/PostGraduateDiploma Level	CF, CS-I, CS-2, CP, OOP, PM, OOT, DS, APS, FSDP, ORT, APS, CG,DBMS,SAD,CN,CNI,ICN,SE,DAA,CCN,ALGORATHM ICS,DP, AJP		
Research guidanceNumberofStudents)	Master(Completed / Ongoing)		1 2
	Ph.D.(Completed/Ongoing)		8 / 2
ProjectCarriedout	NIL		
Patents(Filed &Granted)	Filed:04 Granted:02		
TechnologyTransfer	Nil		
ResearchPublications	No. of paperspublishedin Journals	National	0 6
		International	6 2
		Conferences	2 8
No. of Books published withdetails	1.“CProgramming”,LaxmiPublications,NewDelhi(2009) ISBN:978-81-318-0546-6		
ProfessionalMembership	1. LifeMemberofIndianSocietyforTechnicalEducation(ISTELM-49019). 2. MemberofComputerScienceTeacherAssociation(CSTA),USA 3. MemberofInternational AssociationfortheEngineers(IAENG),HongKong. 4. SeniormemberInstituteofResearchEngineersandDoctors(IRED),USA.		


Name	Dr.SureshShamraoAsole		
DateofBirth	30 /12/1976		
AICTEUniqueID	1-439830509		
Educational Qualification(Withclass / grade)	UG:ComputerScience&Engineering,FirstClass(63.10%)		
	PG:ComputerScience&Engineering,FirstClass(64.32%)		
	Ph.D:Computer Science&Engineering,Awarded Dated02/12/2019		
WorkExperien ce(InYears)	Teaching:22Years		
	Industry: Nil		
	Research:3years		
	Others		
AreaofSpecialization	Networking,NetworkSecurity,MobileAdhocNetwork		
Courses taught at Diploma /Post Diploma/ UnderGraduate/ Post Graduate/ PostGraduateDiploma Level	Diploma Level : Java Programming , Object Oriented Programming, CProgramming,Distributed OperatingSystem UGLevel: ComputerNetwork,NetworkSecurity,ComputerProgramming, DataWarehousingandDataMining,WebTechnology,Network Administrative & Security, Internet Technology, ProgrammingMethodology,OperationResearch, Cryptography PGLLevel: ComputerCommunicationNetworks,NetworkSecurity,Database Processing,OperatingSystemDesigning		
Research guidance(Numero fStudents)	Master(Completed/Ongoing)	1	4
	Ph.D. (Completed/ Ongoing)	0	4
ProjectCarriedout	AnEfficientMobilityManagementandSmartRoutingforMobile Ad-HocNetworks		
Patents(Filed &Granted)	NO		
TechnologyTransfer	IhavecarriedoutWi-Fi surveyin an areaof about30KMsaroundthepusadcityincollaborationwithScienceandTechnologyPark,UniversityofPunefor installation of Wi-Fi towers. I also worked with the people of adoptedvillage "Yeranda" to identify the possibilities in the Village developmentisolatedtheproblemsandworkedforprovidingappropriatesolutionunder" UnnatBharatAbhiyan "undertechnologytransfer.		
ResearchPublications	No. of paperspublishedinJournals	National-	00
		International	-57
		Conferences	-22
		Conferences /workshops organized	-07
No.ofBooks published details	Data Science & Big Data Analysis ,ISBN No -9798887837536 (2022-23)		
ProfessionalMembership	<ul style="list-style-type: none"> LifeMemberIndianSocietyofTechnicalEducation(LM-43378) MemberofInternational AssociationofEngineers(144263) 		


Name	ShaileshTulshiramKhandare		
DateofBirth	01/07/1969		
AICTEUniqueID	1-438807525		
EducationalQualification (Withclass/grade)	UG:B.E.(ComputerScience andEngineering)FirstClass		
	PG:M.E.(ComputerScienceandEngineering)FirstClass		
	Ph.D.:Appeared		
WorkExperience(InYears)	Teaching	30	
	Industry	Nil	
	Research	Nil	
	Others	Nil	
AreaofSpecialization	ComputerScienceandEngineering		
Courses taught atDiploma/PostDiploma/ UnderGraduate/ Post Graduate/ Post GraduateDiploma Level	<p>UG:-OperatingSystems,Assembly LanguageProgramming,ComputerArchitecture and Organization , Advanced Microprocessor & Interfacing,Multimedia Technology , Computer Architecture, Switching Theory andLogicDesign,ComputerArchitecture&OperatingSystems,Microprocessor&AssemblyLanguageProgramming,ComputerOrganizationand Architecture</p> <p>PG: - Advanced Computer Architecture, Operating System Design, ExpertSystemDesign,AdvancedCompiling Techniques,Real-Time Systems.</p>		
Research guidanceNumberofStudents)	Master(Completed/ Ongoing)	07/01	
	Ph.D.(Completed/Ongoing)	Nil	
ProjectCarriedout	Nil		
Patents(Filed&Granted)	Nil		
TechnologyTransfer	Nil		
ResearchPublications	No.ofpaperspublished in Journals	National	Nil
		International	15
		Conferences	04
No.ofBookspublishedwith details			
ProfessionalMembership	<ol style="list-style-type: none"> LifeMember(LM-25628),IndianSocietyforTechnicalEducation,NewDelhi. Life Member (MH/222/3445), All India Federation ofUniversity&CollegeTeachers'Organizations,Hyderabad(AIFUCTO). 		


Name	Prof.P.H.Pawar		
DateofBirth	28/06/1973		
AICTEUniqueID	1-439992903		
Educational Qualification(Withclass / grade)	UG: FirstClass		
	PG:FirstClasswithDistinction		
	Ph.D.:NIL		
WorkExperience(InYears)	Teaching- 25 Years		
	Industry–NIL		
	Research-02Years		
	Others -NIL		
AreaofSpecialization	ArtificialIntelligence		
Courses taught at Diploma /Post Diploma/UnderGraduate/PostGraduate/PostGraduateDiploma Level	AI, DataScience&Statistics, BigDataAnalytics,Object-OrientedS/WEngineering,Introduction to cyber security,Discrete structure and Graph Theory		
Research guidance(NumberOfStudents)07	No. of paperspublishedinJournals	National	-
		International	08
		Conferences	02
	Master(Completed /Ongoing)		Completed
	Ph.D.(Completed/Ongoing)		-
ProjectCarriedout	Multiclass document classifier using BERT Model		
Patents(Filed &Granted)	NIL		
TechnologyTransfer	Mongodb		
ResearchPublications	No. of paperspublishedinJournals	National	-
		International	08
		Conferences	02
No.ofBookspublishedwithdetails	NIL		
ProfessionalMembership	ISTE/IETE/IEI(India)/ ISA/IET-		LM78220


Name	Dr.P.B.Niranjane		
Date of Birth	25/12/1977		
AICTE Unique ID	1-440216825		
Educational Qualification (With class / grade)	UG: Computer Science & Engineering (Second)		
	PG: Computer Science & Engineering (First)		
	Ph.D (Computer Science & Engineering)		
Work Experience (In Years)	Teaching	19	
	Industry	Nil	
	Research	Nil	
	Others	Nil	
Area of Specialization	Computer Science & Engineering		
Courses taught at Diploma / Post Diploma / Undergraduate / Postgraduate / Post Graduate Diploma Level	Diploma:- Computer Graphics, Data Base Management System, PC-Architecture UG:- Computer Programming, Data Structure, Discrete Structure, Computer Network & Programming, Computer Architecture & Organisation, Design and Analysis of Algorithm, Theory of Computation, Data Communication, Software Engineering, Object Oriented Technology, E-Commerce, Software Project Management, Data Structure and Algorithms, Professional Ethics, Cloud Computing PG:- Advanced Compiling Techniques, Database Processing, Algorithmic		
Research guidance (Number of Students)	Master (Completed / Ongoing)	6/2	
	Ph.D. (Completed / Ongoing)	NIL	
Project Carried out	NIL		
Patents (Filed & Granted)	01 (Filed)		
Technology Transfer	NIL		
Research Publications	No. of papers published in Journals	National	3
		International	25
		Conferences	16
No. of Books published with details	Publications in Book Chapter (Springer Nature):- “A Novel Approach for Finding Invasive Ductal Carcinoma Using Machine Learning”, (Lecture Notes in Networks and Systems) Inventive Systems and Control, pp 867–876, Springer Nature Singapore Pte Ltd, ISSN 2367-3370/ ISBN 978-981-16-1394-4.		
Professional Membership	Life member of Indian Society for Technical Education (LM-60913)		

Name	Dr.S.R.Jadhao		
DateofBirth	10/02/1978		
AICTEUniqueID			
Educational Qualification(Withclass / grade)	UG:ComputerScience&Engineering(First)		
	PG:ComputerScience&Engineering(First)		
	Ph.D.:ComputerScience &Engineering		
Work Experience(In Years)	Teaching	17	
	Industry	Nil	
	Research	Nil	
	Others	Nil	
AreaofSpecialization	ComputerScience&Engineering		
Courses taught at Diploma /Post Diploma/ UnderGraduate/PostGraduate/PostGraduateDiploma Level	UG:-Object Oriented Programming ,Web Technology,DataStructure, Java Programming,, Design and Analysis of Algorithm, Machine Learning and Artificial Intelligence, Artificial Intelligence,SoftwareEngineering,E-Commerce, Software Project Management, PG:-Algorithms,Real Time Systems		
Research guidance(NumberofStudents)	Master(Completed/ Ongoing)	8	
	Ph.D.(Completed /Ongoing)	NIL	
ProjectCarriedout	NIL		
Patents(Filed&Granted)	NIL		
TechnologyTransfer	NIL		
ResearchPublications	No. of paperspublishedinJournals	National	2
		International	15
		Conferences	8
No.ofBookspublishedwithdetails	NIL		
ProfessionalMembership	Indian Society for Technical Education (ISTE), LMISTE 76376		
	International Association of Engineers(IAENG), Member Number: 263294		

Name	Pankaj B. Pawar		
Date of Birth	21/06/1982		
AICTE Unique ID	1-440216933		
Educational Qualification (With class / grade)	UG	B.E. Information Technology (First Class)	
	PG	M.Tech. Computer Science & Engineering First division with Honours	
	Ph.D.	--	
Work Experience (In Years)	Teaching	13	
	Industry	NIL	
	Research	NIL	
	Others	NIL	
Area of Specialization	Computer Science & Engineering		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	CP, OOP, PM, OOT, DS, FSDP, SE, OS, DSGT		
Research guidance Number of Students)	Master (Completed / Ongoing)	NIL	
	Ph. D. (Completed / Ongoing)	NIL	
Project Carried out	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer	Nil		
Research Publications	No. of papers published in Journals	National	01
		International	04
		Conferences	04
No. of Books published with details	NIL		
Professional Membership	NIL		


Name	SACHINDIGAMBARCHAVHAN		
Date of Birth	25/08/1991		
AICTE Unique ID	1-7904374015		
Educational Qualification (With class / grade)	UG- Computer Engineering, 68.66%, (Pune University) First class with distinction		
	PG- Computer Science & Engineering, 96% (Amaravati University) First class with distinction		
	Ph.D. - NIL		
Work Experience (In Years)	Teaching: 6.2 years		
	Industry: 8 months		
	Research: NIL		
	Others - NIL		
Area of Specialization	Data structure, Operating system, Computer Network		
Courses taught at Diploma / Post Diploma / Under Graduate / Post Graduate / Post Graduate Diploma Level	Computer resource management, Data communication and networking, Compiler design, Data structures, Operating system, C Programming		
Research guidance Number of Students)	No. of papers published in Journals	National	-NIL
		International	-NIL
		Conferences	-NIL
	Master (Completed / Ongoing)		-NIL
	Ph.D. (Completed / Ongoing)		-NIL
Project Carried out	Cotton disease detection by image processing		
Patents (Filed & Granted)	NO		
Technology Transfer	NO		
Research Publications	No. of papers published in Journals	National	2
		International	6
		Conferences	1
No. of Books published with details	NIL		
Professional Membership	NIL		


Name	Ashwini Sahebrao Hanwate		
Date of Birth	20/01/1993		
AICTE Unique ID			
Educational Qualification (With class / grade)	UG: First class		
	PG: First class		
	Ph.D.: NIL		
Work Experience (In Years)	Teaching: 1.5 Year		
	Industry: Nil		
	Research: Nil		
	Others: Nil		
Area of Specialization	Reversible Networking of Security		
Courses taught at Diploma / Post Diploma / Under Graduate / Post Graduate / Post Graduate Diploma Level	Data mining, Cyber Security, Digital Forensics, Networking		
Research guidance Number of Students)	NIL		
Project Carried out	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer	NIL		
Research Publications	No. of papers published in Journals	National	NIL
		International	NIL
		Conferences	NIL
No. of Books published with details	NIL		
Professional Membership	NIL		


Name	Sachinkumar Shriniwas Pipparwar		
DateofBirth	13/01/1994		
AICTEUniqueID			
Educational Qualification(Withclass / grade)	UG:Firstclass (82%)		
	PG:Firstclass 6.01(CGPA)		
	Ph.D.:NIL		
Work Experience(In Years)	Teaching:4 Years		
	Industry:Nil		
	Research:Nil		
	Others:Nil		
AreaofSpecialization	ReversibleDataHiding		
Courses taught at Diploma /Post Diploma/Under Graduate/PostGraduate/PostGraduate DiplomaLevel	Theory Of Computation,Distributed Ledger Technology ,Computer Graphics,Discrete Structures ,Blockchain ,C Programming ,Computer Networks		
Research guidance(NumberOfStudents)	NIL		
ProjectCarriedout	NIL		
Patents(Filed &Granted)	NIL		
TechnologyTransfer	NIL		
ResearchPublications	No. of paperspublishedinJournals	National	NIL
		International	NIL
		Conferences	NIL
No.ofBookspublishedwithdetails	NIL		
ProfessionalMembership	NIL		


Name	ShrutiAnilraoGadwar		
DateofBirth	19/02/2001		
AICTEUniqueID			
Educational Qualification(Withclass / grade)	UG:ComputerScience&Engineering(First Class)		
	PG:ComputerScience&Engineering(Persuing)		
Work Experience(InYears)	Teaching: 7 Month		
	Industry:6 Month		
	Research: Nil		
	Others: Nil		
AreaofSpecialization	ComputerScience&Engineering		
Courses taught at Diploma /Post Diploma/Under Graduate/PostGraduate/PostGraduateDiplomaLevel	Data Mining ,Software Engineering ,Operating System		
Research guidanceNumberofStudents)	NIL		
ProjectCarriedout	NIL		
Patents(Filed &Granted)	NIL		
TechnologyTransfer	NIL		
ResearchPublications	No. of paperspublishedinJournals	National	02
		International	NIL
		Conferences	NIL
No.ofBookspublishedwithdetails	NIL		
ProfessionalMembership	NIL		





Name	Prof. Bhavana.A. Bhavsar		
Date of Birth	31/10/1992		
AICTE Unique ID			
Educational Qualification (With class / grade)	UG :- B.E. (Computer) Ist Class		
	PG :- (Computer Science & Information Technology) Ist Class		
	Ph.D.Nil		
Work Experience	Teaching	1+ Years	
	Industry	Nil	
	Research ssss	Nil	
	Others	Nil	
Area of Specialization	Compiler Design, Theory of Computation, Data Warehousing		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Compiler Design, Theory of Computation, Data Warehousing		
Research guidance Number of Students)	No. of papers published in Journals	National	Nil
		International	Nil
		Conferences	Nil
	Master (Completed / Ongoing)		Nil
	Ph. D. (Completed / Ongoing)		Nil
Project Carried out	Nil		
Patents (Filed & Granted)	Nil		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	-
		International	03
		Conferences	-
No. of Books published with details	Nil.		
Professional Membership	Nil		


Name	Dr. Kailas Raghunath Borgade		
Date of Birth	29/05/1993		
AICTE Unique ID	1-7903263351		
Educational Qualification (With class / grade)	UG - B. Sc./ B. Ed. (I/II) Class		
	PG-		M.Sc. (Maths) I Class
	Ph. D.- (Maths)		Completed
Work Experience (In Years)	Teaching -		6 Years
	Industry		
	Research		
	Others		
Area of Specialization	Pure and Applied Mathematics, Dark Energy and Cosmology		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	Pure and Applied Mathematics for UG, PG, Pharmacy and Engineering Students.		
Research guidance Number of Students)	No. of papers published in Journals	National	
		International	
		Conferences	
	Master (Completed / Ongoing)		
	Ph. D. (Completed / Ongoing)		
Project Carried out			
Patents (Filed & Granted)	Nil		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	4
		International	2
		Conferences	4
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership			

Name	Ms. Manisha Nathusing Rathod		
Date of Birth	10/02/1997		
AICTE Unique ID	1-11339045218		
Educational Qualification (With class / grade)	UG-	B. Sc I Class	
	PG-	M.Sc. (Organic Chemistry) I Class	
	Ph.D.	---	
Work Experience (In Years)	Teaching –	2 Yrs.	
	Industry	---	
	Research	---	
	Others	--	
Area of Specialization	Organic Chemistry		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel			
Research guidance Number of Students)	No. of papers published in Journals	National	
		International	
		Conferences	
	Master (Completed / Ongoing)		
	Ph. D. (Completed / Ongoing)		
Project Carried out			
Patents (Filed & Granted)			
Technology Transfer			
Research Publications	No. of papers published in Journals	National	
		International	
		Conferences	
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc. NIL		
Professional Membership			

Name	Dr. Abhay N Gaikwad		
Date of Birth	28/12/1970		
AICTE Unique ID	1-441638761		
Educational Qualification (With class / grade)	UG	B.E. (Electronics Engg.) First Class	
	PG	M.Tech.,VNIT Nagpur, Electronics, First Class	
	Ph.D.	IIT Roorkee “Study of Through wall Imaging for Target detection”	
Work Experience (In Years)	Teaching	28 years	
	Industry	NIL	
	Research	NIL	
	Others	NIL	
Area of Specialization	Wireless Communication, Signal Processing, Microwave Sensing		
Courses taught at Under Graduate/ Post Graduate Level	Communication Engg., Digital Communication, Digital Signal Processing, Wireless Communication, EMF, UHF and Microwave Engg., Radar Engg., Neural Network, CMOS and VLSI, etc		
Research guidance Number of Students)	No. of papers published in Journals	National	01
		International	02
		Conferences	Nil
	Master (Completed / Ongoing)	03	
	Ph. D. (Completed / Ongoing)	01	
Project Carried out	03(UGC MRP-8.59lakhs, AICTE-7.5lakhs, AICTE-4.5lakhs)		
Patents (Filed & Granted)	Nil		
Technology Transfer	Nil		
Research Publications	No. of papers published in Journals	National	01
		International	14
		Conferences	18
No. of Books published with details	NIL		
Professional Membership	ISTE (Life Member), IETE (Fellow), IEEE (Member)		

Name	Vasif Ahmed		
Date of Birth	26 th October 1964		
AICTE Unique ID	1-441805411		
Educational Qualification (With class / grade)	UG	B.E. (Elect. Engg.) – Ist class	
	PG	M.E.(Ind. Elect.) – Ist class	
	Ph.D.	Emb. Systems – (Excellent rating for Phd Thesis by reviewers)	
Work Experience (In Years)	Teaching	31 years	
	Industry	4 years	
	Research		
	Others		
Area of Specialization		Embedded Systems	
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	Embedded System Design, CMOS VLSI Design (PG Level), OOP, VLSI Design, CMOS Design, Embedded System, IMQC, Electronic Circuit Design, DIC & D, etc.		
Research guidance Number of Students)	No. of papers published in Journals	National	
		International	
		Conferences	
	Master (Completed / Ongoing)	05 / 01	
	Ph. D. (Completed / Ongoing)	02/01	
Project Carried out	---		
Patents (Filed & Granted)	05 filed, 01 Granted		
Technology Transfer	--		
Research Publications	No. of papers published in Journals	National	6
		International	15
		Conferences	29
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc. 1. Signal Processing Methods for Lung Sound Analysis, LAP LAMBERT Academic Publishing, ISBN - 978-620-0-78238-0, 2020 2. Study of Electronic Stethoscope as Prospective Analysis Tool for Cardiac Sounds(Book Chapter), <i>Smart Trends in Information Tech. & Computer Comm.</i> , pp 706-713, Springer Singapore, 2016, ISBN - 978-981-10-3433-6. 3. Novel Pentagonal Shape Meander Fractal Monopole Antenna for UWB Applications(Book Chapter), <i>Lecture Notes on Data Engg and Comm. Technologies</i> book series (LNDECT) vol 31, Springer, ISBN 978-3-030-24643-3.		
Professional Membership	LM – ISTE, LM – ISOI, Fellow – IETE, Fellow – IE(I)		


Name	Kalpesh Shriram Dongre		
Date of Birth	30/09/1975		
AICTE Unique ID	1-442063569		
Educational Qualification (With class / grade)	UG	Electronics & Telecommunication	
	PG	Digital Electronics	
	Ph.D.		
Work Experience (In Years)	Teaching	24 Years	
	Industry		
	Research		
	Others		
Area of Specialization			
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	UG- Communication Engineering-I, Communication Engineering-II, Communication Theory, Control System Engineering, Wireless Communication, Digital Wireless Communication, Optical Fiber Communication, Satellite Communication, Electrical Engineering, Component and Device technology, Television engineering, Electronic Devices and Circuits, Linear integrated Circuits,		
Research guidance Number of Students)	No. of papers published in Journals	National	
		International	
		Conferences	
	Master (Completed / Ongoing)	01 (Completed)	
	Ph. D. (Completed / Ongoing)		
Project Carried out	Major Research Project(“Study of Human life sign detection under debris or behind barrier using multi frequency radar system”) Funded by UGC New Delhi		
Patents (Filed & Granted)	05 filed, 01 Granted		
Technology Transfer	--		
Research Publications	No. of papers published in Journals	National	01
		International	03
		Conferences	
No. of Books published with details			
Professional Membership	ISTE: LM-78215, IETE : M-237673		


Name	Vilas Vasantrao Dahale		
Date of Birth	29/03/1969		
AICTE Unique ID	1-442164617		
Educational Qualification (With class / grade)	UG	BE (Electronics)	
	PG	ME (Digital Electronics)	
	Ph.D.		
Work Experience (In Years)	Teaching	28 Years	
	Industry		
	Research		
	Others		
Area of Specialization	Digital Electronics		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	I μ P, Power Electronics, EDC, CDT, CT, Electrical Energy Utilisation, Inst. & Sensors, Basic Electrical Engg., Digital Electronics. EEDU		
Research guidance Number of Students)	No. of papers published in Journals	National	
		International	
		Conferences	
	Master (Completed / Ongoing)		
	Ph. D. (Completed / Ongoing)		
Project Carried out			
Patents (Filed & Granted)			
Technology Transfer			
Research Publications	No. of papers published in Journals	National	
		International	1
		Conferences	
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc. - Nil		
Professional Membership	ISTE - LM-49016 IETE- M-237676		


Name	Mr.Swapnil Anilkumar Chintamani		Passport size photograph
Date of Birth	24/12/1983		
AICTE Unique ID	1-7894921261		
Educational Qualification (With class / grade)	UG	B.E.(Mechanical Engg.) Ist	
	PG	M.E.(CAD/CAM) Ist	
	Ph.D.	--	
Work Experience (In Years)	Teaching	13 Yrs.	
	Industry	--	
	Research	--	
	Others	---	
Area of Specialization			--
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		--
	Ph. D. (Completed / Ongoing)		--
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		


Name	Mr.Pranav Manikrao Deshmukh		Passport size photograph
Date of Birth	08/06/1990		
AICTE Unique ID	1-2309961294		
Educational Qualification (With class / grade)	UG	B.E.(Mechanical Engg.) Ist	
	PG	M.E.(CAD/CAM) Ist	
	Ph.D.	--	
Work Experience (In Years)	Teaching	13 Yrs.	
	Industry	--	
	Research	--	
	Others	---	
Area of Specialization			--
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		--
	Ph. D. (Completed / Ongoing)		--
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		


Name	Mr. Atish B.Dighewar		Passport size photograph
Date of Birth	16/11/1984		
AICTE Unique ID	1-443193275		
Educational Qualification (With class / grade)	UG	B.E.(Mechanical Engg.) Ist	
	PG	M.E.(CAD/CAM) Ist	
	Ph.D.	--	
Work Experience (In Years)	Teaching	15 Yrs.	
	Industry	--	
	Research	--	
	Others	---	
Area of Specialization			Production Engg.
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		--
	Ph. D. (Completed / Ongoing)		--
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		


Name	Vivek Vinod Burshe		
Date of Birth	10/09/1997		
AICTE Unique ID	1-7566496648		
Educational Qualification (With class / grade)	UG	71.93%	
	PG	Ongoing	
	Ph.D.	--	
Work Experience (In Years)	Teaching	04	
	Industry		
	Research		
	Others		
Area of Specialization			Structural Engineering
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level			
Research guidance Number of Students)	No. of papers published in Journals	National	
		International	
		Conferences	
	Master (Completed / Ongoing)		Ongoing
	Ph. D. (Completed / Ongoing)		
Project Carried out			
Patents (Filed & Granted)			
Technology Transfer			
Research Publications	No. of papers published in Journals	National	
		International	
		Conferences	
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		


Name	Mr. Nitin R.Shukla		
Date of Birth	10/05/1990		
AICTE Unique ID	1-7565655736		
Educational Qualification (With class / grade)	UG	B.E.(Civil Engg.) Ist	
	PG	Pursuing	
	Ph.D.	--	
Work Experience (In Years)	Teaching	09 Yrs.	
	Industry	--	
	Research	--	
	Others	---	
Area of Specialization	Structural Engineering		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)	--	
	Ph. D. (Completed / Ongoing)	--	
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		


Name	Ms. Shweta C. Bhagwatkar		
Date of Birth	06/06/1996		
AICTE Unique ID	1-7893475695		
Educational Qualification (With class / grade)	UG	B.E.(Civil Engg.) Ist	
	PG	Pursuing	
	Ph.D.	--	
Work Experience (In Years)	Teaching	05 Yrs.	
	Industry	--	
	Research	--	
	Others	---	
Area of Specialization			Civil Water Manag. Engg.
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		--
	Ph. D. (Completed / Ongoing)		--
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		


Name	Prof.Ms.P.P.Naik		
Date of Birth	09/05/1995		
AICTE Unique ID	I-3722983923		
Educational Qualification (With class / grade)	UG: B.E.	(Civil Engg.)	
	PG:	M. E (Structural Engg.)	
	Ph.D. -	Nil	
Work Experience (In Years)	Teaching :	05 Years	
	Industry	--	
	Research	--	
	Others	--	
Area of Specialization	Structural Engg.		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	DSS, RCC-I, DM		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		
	Ph. D. (Completed / Ongoing)		
Project Carried out			
Patents (Filed & Granted)			
Technology Transfer			
Research Publications	No. of papers published in Journals	National	
		International	01
		Conferences	
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc. Nil		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		


Name	Ms.Trupati Ravi Chaware		
Date of Birth	27/09/1974		
AICTE Unique ID	1-9496337490		
Educational Qualification (With class / grade)	UG	B.Sc. Chemistry -Ist.	
	PG	M.Sc. Chemistry – Ist.	
	Ph.D.	--	
Work Experience (In Years)	Teaching	03 Yrs.	
	Industry	--	
	Research	--	
	Others	---	
Area of Specialization	Organic Chemistry		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)	--	
	Ph. D. (Completed / Ongoing)	--	
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		

Name	Mr. Manish G.Thakare		
Date of Birth	27/06/1990		
AICTE Unique ID	1-7900487408		
Educational Qualification (With class / grade)	UG	B.Sc. Chemistry -Ist.	
	PG	M.Sc. Chemistry – I-D	
	Ph.D.	--	
Work Experience (In Years)	Teaching	05 Yrs.	
	Industry	--	
	Research	--	
	Others	---	
Area of Specialization	Organic Chemistry		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		--
	Ph. D. (Completed / Ongoing)		--
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		

Name	Mr.Sachin U.Rathod		
Date of Birth	22/11/1985		
AICTE Unique ID	1-1595675759		
Educational Qualification (With class / grade)	UG	B.E. Civil Engg.-Ist	
	PG	M.E.Structural Engg.	
	Ph.D.	--	
Work Experience (In Years)	Teaching	010 Yrs.	
	Industry	--	
	Research	--	
	Others	---	
Area of Specialization			Structural Engg.
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		--
	Ph. D. (Completed / Ongoing)		--
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		

Name	Ms.Sapna D.Dongre		
Date of Birth	09/01/1985		
AICTE Unique ID	1-7904762811		
Educational Qualification (With class / grade)	UG	B.E. Ecn. Engg.-Ist	
	PG	M.E. Digital Electronics	
	Ph.D.	--	
Work Experience (In Years)	Teaching	04 Yrs.	
	Industry	--	
	Research	--	
	Others	---	
Area of Specialization			Digital Signal Processing
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		--
	Ph. D. (Completed / Ongoing)		--
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		

Name	Ms.Pranita V.Rathod		
Date of Birth	30/06/1991		
AICTE Unique ID	1-7903263357		
Educational Qualification (With class / grade)	UG	B.E. Elect. Engg.- Ist	
	PG	M.Tech. Electrical Engg.	
	Ph.D.	--	
Work Experience (In Years)	Teaching	08 Yrs.	
	Industry	--	
	Research	--	
	Others	---	
Area of Specialization			Electrical & Power System Engg.
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		--
	Ph. D. (Completed / Ongoing)		--
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		

Name	Ms.Chaitali V.Deshmukh		
Date of Birth	14/04/1991		
AICTE Unique ID	1-7903601543		
Educational Qualification (With class / grade)	UG	B.E. Ecn. Engg.-Ist	
	PG	M.E. Digital Electronics	
	Ph.D.	--	
Work Experience (In Years)	Teaching	6Yrs.	
	Industry	--	
	Research	--	
	Others	---	
Area of Specialization			Digital Signal Processing
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		--
	Ph. D. (Completed / Ongoing)		--
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		

Name	DR.Amol S.Dudhe		Passport size photograph
Date of Birth			
AICTE Unique ID	1-439993141		
Educational Qualification (With class / grade)	UG		B.E. Electr. Ist.
	PG		M.E. Computer Sc.& Engg.
	Ph.D.		--
Work Experience (In Years)	Teaching		17 Yrs.
	Industry		--
	Research		--
	Others		---
Area of Specialization			Computer Sc. & Engg.
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		--
	Ph. D. (Completed / Ongoing)		--
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		


Name	Mr.Dhananjay G.Thakare		Passport size photograph
Date of Birth	23/06/1992		
AICTE Unique ID	1-2761392907		
Educational Qualification (With class / grade)	UG		B.E. Ist.
	PG		M.E. –Ist
	Ph.D.		--
Work Experience (In Years)	Teaching		05 Yrs.
	Industry		--
	Research		--
	Others		---
Area of Specialization			Computer Sc. & Engg.
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		
	Ph. D. (Completed / Ongoing)		--
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		

Name	RACHANA ARUN AGRAWAL		
Date of Birth	07/12/1991		
AICTE Unique ID	1-7890668908		
Educational Qualification (With class / grade)	UG-		First class
	PG-		Pursuing
	Ph.D.		-
Work Experience (In Years)	Teaching		-
	Industry		-
	Research		-
	Others		-
Area of Specialization	Data structure, Operating system		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	Computer resource management, Data communication and networking, Compiler design, Data structures, Operating system		
Research guidance Number of Students)	No. of papers published in Journals	National	-
		International	-
		Conferences	-
	Master (Completed / Ongoing)		-
	Ph. D. (Completed / Ongoing)		-
Project Carried out	Cotton disease detection by image processing		
Patents (Filed & Granted)	-		
Technology Transfer	-		
Research Publications	No. of papers published in Journals	National	
		International	
		Conferences	
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	-		

Name	Ms. Bhuvaneshwari V.Wankhande		Passport size photograph
Date of Birth	13/10/1993		
AICTE Unique ID	1-7906204207		
Educational Qualification (With class / grade)	UG	B.Sc. Ist.	
	PG	M.Sc.-Ist.	
	Ph.D.	--	
Work Experience (In Years)	Teaching	04 Yrs.	
	Industry	--	
	Research	--	
	Others	---	
Area of Specialization			Mathematics
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		
	Ph. D. (Completed / Ongoing)		--
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		

Name	Mr.Shankar S.Choudhari		Passport size photograph
Date of Birth	09/03/1974		
AICTE Unique ID	--		
Educational Qualification (With class / grade)	UG	B.Sc. –Ist.	
	PG	M.Sc.-Ist.	
	Ph.D.	--	
Work Experience (In Years)	Teaching	05 Yrs.	
	Industry	--	
	Research	--	
	Others	---	
Area of Specialization			Chemistry
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		
	Ph. D. (Completed / Ongoing)		--
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		

Name	Mr.Amit D.Chavhan		
Date of Birth	14/07/1981		
AICTE Unique ID	1-1596201334		
Educational Qualification (With class / grade)	UG	B.E. Ist.	
	PG	M.E. –Ist	
	Ph.D.	--	
Work Experience (In Years)	Teaching	010 Yrs.	
	Industry	--	
	Research	--	
	Others	---	
Area of Specialization			Computer Sc. & Engg.
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		
	Ph. D. (Completed / Ongoing)		--
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		

Name	Mr.Faisal A.Amdani		
Date of Birth	17/01/1995		
AICTE Unique ID	1-3237099381		
Educational Qualification (With class / grade)	UG	B.E. Ist.	
	PG	M.E. –Ist	
	Ph.D.	--	
Work Experience (In Years)	Teaching	04Yrs.	
	Industry	--	
	Research	--	
	Others	---	
Area of Specialization	Computer Sc. & Engg.		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		
	Ph. D. (Completed / Ongoing)		--
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		

Name	SHRIKANT Baliram CHAVHAN		
Date of Birth	22/01/1989		
AICTE Unique ID	1-1579893877		
Educational Qualification (With class / grade)	UG	B.E. Ist.	
	PG	M.E. –Ist	
	Ph.D.	--	
Work Experience (In Years)	Teaching	06 years	
	Industry	--	
	Research	--	
	Others	---	
Area of Specialization	Computer Sc. & Engg.		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		
	Ph. D. (Completed / Ongoing)		
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		

Name	NARENDRA UTAAMRAO CHIPDE		
Date of Birth	05/08/1980		
AICTE Unique ID	1-440216821		
Educational Qualification (With class / grade)	UG	B.E. Ist.	
	PG	M.E. –Ist	
	Ph.D.	--	
Work Experience (In Years)	Teaching	10 years	
	Industry	--	
	Research	--	
	Others	---	
Area of Specialization	Computer Sc. & Engg.		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		
	Ph. D. (Completed / Ongoing)		
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		

Name	NILESH ANIL CHINTAMANI		
Date of Birth	24/12/1986		
AICTE Unique ID	1-7905809815		
Educational Qualification (With class / grade)	UG	B.E. Ist.	
	PG	M.E. –Ist	
	Ph.D.	--	
Work Experience (In Years)	Teaching	07 Years	
	Industry	--	
	Research	--	
	Others	---	
Area of Specialization	Computer Sc. & Engg.		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Under Graduate		
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		
	Ph. D. (Completed / Ongoing)		
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / IETE / IE I (India) / ISA / IET		

Name	Dhanshari D Aswale		
Date of Birth	23/3/1996		
AICTE Unique ID			
Educational Qualification (With Class/Grade)	2UG-B.E Civil Engg [72%]		
	PG-ME Structural Engg		
	Ph.D. Nil		
Work Experience (In Years)	Teaching-2.5 Years		
	Industry-		
	Research-		
	Others-		
Area of Specialization	Structural Engg		
Courses taught at Diploma/Post Diploma/ Undergraduate/Post Graduate Diploma Level	TRE [2 nd year] Geotech [Final Year]		
Research Guidance (Number of Students)	No. of Papers Published in Journals	National	
		International	
		Conferences	
	Master (Completed/Ongoing)		Completed
	Ph.D. (Completed/Ongoing)		
Project Carried Out			
Patents (Filed & Granted)			
Technology Transfer			
Research Publication	No. of Papers Published in Journals	National	
		International	
		Conferences	
No. of Books Published with details	Name of Book, Publisher with ISBN, Year of Publication etc.		
Professional Membership			

Name	Md Parvez Farooque Agwan		
DateofBirth	26/8/1998		
AICTEUniqueID	1-44070234994		
EducationalQualification (WithClass/Grade)	2UG–B.E Civil Engg		
	PG–ME		
	Ph.D.Nil		
WorkExperience(InYears)	Teaching-4Years		
	Industry-		
	Research-		
	Others-		
AreaofSpecialization	Thremal Engg		
Courses taught at Diploma/Post Diploma/ UnderGraduate/PostGradu ate DiplomaLevel			
Research Guidance(Numberof Students)	No.ofPapersP ublished inJournals	National	
		International	
		Conferences	
	Master(Completed/Ongoing)		Comple
	Ph.D.(Completed/Ongoing)		
ProjectCarriedOut			
Patents(Filed&Granted)			
TechnologyTransfer			
ResearchPublication	No.ofPapersP ublished inJournals	National	
		International	
		Conferences	
No.ofBooksPublished withdetails	Name of Book,Publisher with ISBN,Year of Publication etc.		
ProfessionalMembership	Members of ISTE		

Name	Mohammad Ashfaq A Bhura		
Date of Birth	23/11/1975		
AICTE Unique ID	1-44070138378		
Educational Qualification (With Class/Grade)	2UG–B.E Civil Engg		
	PG–ME [ptm] 1 ST class		
	Ph.D.Nil		
Work Experience (In Years)	Teaching		
	Industry-		
	Research-		
	Others-		
Area of Specialization	Thermal Engg		
Courses taught at Diploma/Post Diploma/ Under Graduate/Post Graduate Diploma Level			
Research Guidance (Number of Students)	No. of Papers Published in Journals	National	
		International	
		Conferences	
	Master (Completed/Ongoing)		Comple
	Ph.D. (Completed/Ongoing)		
Project Carried Out			
Patents (Filed & Granted)			
Technology Transfer			
Research Publication	No. of Papers Published in Journals	National	5
		International	
		Conferences	01
No. of Books Published with details	Name of Book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	Members of ISTE		

Name	Vinavati M Pandey		
DateofBirth	23/3/1975		
AICTEUniqueID	1-44014258641		
EducationalQualification (WithClass/Grade)	2UG–B.E Extc		
	PG–ME [ptm]1 ST class		
	Ph.D.		
WorkExperience(InYears)	Teaching		
	Industry-22 years		
	Research-		
	Others-		
AreaofSpecialization			
Courses taught at Diploma/Post Diploma/ UnderGraduate/PostGradu ate DiplomaLevel			
Research Guidance(Numberof Students)	No.ofPapersP ublished inJournals	National	
		International	
		Conferences	
	Master(Completed/Ongoing)		Comple
	Ph.D.(Completed/Ongoing)		
ProjectCarriedOut			
Patents(Filed&Granted)			
TechnologyTransfer			
ResearchPublication	No.ofPapersP ublished inJournals	National	1
		International	2
		Conferences	
No.ofBooksPublished withdetails	NameofBook,PublisherwithISBN,YearofPublicationetc.		
ProfessionalMembership	Members of ISTE		


Name	Pnakaj r Gawande		
DateofBirth	15/5/2000		
AICTEUniqueID	1-43877340974		
EducationalQualification (WithClass/Grade)	2UG–B.E Extc		
	PG–ME		
	Ph.D.		
WorkExperience(InYears)	Teaching		
	Industry-		
	Research-		
	Others-		
AreaofSpecialization			
Courses taught at Diploma/Post Diploma/ UnderGraduate/PostGradu ate DiplomaLevel			
Research Guidance(Numberof Students)	No.ofPapersP ublished inJournals	National	
		International	
		Conferences	
	Master(Completed/Ongoing)		Comple
	Ph.D.(Completed/Ongoing)		
ProjectCarriedOut			
Patents(Filed&Granted)			
TechnologyTransfer			
ResearchPublication	No.ofPapersP ublished inJournals	National	
		International	
		Conferences	
No.ofBooksPublished withdetails	NameofBook,PublisherwithISBN,YearofPublicationetc.		
ProfessionalMembership	Members of ISTE		

Name	Prashant A Bhalge		
DateofBirth	1/7/1979		
AICTEUniqueID	1-43879686960		
EducationalQualification (WithClass/Grade)	2UG–B.E Comp		
	PG–ME CSE		
	Ph.D.		
WorkExperience(InYears)	Teaching 15.5 Years		
	Industry-		
	Research-		
	Others-		
AreaofSpecialization	Multimedia Image Processing		
Courses taught at Diploma/Post Diploma/ UnderGraduate/PostGradu ate DiplomaLevel	BE.CSE M.E CSE		
Research Guidance(Numberof Students)	No.ofPapersP ublished inJournals	National	
		International	2
		Conferences	2
	Master(Completed/Ongoing)	3	
	Ph.D.(Completed/Ongoing)		
ProjectCarriedOut			
Patents(Filed&Granted)			
TechnologyTransfer			
ResearchPublication	No.ofPapersP ublished inJournals	National	2
		International	3
		Conferences	7
No.ofBooksPublished withdetails	NameofBook,PublisherwithISBN,YearofPublicationetc.		
ProfessionalMembership	Members of ISTE MISTE-52748		


Name	Surekha Jadhao (Chavhan)		
DateofBirth	10/2/1989		
AICTEUniqueID	1-7905809608		
EducationalQualification (WithClass/Grade)	2UG–B.E Comp		
	PG–ME CSE		
	Ph.D.		
WorkExperience(InYears)	Teaching 3Years		
	Industry-		
	Research-		
	Others-		
AreaofSpecialization			
Courses taught at Diploma/Post Diploma/ UnderGraduate/PostGradu ate DiplomaLevel	BE.CSE M.E CSE		
Research Guidance(Numberof Students)	No.ofPapersP ublished inJournals	National	
		International	
		Conferences	
	Master(Completed/Ongoing)		
	Ph.D.(Completed/Ongoing)		
ProjectCarriedOut			
Patents(Filed&Granted)			
TechnologyTransfer			
ResearchPublication	No.ofPapersP ublished inJournals	National	
		International	
		Conferences	
No.ofBooksPublished withdetails	NameofBook,PublisherwithISBN,YearofPublicationetc.		
ProfessionalMembership			


Name	Ms.Sangita R Chavhan		Passport size photograph
Date of Birth	5/11/1987		
AICTE Unique ID	1-44014560915		
Educational Qualification (With class / grade)	UG	B.E AIDS	
	PG	M.E	
	Ph.D.	--	
Work Experience (In Years)	Teaching	4 Yrs.	
	Industry	--	
	Research	--	
	Others	---	
Area of Specialization			--
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level			
Research guidance Number of Students)	No. of papers published in Journals	National	--
		International	--
		Conferences	--
	Master (Completed / Ongoing)		--
	Ph. D. (Completed / Ongoing)		--
Project Carried out	--		
Patents (Filed & Granted)	--		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details			
Professional Membership			


Name	Aarti Shamrao Gawali		Passport size Photo
Date of Birth	08/11/1998		
AICTE Unique ID	--		
Educational Qualification (With class / grade)	UG- PN college pusad	B.Sc. (Physics) Ist Class	
	PG- Vidhyabharti college Amravati	M.Sc. (Physics) Ist Class	
	Ph.D.	---	
Work Experience (In Years)	Teaching	2 year	
	Industry	Nil	
	Research	Nil	
	Others	Nil	
Area of Specialization	CMP, Nanoscience and Nanotechnology		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Senior College (B.sc) Engg. Physics		
Research guidance Number of Students)	No. of papers published in Journals	National	Nil
		International	Nil
		Conferences	Nil
	Master (Completed / Ongoing)		Completed
	Ph. D. (Completed / Ongoing)		Nil
Project Carried out			
Patents (Filed & Granted)	Nil		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	--
		International	--
		Conferences	--
No. of Books published with details			
Professional Membership			

Name	Prof.Sheetal S. Chavhan		
Date of Birth	10/10/1990		
AICTE Unique ID	1-43883313182		
Educational Qualification (With class / grade)	UG	B.E. (Information Technology) Ist Class	
	PG	M.E. (Computer Sci. And Engineering) Ist Class	
	Ph.D.	Nil	
Work Experience (In Years)	Teaching	1+ Years	
	Industry	Nil	
	Research	Nil	
	Others	Nil	
Area of Specialization	Discrete Structure,Computer Architecture and operating System		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Discrete Structure,Computer Architecture and operating System		
Research guidance Number of Students)	No. of papers published in Journals	National	Nil
		International	Nil
		Conferences	Nil
	Master (Completed / Ongoing)	Nil	
	Ph. D. (Completed / Ongoing)	Nil	
Project Carried out			
Patents (Filed & Granted)	Nil		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	03
		International	
		Conferences	
No. of Books published with details			
Professional Membership	ISTE / / IEI		


Name	Firoz Akhtar Ishrat Mirza		Passport size Photo
Date of Birth	20/12/1927		
AICTE Unique ID			
Educational Qualification (With class / grade)	UG	B.E. (Mechanical) Ist Class	
	PG	M.E. (PMT) Ist Class	
	Ph.D.		
Work Experience (In Years)	Teaching	16 Years	
	Industry	01 Year	
	Research	Nil	
	Others	Nil	
Area of Specialization	Production and Management		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	RAC ,AMP , MS , CS ED ,ED1		
Research guidance Number of Students)	No. of papers published in Journals	National	Nil
		International	Nil
		Conferences	Nil
	Master (Completed / Ongoing)		0
	Ph. D. (Completed / Ongoing)		Nil
Project Carried out			
Patents (Filed & Granted)	Nil		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	0
		International	0
		Conferences	0
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc.		
Professional Membership	ISTE / / IEI		

Name	Sunil Y. Gawali		
DateofBirth	01/07/1969		
AICTEUniqueID			
Educational Qualification(With class / grade)	UG:ComputerScience&Engineering(First)		
	PG:ComputerScience&Engineering(First)		
	Ph.D.:		
Work Experience(In Years)	Teaching:18		
	Industry :5		
	Research :Nil		
	Others :Nil		
AreaofSpecialization	ComputerScience&Engineering		
Courses taught at Diploma /Post Diploma/Under Graduate/PostGraduate/PostGraduateDiplomaLevel	C Programming, Object Oriented Programming ,Web Technology,Java Programming, Advance Java Programming ,VB,Computer Networks, Security Policy and Governance		
Research guidanceNumberofStudents)	NIL		
ProjectCarriedout	NIL		
Patents(Filed &Granted)	NIL		
TechnologyTransfer	NIL		
ResearchPublications	No. of paperspublishedinJournals	National	02
		International	NIL
		Conferences	NIL
No.ofBookspublishedwithdetails	NIL		
ProfessionalMembership	NIL		

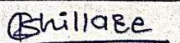
Name	Akshay Prakash Punde		
Date of Birth	31/12/1989		
AICTE Unique ID	1-43469776087		
Educational Qualification (With class / grade)	UG:	B.E. (Mechanical) Ist Class	
	PG:	M.E. (Mechanical-CAD/ CAM) Ist Class	
	Ph.D.:		
Work Experience (In Years)	Teaching: 9 Years		
	Industry		
	Research		
	Others		
Area of Specialization	CAD/CAM		
Courses taught at Diploma / Post Diploma / Under Graduate / Post Graduate / Post Graduate Diploma Level	Engineering Drawing, Engineering Graphics, Production Technology, Computer Software Application.		
Research guidance Number of Students)	NIL		
Project Carried out	NIL		
Patents (Filed & Granted)	NIL		
Technology Transfer	NIL		
Research Publications	No. of papers published in Journals	National	02
		International	01
		Conferences	01
No. of Books published with details	NIL		
Professional Membership	ISTE		

Name	Prof. Ms. PRIYANKA PRABHAKAR DHANDE.		
Date of Birth	28/08/1994		
AICTE Unique ID			
Educational Qualification (With class / grade)	UG	B. Sc./ B. Ed. (I/I) Class	
	PG	M.Sc. (CHEMISTRY) I Class	
	Ph.D.		
Work Experience (In Years)	Teaching	04 Years	
	Industry	Nil	
	Research	Nil	
	Others	MEDIPATHOLOGY	
Area of Specialization	Inorganic Chemistry.		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Inorganic Chemistry to UG, PG, and Engineering Students.		B.Sc., M.Sc., & B. E.
Research guidance (Number of Students)	No. of papers published in Journals	National	Nil
		International	Nil
		Conferences	Nil
	Master (Completed / Ongoing)		Nil
	Ph. D. (Completed / Ongoing)		Nil
Project Carried out	Role of Cobalt Oxide Nanoparticles in Removal of Hazardous Dye Pollutant By Visible And UV Light Irradiation.		
Patents (Filed & Granted)	Nil		
Technology Transfer			
Research Publications	No. of papers published in Journals	National	Nil
		International	Nil
		Conferences	1
No. of Books published with details	Nil		
Professional Membership	Nil		

Faculty Profile to be required for AICTE Mandatory Disclosure

Name	Mr. Sudarshan Dilip Khillare		
Date of Birth	05-01-1999		
AICTE Unique ID			
Educational Qualification (With class / grade)	UG- Milind College Of Science, Dr BAMU Chatrapati Sambhajinagar		B. Sc I Class
	PG- Department Of Physics, Dr BAMU Chatrapati Sambhajinagar		M.Sc. Physics I class
	Ph.D.		---
Work Experience (In Years)	Teaching –		01 year
	Industry		--
	Research		--
	Others		--
Area of Specialization	Condensed Matter Of Physics		
Courses taught at Diploma / Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate DiplomaLevel	Engg Physics HSc Physics, MH- CET.		
Research guidance Number of Students)	No. of papers published in Journals	National	
		International	
		Conferences	
	Master (Completed / Ongoing)		Completed
	Ph. D. (Completed / Ongoing)		--
Project Carried out			
Patents (Filed & Granted)			
Technology Transfer			
Research Publications	No. of papers published in Journals	National	
		International	
		Conferences	
No. of Books published with details	Name of book, Publisher with ISBN, Year of Publication etc. NIL		
Professional Membership			

Signature of Faculty



9. Fee

- i. **No. of Fee waivers granted with amount and name of students:** Refer table below
- ii. **Number of scholarship offered by the institution ,duration and amount:** Refer table below

Babasaheb Naik College of Engineering

LIST OF FEE CONCESSIONS 2023-24

Sr. No.	Name	PIN No.	Class	Concession	Total Concession
1	S.S.Bhosale	2021646	R - IV	CC 2021	35,573.00
2	S.S.Gaydhane	2021649	AI & DS - IV	CC 2021	35,573.00
3	S.R.Babhale	2022260	R - II	CC 2022	42,895.00
4	A.B.Kadam	2022267	AI & DS - II	CC 2022	42,895.00
5	P.A.Ingole	2022268	R - II	CC 2022	42,895.00
6	M.A.Karade	2022272	AI & DS - II	CC 2022	42,895.00
7	A.A.Sharma	2022280	M - II	CC 2022	42,895.00
8	S.D.Bhange	2022281	R - II	CC 2022	42,895.00
9	S.S.Babhulkar	2022286	R - II	CC 2022	42,895.00
10	R.S.Chaudhari	2022293	AI & DS - II	CC 2022	42,895.00
11	S.V.Kashte	2022295	AI & DS - II	CC 2022	66,000.00
12	K.N.Tiwaskar	2022302	EPE - II	CC 2022	42,895.00
13	S.S.Dube	2022307	R - II	CC 2022	42,895.00
14	T.A.Shewale	2022801	C - II	CC-2022	48,000.00
15	P.V.Kallawar	2022802	R - II	CC-2022	48,000.00
16	S.A.Gadewar	2022803	R - II	CC-2022	48,000.00
17	V.P.Jadhao	2022805	C - II	CC-2022	48,000.00
18	P.M.Jadhao	2022806	R - II	CC-2022	48,000.00
	College concession :				8,06,096.00
1	S.K.Adhapure	2020020	R - IV	EWFC	20,607.00
2	A.P.Dudhat	2021074	AI & DS - III	EWFC	21,448.00
3	A.S.Amdani	2022108	R - II	EWFC	21,448.00
4	A.D.Bhalekar	2022197	M - II	EWFC	21,448.00
5	A.V.Dahale	2023342	AI & DS - I	EWFC	36,284.00
	Employee Ward Concession :				1,21,235.00

Sr. No.	Name	PIN No.	Class	Concession	Total Concession
1	S.M.Asegaonkar	2020016	R - IV	TFWS	82,427.00
2	A.R.Deshmukh	2020034	R - IV	TFWS	82,427.00
3	T.S.Suryawanshi	2020036	AI & DS - IV	TFWS	82,427.00
4	P.G.Deshmukh	2020044	R - IV	TFWS	82,427.00
5	T.R.Kottawar	2020055	AI & DS - IV	TFWS	82,427.00
6	A.A.Shinde	2022002	R - II	TFWS	85,790.00
7	G.S.Netankar	2022011	R - II	TFWS	85,790.00
8	S.S.	2022012	R - II	TFWS	85,790.00
9	A.M.Shaikh	2022023	R - II	TFWS	85,790.00
10	P.P.Dudhe	2022030	R - II	TFWS	85,790.00
11	P.S.Alone	2022031	R - II	TFWS	85,790.00
12	N.M.Rathod	2023002	M - I	TFWS	72,568.00
13	P.S.Sayyad	2023005	R - I	TFWS	72,568.00
14	N.R.Chinnawar	2023009	AI & DS - I	TFWS	72,568.00
15	V.R.Jadhav	2023013	R - I	TFWS	72,568.00
16	R.S.Mukkawar	2023036	R - I	TFWS	72,568.00
17	B.S.Dau	2023049	R - I	TFWS	72,568.00
18	V.A.Syed	2023053	R - I	TFWS	72,568.00
19	M.S.Burse	2023068	EPE - I	TFWS	72,568.00
20	M.A.Bakali	2023074	AI & DS - I	TFWS	72,568.00
21	R.B.Rathod	2023094	C - I	TFWS	72,568.00
22	K.S.Jaiswal	2023146	R - I	TFWS	72,568.00
23	A.A.Dau	2023161	EPE - I	TFWS	72,568.00
24	T.T.Khan	2023176	C - I	TFWS	72,568.00
25	P.S.Gudikandula	2023179	C - I	TFWS	72,568.00
26	V.R.Gadewar	2023194	AI & DS - I	TFWS	72,568.00
27	S.S.Mankar	2023208	M - I	TFWS	72,568.00
28	Y.V.Jadhao	2023274	M - I	TFWS	72,568.00
	Tuition fee waivers :				21,60,531.00
	GRAND TOTAL :				30,87,862.00

10. Admission :

i. Number of seats sanctioned with the year of approval: Reffer table below

ii. Number of students admitted under various categories each year in the last three years: Reffer table below

10. Admission (Branch Wise)		Branch Intake		
10.1	Civil Engineering	120	60	60
		2021-22	2022-23	2023-24
1	Number of seats sanctioned with the year of approval	120	60	60
2	Number of students admitted under various categories each year in the last three years			
	SC	2	1	7
	ST	0	0	0
	OBC (including VJNT/SBC/ESBC/EBC)	4	37	44
	Open	8	12	11
		14	50	62

10. Admission (Branch Wise)		Branch Intake		
10.2	Mechanical Engineering	60	60	60
		2021-22	2022-23	2023-24
1	Number of seats sanctioned with the year of approval	60	60	60
2	Number of students admitted under various categories each year in the last three years			
	SC	0	6	9
	ST	0	0	0
	OBC (including VJNT/SBC/ESBC/EBC)	0	22	42
	Open	0	8	8
		0	36	59

10. Admission (Branch Wise)		Branch Intak		
10.3	Computer Sci. & Engineering	60	120	120
		2021-22	2022-23	2023-24
1	Number of seats sanctioned with the year of approval	60	120	120
2	Number of students admitted under various categories each year in the last three years.			
	SC	5	19	13
	ST	1	0	4
	OBC (including VJNT/SBC/ESBC/EBC)	40	63	86
	Open	19	44	30
		65	126	133

10. Admission (Branch Wise)		Branch Intake		
10.4	Electrical (Elect & Power) Engineering.	30	30	30
		2021-22	2022-23	2023-24
1	Number of seats sanctioned with the year of approval	30	30	30
2	Number of students admitted under various categories each year in the last three years			
	SC	0	4	2
	ST	0	0	0
	OBC (including VJNT/SBC/ESBC/EBC)	3	16	27
	Open	2	5	5
		5	25	34

10. Admission (Branch Wise)		Branch Intake		
10.5	Artificial Intelligence & Data Science	60	60	60
		2021-22	2022-23	2023-24
1	Number of seats sanctioned with the year of approval	60	60	60
2	Number of students admitted under various categories each year in the last three years			
	SC	1	6	9
	ST	1	0	0
	OBC (including VJNT/SBC/ESBC/EBC)	6	33	41
	Open	6	21	14
		14	60	64

- iii. **Number of applications received during last year for admission under Management Quota and number admitted: Number of Application received During Last Year for Admission under Management Quota and Number Admitted = 47/47**

11. Admission Procedure

- i. **Mention the admission test being followed, name and address of the test agency/state admission authorities and its URL.**

As per guidelines of Directorate of Technical Education, Maharashtra State for both UG and PG.

Admission test conducted by Maharashtra State Common Entrance Test (MHT-CET) conducted by CET CELL, Mumbai

Name and Address of Test Agency / State Admission Authorities :

State Common Entrance Test Cell Maharashtra

8th Floor, New Excelsior Building

A.K.NayakMarg, Fort, Mumbai – 400 001

URL - cetcell.mahacet.org

- ii. **Number of seat allotted to different test qualified candidates separately (AIEEE/JEE/CET(State conducted test)/University test/CMAT/Association conducted test etc.):**

Seat Alloted for AIEEE / JEE - 15 % of Intake for Each Branch

Seat Alloted for MHT-CET – 85 % of Intake for each Branch

Number of Candidate admitted for each branch in 2023-24

Branch Name	Intake	JEE	MHT-CET
Civil	60	07	55
Mechanical	60	07	52
Computer Science & Engineering	120	18	115
Electrical Engg (EPS)	30	04	30
Artificial Intelligence & data Science	60	09	55

- iii. **Calendar for admission against management quota seats:**

Babasaheb Naik College of Engineering, Pusad

NOTICE

Management Quota Admission

Schedule of Activities for B.E first year Admissions.

EN-1117

S.N	Schedule Details	Against CAP Vacancy
1	Sale of application forms	17/08/2023 onwards
2	Last date of receiving forms	23/08/2023 at 10.00 am
3	Display of Provisional Merit list	23/08/2023 at 10.30 am
4	Submission of grievances if any	23/08/2023 at 11.00 am
5	Display of Final Merit list	23/08/2023 at 11.30 am
6	Reporting for Admission process	23/08/2023 and 24/08/2023 at 12.00 Noon

Prof. I/C Admission

PRINCIPAL

Babasaheb Naik College of Engineering, Pusad
NOTICE
Management Quota Admissions
Schedule of Activities for Direct Second year Admissions.

EN-1117

S.N	Schedule Details	Against CAP Vacancy
1	Sale of application forms	20/09/2023 onwards
2	Last date of receiving forms	24/09/2023 at 10.00 am
3	Display of Provisional Merit List	24/09/2023 at 10.30 am
4	Submission of Grievances if any	24/09/2023 at 11.00 am
5	Display of Final Merit List	24/09/2023 at 11.30 am
6	Reporting for Counseling	25/09/2023 at 12.00 Noon

Prof. I/C Admission

PRINCIPAL

Babasaheb Naik College of Engineering, Pusad
NOTICE
Management Quota Admissions
Schedule of Activities for M.E first year Admissions.

EN-1117

S.N	Schedule Details	Against CAP Vacancy
1	Sale of application forms	24/08/2023 onwards
2	Last date of receiving forms	29/08/2023 at 10.00 am
3	Display of Provisional Merit List	29/08/2023 at 10.30 am
4	Submission of Grievances if any	29/08/2023 at 11.00 am
5	Display of Final Merit List	29/08/2023 at 11.30 am
6	Reporting for Counseling	29/08/2023 at 12.00 Noon

Prof. I/C Admission

PRINCIPAL

- iv. **Last date of Request for Application** – 23/08/2023 (First Year) & 24/09/2023 (DSE)
- v. **Last date of submission of Application** – 23/08/2023 (First Year) & 24/09/2023 (DSE)
- vi. **Date of Announcing Final result** - 23/08/2023 (First Year) & 24/09/2023 (DSE)
- vii. **Release of Admission List** - 23/08/2023 (First Year) & 24/09/2023 (DSE)
- viii. **Date of acceptance by candidate** -23/08/2023 (First Year) & 24/09/2023 (DSE)
- ix. **Last date of Closing Admission and Starting of Academic Session:-** 23/08/2023 (First Year) & 24/09/2023 (DSE), Academic Session Start -07/08/2023
- x. **The waiting list shall be activated only on the expiry of date of main list** – NIL

xi. The policy of refund of Fees, in case of withdrawal:

The Candidate shall apply online for cancellation and submit duly signed copy of system generated application for cancellation of admission to the institution. Once the candidate submits online request for cancellation, his/her admission shall be treated as cancelled. The Institute shall consider the online request made by Candidate for cancellation as final irrespective of whether he/she has submitted duly signed copy of system generated application to the Institute. Upon such cancellation, the candidate shall lose the claim on the seat and such seat shall become available for further allotment. The candidate shall then become entitled to and the Institute shall refund the entire fees to the candidate after deduction of Rs.1000/- towards processing charges and return all his/her original documents submitted to the Institute within two days from submission of duly signed copy of system generated application to the Institute;

Notwithstanding clause (a) above, candidate shall not be entitled to any refund of his/her fee except the Security Deposit and Caution Money Deposit if the online cancellation is effected by the candidate after 5.00 p.m. of the cut-off date prescribed by the Competent Authority.

No institution, who has in its possession or custody, of any document in the form of certificates of degree, diploma or any other award or other document deposited with it by a person for the purpose of seeking admission in such institution, shall refuse to return such degree, certificate award or other document with a view to induce or compel such person to pay any fee or fees in respect of any course or program of study which such person does not intend to pursue or avail any facility in such institution.

The institution shall not entitle to recover the fees for the subsequent years from the student seeking cancellation of his admission at any point of time.

12. Criteria and Weightages for Admission:

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

All the rules of admission are govern by DTE Maharashtra

For First Year

Criteria -

(1) Maharashtra State Candidature Candidate (i) The Candidate should be an Indian National; (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 The Candidate should have appeared in all the subjects in MHT-CET 2023 and should obtain non zero score in MHT-CET 2023; 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) ; Or (ii) Passed three years D. Voc. Stream in the same or allied sector;

(2) All India Candidature Candidates, Union Territory of Jammu and Kashmir and Union Territory of Ladakh Migrant Candidature Candidates (i) The Candidate should be an Indian National; (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 subjects in MHT-CET 2023 and should obtain non zero score in MHT-CET 2023. 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 2023; 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) Or ; (ii) Passed three years D. Voc. Stream in the same or allied sector;

(3) NRI / OCI / PIO, Children of Indian workers in the Gulf countries, Foreign National (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 or Electronics or Entrepreneurship and obtained at least 45% marks in the above subjects taken together; Information Brochure for Admission to Under Graduate Technical Courses (2023-24) NEWPC001 12 (ii) Any other criterion declared from time to time by the appropriate authority as defined under the Act.

For Direct second Year

(1) For Maharashtra State Candidature Candidate and All India Candidature Candidate, -

(i) The Candidate should be an Indian National;

(ii) Passed minimum three years or two years (Lateral Entry) Diploma Course in Engineering and Technology with at least 45% marks (40% marks in case of Candidates of Backward Class categories, Economically Weaker Section and Persons with Disability category belonging to Maharashtra State) in any branch of Engineering and Technology from an All India Council for Technical Education or Central or State Government approved Institution or its equivalent; or (ii) Passed B.Sc. Degree from a University Grants Commission (UGC) or Association of Indian Universities recognized University with at least 45% marks (40% in case of candidates of Backward Class categories, Economically Weaker Section and Persons with Disability category belonging to Maharashtra State) and passed HSC or its equivalent examination with Mathematics as a subject; or (ii) Passed three years D.Voc. Stream in the same or allied sector (refer Schedule III); (iii) Any other criterion declared from time to time by the appropriate authority as defined under the Act.

ii. Mention the minimum level of acceptance, if any:

Candidate Must be HSC qualified with Minimum 45 % Marks in PCM Group for Open Category and 40 % marks in PCM Group For reservation Category and having Non Zero Score in State Level Entrance Examination (MHT-CET) and AIEEE / JEE Entrance Examination.

HSC Qualified

PCM Group Marks 45 % for Open candidate (135/300)

PCM Group Marks 40 % for Reservation candidate (120/300)

JEE/ AIEEE – Non Zero Score

MHT-CET- Non Zero Score

iii. Cut of Level of Percentage & Percentile Score of candidate in Admission test for last Three Years

Session 2022-23

1117-JanataShikshanPrasarakMandal'sBabasahebNaikCollegeOfEngineering,Pusad

111719110-CivilEngineeringStatus:Un-Aided

HomeUniversitySeatsAllottedtoHomeUniversityCandidates

Stage	GOPENH	GSCH	GSTH	GOBCH	LOPENH	LSCH	LSTH
I	92900 (38.5667023)	122370 (0.5860944)		111446 (17.4354552)	75383 (53.9262430)		
VII		119187 (6.3771146)	119505 (5.5595051)			103022 (27.3337429)	105561 (24.8766135)

OtherThanHomeUniversitySeatsAllottedtoOtherThanHomeUniversityCandidates

Stage	GOPENO
I	92516 (39.1582539)

OtherThanHomeUniversitySeatsAllottedtoHomeUniversityCandidates

Stage	GSCO	GNT2O	GOBCO	LOBCO
I		87253 (43.3051128)	119856 (5.2450064)	108437 (21.2317049)
VII	122552 (0.1660971)			

**Legends:StartCharacterG-General,L-Ladies,EndCharacterH-HomeUniversity,O-OtherthanHomeUniversity,S-StateLevel
*MaharashtraStateSeats-CutOffIndicatesStateGeneralMeritNo.;FiguresinbracketIndicatesMHT-CET PCMPercentile**

111724210-ComputerScienceandEngineeringStatus:Un-Aided

HomeUniversitySeatsAllottedtoHomeUniversityCandidates

Stage	GOPENH	GSCH	LOPENH	LOBCH	PWDOPENH
I	59578 (65.5958943)	59647 (65.5958943)	30337 (83.4797216)	74895 (54.1664697)	
I-NonPWD					48035 (72.9031949)

OtherThanHomeUniversitySeatsAllottedtoOtherThanHomeUniversityCandidates

Stage	GOPENO	LSTO	LOBCO
I	72082 (56.5826603)		87580 (43.0138429)
VII		68351 (59.4192464)	

StateLevel

Stage	DEFOPENS	EWS
I		39228 (78.3504176)
I-Non Defence	55216 (68.5714285)	

111735610-ElectricalEngg[ElectronicsandPower]Status:Un-Aided

HomeUniversitySeatsAllottedtoHomeUniversityCandidates

Stage	GOPENH	GSTH	LOPENH
I	77358 (51.9313711)		94919 (35.9780390)
VII		80549 (49.4442605)	

Other ThanHomeUniversitySeatsAllottedtoOtherThanHomeUniversityCandidates

Stage	GOPENO
I	84459 (45.9884082)

StateLevel

Stage	EWS
I	93084 (38.5667023)

111761210-MechanicalEngineeringStatus:Un-Aided

HomeUniversitySeatsAllottedtoHomeUniversityCandidates

Stage	GOPENH	GNT2H	GOBCH	LOPENH
I	110050 (19.1072714)	118913 (6.7586339)		112796 (15.5460791)
VII			120259 (4.3556566)	

OtherThanHomeUniversitySeatsAllottedtoOtherThanHomeUniversityCandidates

Stage	GSCO
I	106256(23.4829494)

OtherThanHomeUniversitySeatsAllottedtoHomeUniversityCandidates

Stage	GOBCO
I	117605 (8.6023034)

StateLevel

Stage	DEFOPENS	EWS
I		93417 (38.1738800)
I-Non Defence	111640 (17.0051501)	

1117-95110 – Artificial Intelligence & Data Science Status– Un-aided

HomeUniversitySeatsAllottedtoHomeUniversityCandidates

Stage	GSCH	PWDOPENH
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I	63420 (63.0502380)	
I-Non		59093 (66.0248119)
PWD		

StateLevel

Stage	EWS
I	76882 (52.4476185)

iv. Display Marks scored in Test etc. and in Aggregate for all candidates who were admitted

Sr. No.	Application ID	Candidate Name	Qualifying Exam	HSC Total Percentage	Eligibility Percentage	CET Percentile	JEE Application No	JEE Percentile	Merit No	Merit Marks
1	EN23279923	ABDUL SALMAN ABDUL YUNUS	HSC	54.5	57.67	65.3263316			75232	65.32633 16
2	EN23161111	AGRAWAL AYUSH ANIL	HSC	51.5	57	18.4453326			11174 6	18.44533 26
3	EN23257393	AHMAD SAAD FAIZ	HSC	60.83	71.33	43.224841			11172 0	43.22484 1
4	EN23280298	ANDHARE GAURI DHANRAJ	HSC	79	84.67	21.5370732			11174 2	21.53707 32
5	EN23161689	BHALERAO VIKKI GANESH	HSC	67.5	56.33	17.5985227			13210 7	17.59852 27
6	EN23222194	BHAWARE PARAS SUBHASH	HSC	61.17	69.33	41.0926455			10924 9	41.09264 55
7	EN23248429	BICHKUNDVAR YOGESH RATNAKAR	HSC	50.92	45.67	39.9699925			13337 3	39.96999 25
8	EN23278679	CHANDEL RITESH RAJESH	HSC	68.5	78	6.6691673			11176 4	6.669167 3
9	EN23277313	CHAVHAN KABIR SANTOSH	HSC	56.67	67.67	0.521979	2.3031E+ 11	22.9 947 786	67911	22.99477 86
10	EN23147809	CHAVHAN KAVEREE MANOHAR	HSC	76.5	81.67	32.4663078			11848 9	32.46630 78
11	EN23210737	CHAVHAN PRATIKSHA KISHOR	HSC	42.83	45.33	30.5890703			12037 6	30.58907 03
12	EN23122785	CHAVHAN VISHAL BALU	HSC	60	60.67	24.0591998	2.3032E+ 11	19.3 310 904	69883	19.33109 04
13	EN23280585	DESHMUKH BHAKTI GAJANAN	HSC	57.5	52	49.6143282			98579	49.61432 82
14	EN23253130	DIVYA KAILAS RATHOD	HSC	71.67	81.33	60.8798115			82900	60.87981 15
15	EN23210160	FAISAL KHAN ANWAR KHAN	HSC	40.67	42	56.656397			89350	56.65639 7
16	EN23234504	GAWALE ABHISHEK GAJANAN	HSC	77.67	79.67	31.7228694			11930 9	31.72286 94
17	EN23242800	HARAVAT GOPAL VITTHAL	HSC	68.67	72.67	3.2168404			11176 8	3.216840 4
18	EN23236404	HELGAND SHWETA ANANT	HSC	67.33	66.33	27.6545345			12308 1	27.65453 45
19	EN23280460	JADHAO KAPIL	HSC	73.33	76.67	32.6609746			11821	32.66097

		SUDAM							8	46
20	EN23231574	JADHAV PUSHPA BABUSING	HSC	45.33	42	50.8083922			97143	50.80839 22
21	EN23126715	JADHAV ROHAN ARVIND	HSC	50.83	48.67	27.6545345			14211 0	27.65453 45
22	EN23277617	JAGTAP RANDHIR RAJENDRA	HSC	67.67	70	3.1878006			11176 9	3.187800 6
23	EN23271324	JUNED KHAN JAVED KHAN	HSC	53.5	53.33	24.8864926			11173 7	24.88649 26
24	EN23117772	KADAM ROSHANI GAJANAN	HSC	66.33	76.33	28.6046774			12231 8	28.60467 74
25	EN23276270	KAMBLE HARSHDIP KHUSHAL	HSC	61	66.67	16.2430441			13265 6	16.24304 41
26	EN23279325	LIMBAKAR PALLAVI KERABA	HSC	47.5	44.33	56.656397			89428	56.65639 7
27	EN23273936	MASKE ANIRUDDHA MADHAVRAO	HSC	54.5	58.67	44.476613			10507 2	44.47661 3
28	EN23149616	MOHAMMAD JAWWAD KHAN ASADULLAH KHAN	HSC	68.83	71	38.8357386	2.3032E+ 11	5.06 124 41	11278 1	38.83573 86
29	EN23258009	MOHAMMAD SAAD MOHAMMAD RIYAZ	HSC	54.33	61	42.4233825			10842 6	42.42338 25
30	EN23249083	MOHD REHAN SIKANDAR AHMAD	HSC	44	44.67	38.992574			11192 1	38.99257 4
31	EN23189985	NAIK ROHIT CHANDRASHEKHAR	HSC	75.5	81.67	47.6387427			10088 3	47.63874 27
32	EN23265729	PADME OM BABURAO	HSC	63.83	62.67	36.6068088			11388 0	36.60680 88
33	EN23153718	PAWAR BHUMIKA SATISH	HSC	72.83	84.67	61.4332053	2.30311E +11	48.8 760 73	81264	61.43320 53
34	EN23205593	PAWAR JIVAN SANJAY	HSC	64.83	71.33	49.6143282			98447	49.61432 82
35	EN23181896	PAWAR OM ARVIND	HSC	54.5	46	51.0567213			96442	51.05672 13
36	EN23257466	PAWAR VAIBHAV VIJAY	HSC	65.08	63.67	39.0377062			11172 3	39.03770 62
37	EN23154963	PRERANA MANOHAR RATHOD	HSC	48.67	46	44.0513989	2.30311E +11	26.8 120 004	10563 8	44.05139 89
38	EN23272671	PULATE RANI NARAYAN	HSC	61.17	52	37.6936381			11324 7	37.69363 81
39	EN23212144	RATHOD AYUSH ULHAS	HSC	57.67	60.67	29.3464077			12159 9	29.34640 77
40	EN23153283	RATHOD DARSHANA NITIN	HSC	66	62.67	36.3578395			11459 5	36.35783 95
41	EN23164337	RATHOD KARTHIK VASANTA	HSC	76.5	87	36.029881			11524 8	36.02988 1
42	EN23158060	RATHOD KARTIK ARUN	HSC	61.67	60	30.5890703			12042 4	30.58907 03
43	EN23237960	RATHOD KOMAL SANTOSH	HSC	76.67	86.67	42.9215913			10741 8	42.92159 13
44	EN23224479	RATHOD MANOJ VASANTA	HSC	73.5	76.67	9.6791335			11175 9	9.679133 5
45	EN23280453	RATHOD NANDINI SUBHASH	HSC	68.83	71	19.1048437			11174 4	19.10484 37
46	EN23189953	RATHOD NILESH ANIL	HSC	62	69.67	5.1178451	2.30311E +11	18.9 209 121	70171	18.92091 21
47	EN23296299	RATHOD PALLAVI SHAILESH	HSC	44.67	43.33	27.6545345			11173 4	27.65453 45

48	EN23206892	RATHOD RITESH ROHIDAS	HSC	54.17	56.33	44.6898706	2.3032E+ 11	17.6 183 375	10483 1	44.68987 06
49	EN23205472	RATHOD SHUBHAM GAJANAN	HSC	60.5	63.67	32.3660798			11880 5	32.36607 98
50	EN23207455	RATHOD SUJIT BRIJILAL	HSC	54.83	63	23.8907594	2.3032E+ 11	5.30 710 15	75564	5.307101 5
51	EN23159570	RATHOD SWATI SOHAN	HSC	59	55	13.6087239	2.3031E+ 11	31.5 324 946	62752	31.53249 46
52	EN23207319	RATHOD VIDYA SUBHASH	HSC	82.5	84.67	46.4499379			10271 7	46.44993 79
53	EN23248621	SHEJUL AKSHAY ASHRU	HSC	81.5	88.33	13.5034179			13487 1	13.50341 79
54	EN23179597	SHINDE PRITI RAMESH	HSC	60	69.33	32.3095051			11915 0	32.30950 51
55	EN23266901	SHINGNE SHRIKRUSHNA SANJAY	HSC	71	74.67	13.3162279			11175 3	13.31622 79
56	EN23279791	SONTAKKE SAKSHI PRAMOD	HSC	55.67	58.67	36.1619626			11482 2	36.16196 26
57	EN23119495	THAKARE PRATIK GANESH	HSC	80.33	84.33	49.4761567			99418	49.47615 67
58	EN23248010	THOKE GAYATRI KAILAS	HSC	48.83	45.33	45.9472716	2.3031E+ 11	31.0 939 268	10372 2	45.94727 16
59	EN23236264	VAGALE GANGASAGAR RAJU	HSC	67.17	64.67	26.9098391			11173 5	26.90983 91
60	EN23215875	GUDIKANDULA PAWAN SHIVA	HSC	49.67	53.67	58.0840122			87292	58.08401 22
61	EN23159849	RATHOD ROSHNI BABAN	HSC	62.83	62	58.5474069			86375	58.54740 69
62	EN23209794	TANVEER KHAN TAJ KHAN	HSC	65	67.33	59.9249812			83568	59.92498 12
63	EN23150901	ADE GOKUL ANIL	HSC	84.83	90	21.9114832			11174 1	21.91148 32
64	EN23162984	AGRAWAL VEDANT PANKAJ	HSC	68.5	64.33	56.7366842	2.3032E+ 11	14.4 855 435	88907	56.73668 42
65	EN23190882	AKHADKAR PRIYA GANESH	HSC	59	52.33	76.7173434			54297	76.71734 34
66	EN23166020	AKHARE SHREYANTI VILASRAO	HSC	74	80.33	62.3996115			80148	62.39961 15
67	EN23219504	BAIS MAYURI DIPAKRAO	HSC	74.83	71	83.3890161			39778	83.38901 61
68	EN23203838	BEHERE SARTHAK SUJIT	HSC	55.33	51.33	52.2415622			95876	52.24156 22
69	EN23198601	BHAGWATKAR DIVYESH DHANANJAY	HSC	67.33	59.83	39.9251777	2.30311E +11	42.8 598 624	11024 7	39.92517 77
70	EN23243441	BHALEKAR DIVYA RAJESH	HSC	49.17	43	61.4332053			81573	61.43320 53
71	EN23274036	BHUSARE SHRIKANT AVDHUT	HSC	54.67	57	67.1534217			71942	67.15342 17
72	EN23233651	BODKHE SHWETA SHARAD	HSC	56.5	49.67	20.3198986			11174 3	20.31989 86
73	EN23237198	BORKUT VISHAL GOPAL	HSC	50.5	46.33	66.3914919			73719	66.39149 19
74	EN23139490	CHANDAK SALONI MOHANLAL	HSC	48.67	45.67	79.7807688			47851	79.78076 88

75	EN23173863	CHANDALIYA BHARGAVI PRAVIN	HSC	76.33	76.67	61.4332053	2.30311E+ +11	61.2 647 383	81484	61.43320 53
76	EN23123979	CHAVHAN GAURAV KAILASH	HSC	61.33	75.67	69.6924231			67302	69.69242 31
77	EN23296716	CHAVHAN PRASHANT RAM	HSC	58.17	58	66.6716379			11170 6	66.67163 79
78	EN23225296	CHAVHAN PRITI SUBHASH	HSC	78.83	86.67	6.5686569	2.3031E+ 11	67.0 698 277	31312	67.06982 77
79	EN23267281	CHAVHAN SANGITA RAMESH	HSC	77.17	80.67	66.3914919			73978	66.39149 19
80	EN23208671	CHAVHAN SUJATA RAMESH	HSC	56	52.67	69.7774101			67111	69.77741 01
81	EN23211718	CHAVHAN VAISHNAVI UMESH	HSC	78.83	83.33	87.6984872			29988	87.69848 72
82	EN23247590	CHIRMADE DIPALI SUBHASH	HSC	62.17	68.67	37.6936381			11320 4	37.69363 81
83	EN23295889	CHOPADE SHWETA GAJANAN	HSC	46	41	79.7807688			11170 4	79.78076 88
84	EN23128312	DARVHEKAR RUTUJA BRAMHANAND	HSC	62.83	65.33	68.9337823			69446	68.93378 23
85	EN23179823	DESHMUKH ADITYA PRAVIN	HSC	70.17	73.33	61.2935921	2.3031E+ 11	53.0 358 015	45234	53.03580 15
86	EN23132257	DESHPANDE SHIVAM MUKUND	HSC	53	56.67	46.1690466	2.30311E +11	69.4 479 55	28747	69.44795 5
87	EN23157192	DHABADGE AVANTIKA SHIVAJI	HSC	54.5	52	55.7163295			90498	55.71632 95
88	EN23125236	DHABE ANJALI GANESH	HSC	56.5	49.33	43.5071268			10617 9	43.50712 68
89	EN23234263	DHAGE BALAJI DILIP	HSC	60.67	52.67	31.7228694			11948 8	31.72286 94
90	EN23266623	DHOLE AMRUTA LAHU	HSC	63.33	65.67	17.8500207			13163 7	17.85002 07
91	EN23203682	DHULDHULE SANCHI ANILKUMAR	HSC	83.5	86.33	37.6936381	2.3032E+ 11	57.7 880 08	40856	57.78800 8
92	EN23103812	DUDHE YOGESH NARENDRAKUMAR	HSC	85.67	91.33	68.401414			70239	68.40141 4
93	EN23185594	GADEWAR NISHANT KAILAS	HSC	50	42	81.1192722	2.3032E+ 11	42.5 054 423	11170 3	81.11927 22
94	EN23200389	GIRI RUTUJA DATTARAO	HSC	76.5	70	71.1698646			65438	71.16986 46
95	EN23230589	GUJARE RAJESHWARI HITESH	HSC	86	90.67	65.9622938			74538	65.96229 38
96	EN23238630	HELGAND MINAKSHI NANDKUMAR	HSC	66.67	66.33	73.642653			59840	73.64265 3
97	EN23120931	HIWALE SAURAV RAJENDRA	HSC	69.17	60	41.1609401	2.3031E+ 11	57.8 070 15	40778	57.80701 5
98	EN23156599	INGOLE ANKUSH SACHIN	HSC	65	72	74.1356658			59132	74.13566 58
99	EN23240789	IRFAN KHAN FIROZ KHAN	HSC	54.5	54.67	11.7198075			11175 8	11.71980 75
100	EN23162735	JADHAO PRATHAM SANJAY	HSC	68.33	65	64.0952985			77499	64.09529 85
101	EN23186377	JAIN PRAJWAL UTTAMRAO	HSC	64.67	73.67	43.6615489	2.3031E+ 11	60.8 929 614	37559	60.89296 14

102	EN23184220	JAISSAL KSHITIIJA SUBHASH	HSC	68.33	74.33	74.8671904			58257	74.86719 04
103	EN23234439	JAMBHULKAR NILIMA UKANDA	HSC	59	57.67	61.6397637			11170 8	61.63976 37
104	EN23154059	JAMKAR SOHAM SANTOSH	HSC	67.5	74.33	67.1534217			71957	67.15342 17
105	EN23156063	JOGI VAISHNAVI PRAFUL	HSC	67.5	63.67	40.6521983			10985 4	40.65219 83
106	EN23277175	KABALE ABHISHEK RAMRAO	HSC	62	64.33	26.2033481			12428 4	26.20334 81
107	EN23201828	KAKPURE ASHUTOSH SANTOSH	HSC	82.83	87.33	43.6615489			11171 9	43.66154 89
108	EN23195186	KALE GOPAL BANDU	HSC	60.83	58.67	74.1356658			59182	74.13566 58
109	EN23189385	KALE RUTUJA RAJESH	HSC	55.67	45.67	50.2663166			11171 4	50.26631 66
110	EN23205802	KALUDONKAR VAISHNAVI GAJANAN	HSC	55.5	43.67	59.6839864			84736	59.68398 64
111	EN23210322	KAMBLE GAURAV SANTOSH	HSC	45.67	47	57.7272051			87677	57.72720 51
112	EN23164753	KARLE SAKSHI SHRIKANT	HSC	70.5	67.33	33.2472877			11173 0	33.24728 77
113	EN23198544	KEJGIR SAI SHRINIWAS	HSC	82.67	88.33	44.476613	2.3031E+ 11	75.1 421 76	23022	75.14217 6
114	EN23151155	KHARAT VANSI BALU	HSC	58.5	68.33	49.4761567	2.30311E +11	61.0 371 128	99136	49.47615 67
115	EN23181177	KINALKAR PRIYANKA JAYAWANTRAO	HSC	64.31	58.33	64.4805659			76130	64.48056 59
116	EN23229647	KOTHEKAR TEJASWINI DATTA	HSC	57.67	57.67	50.2663166			11171 5	50.26631 66
117	EN23233349	MAGAR SHRUTI NITIN	HSC	80.83	86.33	27.3241113	2.3031E+ 11	55.5 756 917	42713	55.57569 17
118	EN23162792	MAGAR SUMIT BALKANTA	HSC	62.83	68.67	36.029881	2.30311E +11	60.8 208 155	37643	60.82081 55
119	EN23265836	MANDADE VALLABH SANDIP	HSC	67.83	70	63.973064			11170 7	63.97306 4
120	EN23197827	MASKE ADARSH SANTOSH	HSC	65	66.33	75.1725431			56890	75.17254 31
121	EN23162200	MASKE TEJES KUBIRRAO	HSC	61.67	64.33	64.2666767			76899	64.26667 67
122	EN23227366	MATTE HIMANSHU PRADIP	HSC	59.17	52.5	53.1660451			93833	53.16604 51
123	EN23187193	MODAK AARTI SHIVRAM	HSC	63.17	55.67	56.7366842			89055	56.73668 42
124	EN23160650	MOHAMMAD MUSAIB MOHAMMAD AKRAM	HSC	65.67	66.33	74.0797795			59403	74.07977 95
125	EN23248087	MORE SAMIKSHA SANDIP	HSC	67	66.33	73.2522683			61338	73.25226 83
126	EN23249230	MORE VAISHNAVI SANJAY	HSC	64	67	1.5528651			11177 1	1.552865 1
127	EN23206996	MUKHARE AISHWARYA LAXMAN	HSC	75.67	73.33	83.375844			39912	83.37584 4
128	EN23163481	MUKHARE SHIVANI SANTOSH	HSC	70.67	67.33	83.2892137	2.3031E+ 11	41.6 058 709	40299	83.28921 37
129	EN23201571	MUSALE VAIBHAV JAYRAM	HSC	73.67	74.33	44.0513989			10540 8	44.05139 89

130	EN23240276	MUZAMMIL AHEMAD KHAN AQUEEL KHAN	HSC	70	74.33	4.1972993			11176 7	4.197299 3
131	EN23275845	NAGARE APURVA MAROTI	HSC	90.83	92	46.4499379			10292 8	46.44993 79
132	EN23262973	NAGE RATAN SANTOSH	HSC	69.5	71.67	71.6354089			63974	71.63540 89
133	EN23245542	NARNAWARE ANUSHRI VIJAY	HSC	63.5	62.67	59.8623853	2.3032E+ 11	65.3 927 869	32906	65.39278 69
134	EN23240481	NARWADE SHIVAM SANTOSH	HSC	66.67	66	62.3996115			11171 0	62.39961 15
135	EN23245083	PAIKRAO PRITESH GAJANAN	HSC	58.67	49.67	43.224841			10679 0	43.22484 1
136	EN23244483	PAITHANKAR SHRUTI GAJANAN	HSC	64.17	56.33	60.750409			83186	60.75040 9
137	EN23204576	PALIKONDAWAR CHAITALI PRAMOD	HSC	66.67	60.33	15.6886806			11174 8	15.68868 06
138	EN23271059	PATHAN RIYA SADULLAKHAN	HSC	73.5	79	47.6387427			11171 7	47.63874 27
139	EN23134653	PATIL SRUSHTI GAJANAN	HSC	54	44	65.107535			75686	65.10753 5
140	EN23148009	PAWAR ARTI MANSING	HSC	51.33	53.67	67.3938217			11170 5	67.39382 17
141	EN23270400	PAWAR NEHA ATMARAM	HSC	49.17	44	79.7807688			47658	79.78076 88
142	EN23125134	PAWAR NEHA SUBHASHRAO	HSC	52.5	42	42.2969628			11172 1	42.29696 28
143	EN23272877	PAWAR SAHIL VIKAS	HSC	63.17	74.33	81.1192722			44555	81.11927 22
144	EN23222754	PESHAWA TANVI SANTOSH	HSC	67.5	67	61.432847			81850	61.43284 7
145	EN23234188	PINJARKAR TRUPTI PRALHAD	HSC	55	51.33	50.6107355			97486	50.61073 55
146	EN23156171	PRATHMESH DESHMUKH	HSC	84.6	80.33	75.867353	2.30311E +11	66.4 102 192	56066	75.86735 3
147	EN23190690	PULATE ABHAY KAPIL	HSC	49	43.33	64.2666767			76923	64.26667 67
148	EN23256333	PUNDE SHRAVANI GAJANAN	HSC	60	62.67		2.30311E +11	80.6 549 008	11177 2	80.65490 08
149	EN23273787	RAHUL SANTOSH BOMBLE	HSC	52.4	50.33		2.30311E +11	61.2 647 383	36971	61.26473 83
150	EN23243794	RANKHAMB DIPAK MAROTI	HSC	42.33	40	68.401414			70100	68.40141 4
151	EN23158762	RATHOD ASHISH RAMESHWAR	HSC	64	68.33	71.0587355			65637	71.05873 55
152	EN23161555	RATHOD DARSHANA SHESHRAO	HSC	63.5	70.67	7.9296955	2.3031E+ 11	47.4 044 541	13861 1	7.929695 5
153	EN23241575	RATHOD HARSHAD DEVIDAS	HSC	50.5	48.67	73.642653	2.3031E+ 11	12.8 070 705	59880	73.64265 3
154	EN23131387	RATHOD HEMANT PANJABRAO	HSC	62.5	55.33	95.138138			12363	95.13813 8
155	EN23272983	RATHOD JANHAVI DILIP	HSC	62.67	56.67	73.1851907			61573	73.18519 07
156	EN23254292	RATHOD JAY SUNIL	HSC	79.17	84	80.7328826			45801	80.73288 26
157	EN23242435	RATHOD JAYKUMAR SANTOSH	HSC	78.17	83.67	14.5915161			11175 1	14.59151 61

158	EN23181905	RATHOD LALIT UTTAM	HSC	69.83	71.33	65.3263316			75190	65.32633 16
159	EN23241983	RATHOD PRATIKSHA BABARAO	HSC	51	45.33	77.9969992			51901	77.99699 92
160	EN23274589	RATHOD ROHAN SANTOSH	HSC	51.33	58	78.4065273			50450	78.40652 73
161	EN23213997	RATHOD SANKET RAMESH	HSC	68.5	72	79.7413145			47981	79.74131 45
162	EN23152572	RATHOD SHAM MADHUKAR	HSC	60	64.67	63.6508999			78389	63.65089 99
163	EN23208716	RATHOD UDDHAV DEVIDAS	HSC	58	55.33	71.1698646			65280	71.16986 46
164	EN23239403	RATHOD VED MANISH	HSC	60.67	70.67	4.2487592	2.3031E+ 11	77.8 073 108	20273	77.80731 08
165	EN23166675	RATHOD VIPUL YUVRAJ	HSC	84.5	83.33	60.9799222	2.3032E+ 11	72.9 454 479	25321	72.94544 79
166	EN23180827	RAUT AJINKYA RAJU	HSC	53.83	49.67	75.0737739			58074	75.07377 39
167	EN23163832	RAUT GOPAL SANTOSH	HSC	67.83	73.67	43.1162283	2.3031E+ 11	81.3 969 98	16654	81.39699 8
168	EN23203396	RITHE ABHAY SHANTARAM	HSC	73.67	81.33	53.6496624			93442	53.64966 24
169	EN23195280	SANATAKKE TANUJA SITARAM	HSC	51	48.67	51.4762755			11171 1	51.47627 55
170	EN23102437	SANGEWAR NEHA SANTOSH	HSC	52.83	41.67	64.0952985	2.3031E+ 11	54.1 718 06	77309	64.09529 85
171	EN23131178	SARKATE MAYURI VISHNU	HSC	56.83	44.67	59.9249812	2.3032E+ 11	26.2 733 636	83572	59.92498 12
172	EN23171996	SASTE KARTIK NANA	HSC	85.33	89.33	40.6521983	2.3031E+ 11	57.3 415 683	41130	57.34156 83
173	EN23206065	SHAIKH NAVED SHAIKH RAFIQUE	HSC	50.67	51.33	62.7898492			79284	62.78984 92
174	EN23189163	SHEJE BHAGYAWAN BHIMRAO	HSC	53.33	46.33	53.6496624			93236	53.64966 24
175	EN23179180	SHENDRE OM DEVENDRA	HSC	74	80	55.8997381	2.30311E +11	54.7 484 423	43559	54.74844 23
176	EN23120197	SHIRGIRE SAMRUDDHI GAJANAN	HSC	78.33	85.33	78.4065273			50409	78.40652 73
177	EN23108258	SURYAVANSHI ADITYA VISHVAMBHAR	HSC	52.67	45.83	62.3996115			80430	62.39961 15
178	EN23179431	TAGALPALLEWAR SHREYA GAJANAN	HSC	58.33	52.17	7.6246225	2.3032E+ 11	16.6 668 89	11176 3	7.624622 5
179	EN23212458	TELANGE RITESH GAJANAN	HSC	49.83	45	61.4332053	2.3032E+ 11	43.8 176 616	81453	61.43320 53
180	EN23155927	THAKARE DHIRAJ HIRARAM	HSC	66.5	65.33	60.8798115	2.3031E+ 11	28.8 402 028	83060	60.87981 15
181	EN23186818	UTTARWAR YASH ATUL	HSC	67.17	64.33	36.1619626			11172 7	36.16196 26
182	EN23158630	VAISHNAVI SANDIP JADHAV	HSC	85.67	90	81.0090469			45210	81.00904 69

183	EN23262017	VILAYATE AJAY HARI	HSC	54	49	77.4241933			52413	77.42419 33
184	EN23185941	VYAWAHARE SANSKRUTI SACHINRAO	HSC	51.83	46	46.1690466			11177 3	46.16904 66
185	EN23192716	WADHONKAR SAHIL GAJANAN	HSC	59.33	61.33	2.6770943	2.3031E+ 11	73.0 633 047	25172	73.06330 47
186	EN23208995	WAIKAR KALYANI NARENDRA	HSC	80.33	83.67	76.9213416	2.3031E+ 11	54.3 482 009	53186	76.92134 16
187	EN23191351	WANKHEDE VISHAL VITTHALRAO	HSC	59	63.33	63.6910141			78156	63.69101 41
188	EN23193824	WAWRE SHIVAM ANIL	HSC	68.67	74	49.2213366	2.30311E +11	56.3 164 708	42088	56.31647 08
189	EN23138012	YENCHALWAR MONALI SUNIL	HSC	76.33	74.67	69.6572694			67533	69.65726 94
190	EN23265559	DAU BHUMIKA SACHIN	HSC	84.17	89	86.1668982			33447	86.16689 82
191	EN23233715	JADHAV VINAYAK RAMESH	HSC	75.83	83	87.2266503			30937	87.22665 03
192	EN23225759	JAISWAL KHUSHI SUNIL	HSC	64.5	67.67	89.1600241	2.3031E+ 11	53.3 561 776	26637	89.16002 41
193	EN23159007	MUKKAWAR RENU SANJAY	HSC	75.33	72	88.0771545			29134	88.07715 45
194	EN23151464	SAYYAD PARVEJ SAYYAD RIYAJ	HSC	77.67	86.67	88.0771545	2.3032E+ 11	71.8 469 298	29180	88.07715 45
195	EN23139284	SYED VASIKA NAMRA AIJAZ	HSC	76.5	85.67	87.7770341			29782	87.77703 41
196	EN23183536	ADE ANJALI RAMSING	HSC	65.83	62	59.8623853			84610	59.86238 53
197	EN23187308	BELKHEDE RANI GAJANAN	HSC	61	63	49.4761567			99337	49.47615 67
198	EN23244041	CHAVAN RAMESHWAR SHALIKRAM	HSC	75.5	81.33	58.1195238			86866	58.11952 38
199	EN23224631	CHIRDE SHREYA PRADIP	HSC	67.5	64	50.8083922			97096	50.80839 22
200	EN23270904	DAKHORE OMKAR DAGADU	HSC	67.67	65.33	45.6445719			10455 6	45.64457 19
201	EN23186689	DHULDHULE SHRUTI MILIND	HSC	76.17	74.67	32.6609746			11821 0	32.66097 46
202	EN23202205	GAVHANKAR SAKSHI SHESHRAO	HSC	73.67	85	54.6979992			91736	54.69799 92
203	EN23235486	GORE PRADNYA BALIRAM	HSC	69.83	74	41.0926455			10954 5	41.09264 55
204	EN23247516	HANWATE ANUP VIJAY	HSC	78.17	84.67	35.1726957			11607 9	35.17269 57
205	EN23252059	JADHAO MOHINI SHAILESH	HSC	73	71.33	46.1690466			10330 7	46.16904 66
206	EN23189107	JADHAO PAYAL SUNIL	HSC	50.17	43		2.30311E +11	31.7 417 74	62447	31.74177 4
207	EN23230984	JADHAO RATNA PANDIT	HSC	77	83.33	50.8083922			96873	50.80839 22
208	EN23160465	JADHAO ROHAN VISHOK	HSC	49.33	45.67	64.0952985			77583	64.09529 85
209	EN23277537	JADHAO RUTURAJ KISHOR	HSC	46.67	51	18.8110994			11174 5	18.81109 94

210	EN23248857	JATALE SAURABH GANPAT	HSC	57.67	61.33	52.5521047			95164	52.55210 47
211	EN23274247	KALE ISHWARI DEVRAO	HSC	54.83	57.67	28.923802			12212 4	28.92380 2
212	EN23258294	MANAVATAKAR SACHIN BALU	HSC	50.17	48	46.1690466			10312 6	46.16904 66
213	EN23234965	MANDADE KARTIK GAJANAN	HSC	64.67	69.67	39.0377062	2.3031E+ 11	33.6 219 024	11172 4	39.03770 62
214	EN23190874	MASKE YOGESH ANKUSH	HSC	62.17	56.33	3.1878006	2.3031E+ 11	33.9 441 177	60924	33.94411 77
215	EN23270929	PANDE PRACHI ULHAS	HSC	70.33	79.33	46.1690466	2.3031E+ 11	26.0 483 686	10321 4	46.16904 66
216	EN23165336	PAWAR KAMAL MANOHAR	HSC	75.83	80.67	49.4761567			11171 6	49.47615 67
217	EN23180497	PAWAR MOHINI SANTOSH	HSC	77.5	79.33	33.8201786	2.3031E+ 11	33.7 340 887	61067	33.73408 87
218	EN23275266	PAWAR OM DARASING	HSC	73.83	79.33	15.0249499			11177 7	15.02494 99
219	EN23189980	RATHOD KARAN DILIP	HSC	54	52.33	37.1297299			11177 8	37.12972 99
220	EN23202844	RATHOD SAKSHI RAJESH	HSC	40.83	39.67	46.8567142			10221 3	46.85671 42
221	EN23156957	RATHOD SAKSHI VINOD	HSC	81.5	89	61.2935921			11179	61.29359 21
222	EN23298067	RATHOD TANVI DEVIDAS	HSC	61.5	55.33	18.8110994			11177 9	18.81109 94
223	EN23270396	RUMALE ANIKET GANESH	HSC	57.83	59.67	24.5412844			11173 8	24.54128 44
224	EN23245389	SATALE SHRUTI PRAKASH	HSC	61.33	59	32.4663078			11173 1	32.46630 78
225	EN23255379	SHINDE UTKARSHA UDDHAV	HSC	39.5	39.67	42.5955447			10767 3	42.59554 47
226	EN23237726	THAKARE HARSHADA GANESH	HSC	80.83	81	49.5548073			99012	49.55480 73
227	EN23100861	THAKARE OM GAJANAN	HSC	44.83	41.67	9.188396	2.3031E+ 11	35.1 284 913	60099	35.12849 13
228	EN23216534	BURSE MANASVI SATYENDRA	HSC	59	57.33	66.9527897			72453	66.95278 97
229	EN23266000	DAU ADITYA ARVIND	HSC	52.5	54	69.2172491			68593	69.21724 91
230	EN23205453	ABALE GAYATRI KAPIL	HSC	53.17	49.67	24.5412844			12587 0	24.54128 44
231	EN23209694	ADE PAVAN VIJAY	HSC	61	65.67	47.387098			10127 3	47.38709 8
232	EN23162595	ARGULWAR PRUTHVI SANTOSH	HSC	53.5	45.67	12.8630551	2.3032E+ 11	30.9 937 798	62989	30.99377 98
233	EN23182585	ARKAD KEDAR AVINASH	HSC	45.83	43.67	14.5915161			11175 0	14.59151 61
234	EN23264612	ASOLE SHUBHANGI SHIVAJI	HSC	63.5	72	26.775031			12391 1	26.77503 1
235	EN23225171	BANKAR BHUSHAN BANDU	HSC	59.17	55.67	13.6087239			11175 2	13.60872 39
236	EN23267844	CHANEKAR PRATHAMESH SUJITKUMAR	HSC	62.17	59	55.4490884			90667	55.44908 84

237	EN23246375	CHAVHAN CHETAN RAJESH	HSC	64.67	64.33	38.9045575			11222 3	38.90455 75
238	EN23149140	CHAVHAN GOPAL GANESH	HSC	52.33	51.33	37.6936381			11341 2	37.69363 81
239	EN23267725	CHAVHAN JAYA SANTOSH	HSC	58.17	61.67	15.931529	2.30311E +11	18.8 224 653	70213	18.82246 53
240	EN23232063	CHAVHAN KETAKI PRAKASH	HSC	59.17	63.33	27.3241113			12341 7	27.32411 13
241	EN23224868	CHAVHAN MRUNAL NANDUSING	HSC	52.17	61	53.6496624			93230	53.64966 24
242	EN23296720	CHAVHAN RAHUL LAXMAN	HSC	51.33	52.33	15.9127414			11174 7	15.91274 14
243	EN23274592	CHAVHAN ROHIT NILKANTHRAO	HSC	50.5	48.33	46.1690466			10318 8	46.16904 66
244	EN23106838	CHAVHAN TUSHAR MADHUKAR	HSC	69.83	71.67	38.9045575			11228 4	38.90455 75
245	EN23266846	DESHMUKH KIRTI GANESH	HSC	81	83.67	33.2472877			11172 9	33.24728 77
246	EN23292804	GHENEKAR VANSH SUSHIL	HSC	51.17	50.33	28.923802			11173 3	28.92380 2
247	EN23237618	JADHAO SHRUTI ARUN	HSC	66.17	73	37.7324111			11299 4	37.73241 11
248	EN23189957	JADHAO SALONI SANTOSH	HSC	55.17	45.67	24.1305891			12629 2	24.13058 91
249	EN23189365	JADHAV BHAGYASHRI AJAY	HSC	50.17	47.33	23.2280676			12721 8	23.22806 76
250	EN23166542	JADHAV SAKSHI ANIL JAISWAL AVISHKAR SANTOSH	HSC	77.5	86.33	26.2033481	2.3032E+ 11	17.6 183 375	70883	17.61833 75
251	EN23270067	JADHAV SAKSHI ANIL JAISWAL AVISHKAR SANTOSH	HSC	75.67	81	22.6551453			12779 9	22.65514 53
252	EN23295259	KAMBLE SAKSHI VILAS KAWADE PRAYAS	HSC	55	54	13.224841			11175 4	13.22484 1
253	EN23209187	KAWADE PRAYAS PRASAD	HSC	48.83	52.67	54.6296296			92156	54.62962 96
254	EN23246872	KHILLARE DHIRAJ AMBADAS	HSC	58.17	65.33	18.8110994			13080 4	18.81109 94
255	EN23209633	KULDIPKE PRASHIK BABAN	HSC	71.83	74.33	31.6482893			11968 0	31.64828 93
256	EN23279128	MANE PAYAL AVADHUT	HSC	55.33	62.67	39.9699925			10997 5	39.96999 25
257	EN23209885	MATE RUSHIKESH DAYAL	HSC	63.5	54.33	29.3464077			12154 9	29.34640 77
258	EN23218270	MEHETRE AKSHAY NARENDRA	HSC	56.5	62	11.0960605			13692 7	11.09606 05
259	EN23254858	MODAK SURAJ PANDURANG	HSC	65	70	32.6609746			13884 4	32.66097 46
260	EN23161561	MORE SUHANI DATTARAO	HSC	53.67	52.67	65.0367935			75837	65.03679 35
261	EN23239465	MORE VAIBHAV DEVIDAS	HSC	72.83	79	13.224841			11175 5	13.22484 1
262	EN23156109	PAIKRAO CHANCHAL VIJAY	HSC	72.33	74	5.003542			14056 0	5.003542
263	EN23185184	PAIKRAO RUPESH RAJU	HSC	65.17	66.33	43.5071268			10620 1	43.50712 68
264	EN23192922	PANDE ABHIJEET MANISH	HSC	62.5	68	13.3188183	2.30311E +11	22.1 722 771	68501	22.17227 71
265	EN23296466	PANDE PRATHMESH VINAY	HSC	49.67	44	5.0275175			11176 6	5.027517 5

266	EN23207206	PATANGE ONKAR DNYANESHWAR	HSC	80.33	83.67	36.6068088	2.3031E+ 11	53.4 791 724	11172 6	36.60680 88
267	EN23183454	PAUL SHREYASH SANTOSHAO	HSC	68.17	71.67	20.5666554	2.30311E +11	78.1 639 224	19948	78.16392 24
268	EN23265977	PAWAR ANJALI SANJAY	HSC	56.67	65.33	2.0804593			11177 0	2.080459 3
269	EN23123407	PRAFULL SANJAY TAJANE	HSC	72.8	72.67	20.3198986	2.30311E +11	21.7 989 986	12971 7	20.31989 86
270	EN23207085	PULATE SWARTHIK GOVIND	HSC	61.17	56.67	12.1380345			11175 7	12.13803 45
271	EN23127077	RATHOD NIHALSING CHARANSING	HSC	79.33	79.67	42.9215913			10722 9	42.92159 13
272	EN23236562	RATHOD SANSKRUTI SANJAY	HSC	52.5	48	27.3241113			12333 4	27.32411 13
273	EN23176800	RATHOD SAWAN KAILAS	HSC	56.5	58.67	63.6508999			78632	63.65089 99
274	EN23274345	RATHOD SAYALI CHANDAN	HSC	45	42	26.0127532			12482 6	26.01275 32
275	EN23255469	RAYPURE RAM SHANKAR	HSC	51.83	53.33	8.1440818			11176 1	8.144081 8
276	EN23241412	SARKATE OMSAI GAJANAN	HSC	64	70.67	24.5412844			12596 6	24.54128 44
277	EN23244718	SAWLE CHAITANYA SANTOSH	HSC	55	58.33	39.4392454			11140 8	39.43924 54
278	EN23248775	THAKARE ANKITA GAJANAN	HSC	73.83	79	37.6936381			11309 3	37.69363 81
279	EN23147277	THAKARE SHRITEJ GAJANAN	HSC	58.67	57	34.1818319			13784 2	34.18183 19
280	EN23267875	TONDARE SAKSHI DHANANJAY	HSC	55	47.33	15.1933187			13382 8	15.19331 87
281	EN23232963	TUNGAR VIVEK RAJESH	HSC	59.33	62.67	42.2969628			11172 2	42.29696 28
282	EN23160555	WADHAWE KANISHKA SANJAY	HSC	40.5	42	22.0314735			12795 6	22.03147 35
283	EN23194054	WANKHADE DIVYA OMKAR	HSC	62	54.33	11.119036	2.3031E+ 11	10.7 421 316	13671 8	11.11903 6
284	EN23255158	WARNE DEVYANI NARAYAN	HSC	58.33	60	9.283282			11176 0	9.283282
285	EN23166067	YERAWAR ANIKET VINAYAK	HSC	84.33	88.33	30.9520229			11994 5	30.95202 29
286	EN23188133	JADHAO YASH VIJAY	HSC	58	60.33	32.3660798			11877 8	32.36607 98
287	EN23236512	MANKAR SUPESH SUDHAKAR	HSC	58.17	57	29.2444305			12177 0	29.24443 05
288	EN23152817	NITESH MILIND RATHOD	HSC	46.83	39.67	49.6513702			98153	49.65137 02
289	EN23163214	ADE GOPAL MANOJ	HSC	66.83	71.33	58.8704519	2.30311E +11	72.7 719 383	25439	72.77193 83
290	EN23294627	AJMIRE NIRJARA NITIN	HSC	78	84	7.7309237	2.3032E+ 11	14.5 431 757	11176 2	7.730923 7
291	EN23222708	BHENDE RUTUJA ARVIND	HSC	80.67	87.67	50.8083922			11171 2	50.80839 22
292	EN23197893	BIRADAR ANAND BHAGWAT	HSC	67	69	30.0860456	2.30311E +11	3.26 590 47	12078 6	30.08604 56

293	EN23276221	BOKHARE OMKAR DAYARAM	HSC	50.67	52	59.8623853			84451	59.8623853
294	EN23246241	CHAVHAN SHREYASH RAMESH	HSC	62.5	59.33	69.6572694			67682	69.6572694
295	EN23137174	CHAVHAN SRUSHTI DILIP	HSC	77	81.67	37.6936381			111725	37.6936381
296	EN23236971	DAHARE ANTARA VILAS	HSC	48.67	43.67	11.7198075			111774	11.7198075
297	EN23209273	DANDGE MINAL SUNIL	HSC	70.5	74	52.5521047			95117	52.5521047
298	EN23130074	DEBADWAR SAMRUDDHI SATISH	HSC	86	82	16.9363708			111775	16.9363708
299	EN23176799	DESHMUKH KEDAR AMRUTRAO	HSC	81.17	82.33	58.7429854	2.3032E+11	61.2647383	36977	61.2647383
300	EN23204691	DONGARE SHANTANU UMEDRAO	HSC	73.83	74.33	65.107535			75458	65.107535
301	EN23226221	GADGE YASHVANT ANANTRAO	HSC	48	46.33	67.711928			71196	67.711928
302	EN23207896	GANDHARE TEJAS ANIL	HSC	60	61.67	69.0354573			69147	69.0354573
303	EN23187541	GANGATRE PRATIKSHA AKASH	HSC	57.17	57.33	66.9527897			72418	66.9527897
304	EN23133938	GHODKE OMKAR UDHAVRAO	HSC	64	65	81.855593			43245	81.855593
305	EN23256463	GHULE SHWETA KESHAV	HSC	59.33	66	47.387098			101342	47.387098
306	EN23151427	GIRI PRANJAL SUNIL	HSC	58.17	52.83	10.7415831	2.3031E+11	50.0990619	47872	50.0990619
307	EN23129468	GOVINDWAR SHRAVAN PRAFUL	HSC	54.5	52.33	77.4193548			52690	77.4193548
308	EN23255211	HATWAR CHAITANYA RAJESH	HSC	53.17	53	29.4111028	2.30311E+11	21.5448833	121333	29.4111028
309	EN23160280	JADHAO RANA ANANT	HSC	63.83	55.5	24.0591998	2.30311E+11	34.8207339	111776	24.0591998
310	EN23164830	JADHAV ADITYA BABARAO	HSC	65.17	67	58.0840122			87595	58.0840122
311	EN23246925	JADHAV KARTIK DILIP	HSC	65	72.33	58.7124464			86058	58.7124464
312	EN23133849	JADHAV SUMIT GAJANAN	HSC	77.33	82.33	61.6397637			81057	61.6397637
313	EN23222814	KAKDE ROHAN GAJANAN	HSC	71	74.67	61.4332053			81255	61.4332053
314	EN23245988	KAMBLE NAGSEN PRASHANT	HSC	67.5	70.67		2.3032E+11	54.2766673	44148	54.2766673
315	EN23171739	KARANJEKAR PRASAD JIWAN	HSC	58.83	56.67	55.7163295			90517	55.7163295
316	EN23188337	KASTE OM DILIP	HSC	68.83	75		2.3031E+11	50.1823874	47804	50.1823874
317	EN23179249	KOLHE NANDINI UMAJI	HSC	58.5	53.83	52.7523799			93985	52.7523799
318	EN23245504	KOTURWAR SAURAV ANIL	HSC	73.33	75.67	58.0840122			87226	58.0840122
319	EN23296254	KSHIRSAGAR GAURI GAJANAN	HSC	73.83	80.67	50.8083922			111713	50.8083922
320	EN23202695	KURHEKAR PRAKTA BALU	HSC	76.5	77.67	49.6143282			98416	49.6143282

321	EN23185549	MAGAR SAYALI ABHAY	HSC	53	54.67	61.2935921			82334	61.29359 21
322	EN23104978	MAINDKAR JEET GAJANAN	HSC	63.17	55	42.2969628			10874 3	42.29696 28
323	EN23168003	METKAR NIKHIL GOPAL	HSC	53	51.17	67.3938217	2.30311E +11	51.4 011 219	71712	67.39382 17
324	EN23124597	MOHD AYYAN MOHD MAHMOOD	HSC	52	53	59.9156802			83958	59.91568 02
325	EN23225212	NEMAYATE YOGESHWARI GANESH	HSC	73.33	65.33	53.1660451			93846	53.16604 51
326	EN23164257	NIKITA VILAS SURYAWANSHI	HSC	68.83	78	39.9251777			11048 2	39.92517 77
327	EN23248566	PAITHANKAR ANUSHKA GAJANAN	HSC	74.83	78	23.5805396	2.30311E +11	55.2 518 957	43080	55.25189 57
328	EN23187289	PASHINE MONA JAWAHAR	HSC	54.17	52.67	30.0860456	2.30311E +11	18.7 743 306	12063 7	30.08604 56
329	EN23159474	PATANGE DINKAR RAMESHRAO	HSC	46.5	47.33	60.9799222			82472	60.97992 22
330	EN23131362	PATANGE KOMAL PANDIT	HSC	71.83	68.67	79.7413145	2.3031E+ 11	61.9 750 254	47990	79.74131 45
331	EN23203266	PATEKAR SHIVAM KRUSHNA	HSC	71.67	76.33	39.4392454			11147 7	39.43924 54
332	EN23133627	PATIL ABHIJEET DHANANJAY	HSC	56.83	60.67	10.7415831	2.30311E +11	50.4 557 657	47600	50.45576 57
333	EN23165649	PAUL ANJALI VIJAY	HSC	61.83	59.67	12.1380345	2.3032E+1 1	51.8 546 218	46365	51.85462 18
334	EN23268319	PAWAR AJIT DATTA	HSC	87.17	90.33	63.6508999			78653	63.65089 99
335	EN23237603	RAJPAL JANVI KAMLESH	HSC	52	48.83	60.750409			83273	60.75040 9
336	EN23241821	RATHOD BHUSHAN SAHEBRAO	HSC	74.33	75.17	58.5474069	2.3032E+ 11	15.9 987 869	86319	58.54740 69
337	EN23250849	RATHOD MAHESHWARI DIGAMBAR	HSC	62.33	52.33	62.7344336	2.3031E+ 11	46.3 075 85	79759	62.73443 36
338	EN23245844	RATHOD SAKSHI SHYAMSUNDAR	HSC	50.5	48	61.432847			81708	61.43284 7
339	EN23234272	RATHOD SANIKA BANDU	HSC	76.17	77	24.5412844			12586 4	24.54128 44
340	EN23102350	RATHOD SOMESH VIKAS	HSC	52	54.67	58.5474069	2.3032E+ 11	45.7 941 35	86235	58.54740 69
341	EN23172108	RAUT ANUJ VIJAYRAO	HSC	70.67	73	58.7124464			85928	58.71244 64
342	EN23228631	SAIRAJ JAYAWANT BAVASKAR	HSC	60.6	52	24.8864926	2.3031E+ 11	53.1 746 349	45016	53.17463 49
343	EN23114537	SHITAL SUBHASH CHAVHAN	HSC	50.5	45	61.432847			81700	61.43284 7
344	EN23115185	SHREYA RAGHU BHAGAT	HSC	83.5	80.67	44.476613			10518 5	44.47661 3
345	EN23225387	TAYADE KOMAL RAVINDRA	HSC	75.83	77.33	74.1356658			59141	74.13566 58

346	EN23146098	TAYADE PRANAV SHUDDHODHAN	HSC	61.17	65.33	49.5548073			98919	49.55480 73
347	EN23267254	THAKARE SNEHA DATTARAO	HSC	63.83	56.33	56.982253			88230	56.98225 3
348	EN23136064	WANARE ABOLI RAVI	HSC	87.83	86.67	85.9227307			34233	85.92273 07
349	EN23235433	WAYKOLE PRATIKSHA RAJESH	HSC	60	55	36.3578395			11444 0	36.35783 95
350	EN23133449	CHINNAWAR NINAD RAJESHWAR	HSC	59	52.33	79.7807688			47838	79.78076 88
351	EN23270581	GADEWAR VINAYAK RAMESH	HSC	74.17	73.67	78.4161664	2.3032E+ 11	49.0 690 033	50319	78.41616 64
352	EN23126130	MOHD MAHEDI ABDUL SATTAR BAKALI	HSC	71.17	70.67	81.1192722			44605	81.11927 22

13. List of Applicants:

List of candidates whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidates who have applied along with percentile/percentage score for management quota seats (merit wise):

**Babasaheb Naik College of Engineering, Pusad
Management Quota Admission
List of Applied Students First Year B.E 2023-2024**

Sr.No.	Merit No.	Name	Category	CET Score	Opted Branch	Signature
1	1117-03	Nishant K. Gadewar	Open	81.12	Comp	
2	1117-72	Shravani G. Punde	OBC	80.65	Comp	
3	1117-07	Vallabh S. Mandade	NT	63.97	Comp	
4	1117-10	Shivam Santosh Narwade	Open	62.4	Comp	
5	1117-11	Tanuja S.Sontake	OBC	51.47	Comp	
6	1117-12	Rutuja A. Bhende	OBC	50.9	AI&DS	
7	1117-13	Gauri G.Kshirsagar	OBC	50.8	AI&DS	
8	1117-14	Rutuja R. Kale	Open	50.27	Comp	
9	1117-47	Riya S. Pathan	Open	47.64	Comp	
10	1117-73	SANSKURTI S VYAWAHARE	Open	46.16	Comp	
11	1117-19	Ashutosh S. Kakpure	OBC	43.66	Comp	
12	1117-21	Neha S. Pawar	Open	42.29	Comp	
13	1117-25	Shrushti D. Chavhan	VJ	37.69	AI&DS	
14	1117-26	Onkar D.Patange	SC	36.6	Mech	
15	1117-27	YASH ATUL UTTARWAR	Open	36.16	Comp	
16	1117-76	Rana A. Jadhav	Open	34.6	AI&DS	

17	1117-30	Sakshi S Karle	OBC	33.24	Comp	
18	1117-31	Shruti P. Satale	Open	32.46	EPS	
19	1117-33	Vansh Sushil Ghenekar	OBC	28.92	Mech	
20	1117-37	Juned Khan Javed Khan	Open	24.88	Civil	
21	1117-41	Gokul Anil Ade	VJ	21.91	Comp	
22	1117-42	Gauri D. Andhare	Open	21.53	Civil	
23	1117-43	Sweta Sharad Bodkhe	Open	20.31	Comp	
24	1117-45	Ruturaj K. Jadhav	VJ	18.81	EPS	
25	1117-46	Ayush A. Agrawal	Open	18	Civil	
26	1117-75	Samrudhi S. Debadwar	Open	16.94	AI&DS	
27	1117-48	Chaitali Pramod Palikondawar	Open	15.68	Comp	
28	1117-77	Om D. Pawar	VJ	15.02	EPS	
29	1117-49	Jaykumar S.Rathod	VJ	14.59	Comp	
30	1117-57	Swarthik G. Pulate	NT	12	Mech	
31	1117-58	Irfan Khan Firoz Khan	Open	11.72	Comp	
32	1117-74	Antara Vilas Dahale	OBC	11.71	AI&DS	
33	1117-59	Manoj V. Rathod	VJ	9.67	Civil	
34	1117-60	WARNE DEVYANI NARAYAN	OBC	9.28	Mech	
35	1117-61	Ram Shankar Raypure	VJ	8.14	Mech	
36	1117-62	Nirjara Nitin Ajmire	OBC	7.73	AI&DS	
37	1117-63	SHREYA G TAGALPALLEWAR	Open	7.6	Comp	
38	1117-64	Ritesh R. Chandel	Open	6.66	Civil	
39	1117-65	Manshi V. Pawar	VJ	6	EPS	
40	1117-66	Prathmesh V. Pande	Open	5	Mech	
41	1117-67	Muzammil ahemad Akil Khan	Open	4.19	Comp	
42	1117-68	Gopal V.Haravat	Nt-B	3.21	Civil	
43	1117-69	Randhir R. Jagtap	Open	3.18	Civil	
44	1117-70	Anjali S.Pawar	VJ	2	Mech	
45	1117-71	Vaishnavi Sanjay More	Open	1.55	Comp	
46	1117-78	Rathod Karan Dilip	DT/VJ	37.12	EPS	
47	1117-79	Rathod Tanvi Devidas	DT/VJ		EPS	

Admission I/C

Principal

EN1117-Janata Shikshan Prasarak Mandal's Babasahab Naik College of Engineering, Pusad
Admitted Students List for Management quota Admissions
Direct Second Year B.E. 2023-2024

Branch : Computer Science & Engineering

Sr.No.	Merit No.	Application ID	Name of the Candidate	Diploma Branch	Diploma Percentage	Opted Branch
1	DSE41501	DSE23108932	Shaikh Sarim Mehboob	Civil Engineering	83.31	Computer Science & Engineering
2	DSE41502	DSE23100136	Maddy Chaitanya	Computer Engineering	78.32	Computer Science & Engineering
3	DSE41503	DSE23135485	Namita Jivan Ihare	Computer Engineering	75.00	Computer Science & Engineering

Admission Officer

EN1117 – Babasaheb Naik College of Engineering, Pusad

Principal

EN1117-Janata Shikshan Prasarak Mandal's Babasahab Naik College of Engineering, Pusad
Admitted Students List for Management quota Admissions
Direct Second Year B.E. 2023-2024

Branch : Artificial Intelligence & Data Science

Sr.No.	Merit No.	Application ID	Name of the Candidate	Diploma Branch	Diploma Percentage	Opted Branch
1	DSE415AD01	DSE21117689	Sagar Sanjay Gaydhane	Computer Engineering	77.89	Artificial Intelligence & Data Science

Admission Officer

EN1117 – Babasaheb Naik College of Engineering, Pusad

Principal

14. Result of Admission under Management Seat/Vacant seats:

i. Composition of Selection team for admission Under Management Quota:

Special admission Team for Management Quota admission has been composed by management and Principal Sir

1. Dr S S Asole
2. Prof R P Godbole
3. Prof P D Dudhat

ii. List of Candidate who have been offered Admisison: Same as Point No. 13(List of applicants)

iii. Waiting list of candidate in order of merit to be operative from last date of joining of the first list candidate – NIL

15. Information of Infrasturecture and other Resourses Available

i. NUMBER OF CLASS ROOMS and SIZE OF CLASS ROOMS:29

sr no	Level	Room Id/Name	Room Type	Area of Room in sqm
1	UG	1221	Classroom	98.69
2	UG	1222	Classroom	107.4
3	UG	1301	Classroom	89.14
4	UG	1302	Classroom	83.33
5	UG	1303	Classroom	87.51
6	UG	1304	Classroom	86.75
7	UG	1305	Classroom	78.58
8	UG	1401	Classroom	110
9	UG	1402	Classroom	110
10	UG	2218	Classroom	147.06
11	UG	2219	Classroom	116.1
12	UG	2315	Classroom	86.4
13	POST GRADUATE	2316	Classroom	57.33
14	UG	2321	Classroom	87.03
15	POST GRADUATE	2322	Classroom	57.33
16	UG	3111	Classroom	77.68
17	UG	3112	Classroom	77.68
18	UG	3206	Classroom	157.95
19	UG	3213	Classroom	77.68
20	POST GRADUATE	3214	Classroom	77.68
21	UG	3304	Classroom	104.94
22	UG	3316	Classroom	77.68
23	UG	3317	Classroom	77.68
24	UG	5201	Classroom	144.3
25	UG	5203	Classroom	147.7
26	UG	5204	Classroom	144.3
27	UG	5301	Classroom	144.3
28	UG	5303	Classroom	147.7
29	POST GRADUATE	5304	Classroom	144.3

ii. NUMBER OF TUTORIAL ROOMS:04 AND SIZE OF EACH

UG	2216	Tutorial Room	33.11
UG	2318	Tutorial Room	33.11
UG	2319	Tutorial Room	33.11
UG	3302	Tutorial Room	39.62

iii. NUMBER OF LABORATORIES=56 AND SIZE OF EACH

1	UG	2103	Instrument Room	33.11
2	UG	1117	Laboratory	162.66
3	UG	1135	Laboratory	70.19
4	UG	1213	Laboratory	91.04
5	UG	1218	Laboratory	90.95
6	UG	1315	Laboratory	91.63
7	UG	1321	Laboratory	91.63
8	UG	2101	Laboratory	179.8
9	UG	2101C	Laboratory	179.8
10	POST GRADUATE	2102	Laboratory	67.36
11	UG	2104	Laboratory	87.03
12	UG	2105	Laboratory	66
13	UG	2112	Laboratory	87.03
14	UG	2113	Laboratory	87.03
15	UG	2114	Laboratory	146.43
16	UG	2114B	Laboratory	70
17	UG	2116	Laboratory	116.1
18	UG	2210	Laboratory	73.21
19	UG	2210A	Laboratory	73.22
20	UG	2212	Laboratory	82.5
21	UG	2213	Laboratory	118.1
22	UG	2215	Laboratory	117.99
23	UG	2220	Laboratory	87.03
24	POST GRADUATE	2221	Laboratory	89.1
25	UG	2312	Laboratory	87.02
26	UG	2313	Laboratory	118.43
27	UG	2323	Laboratory	87.03
28	UG	2324	Laboratory	89.1
29	UG	2325	Laboratory	66.33
30	UG	3101	Laboratory	127.8
31	UG	3104	Laboratory	127.8
32	UG	3114	Laboratory	127.8
33	UG	3117	Laboratory	127.8
34	UG	3205	Laboratory	129.87
35	UG	3208A	Laboratory	78.97
36	UG	3305	Laboratory	70.94

37	UG	3306	Laboratory	74.1
38	UG	3307	Laboratory	62.96
39	POST GRADUATE	3309	Laboratory	104.94
40	UG	5001	Laboratory	85.68
41	UG	5002	Laboratory	60.37
42	UG	5102	Laboratory	82.95
43	UG	5105	Laboratory	70.51
44	POST GRADUATE	5107	Laboratory	75.83
45	UG	4103	Additional Workshop	139.99
46	UG	4104	Additional Workshop	111.63
47	UG	4105	Additional Workshop	112.09
48	UG	4,11,04,111	Additional Workshop	222.34
49	UG	4112	Additional Workshop	112.55
50	UG	4113	Additional Workshop	168.36
51	UG	4114	Additional Workshop	76.5
52	UG	3202	CAD Center	145.87
53	POST GRADUATE	2117	Research Laboratory	147.06
54	POST GRADUATE	2211	Research Laboratory	66.15
55	POST GRADUATE	3208	Research Laboratory	78.98
56	POST GRADUATE	5107A	Research Laboratory	56.37

iv. NUMBER OF COMPUTER CENTRE AND ITS CAPACITY

TYPE	Number of centre	Capacity	SIZE
Language Laboratory	1	25	85.9
Computer Center	1	30	162.66

v. Central Examination Facility, Number of rooms and capacity of each

Sr.No.	ROOM TYPE	ROOM ID	Size	Capacity
1	Classroom	2218	147.06	60
2	Classroom	2219	116.1	60
3	Classroom	2317	147.06	70
4	Classroom	2320	147.06	70
5	Classroom	2321	87.03	40
6	Classroom	3111	77.68	40
7	Classroom	3112	77.68	40
8	Classroom	3213	77.68	40
9	Classroom	3214	77.68	40
10	Classroom	3304	104.94	60

11	Classroom	3316	77.68	40
12	Classroom	3317	77.68	40
13	Classroom	5201	144.3	60
14	Classroom	5203	144.3	60
15	Classroom	5204	144.3	60
16	Classroom	5301	144.3	60
17	Classroom	5303	144.3	60
18	Classroom	5304	144.3	60


vi. Online examination facility (Number of nodes, internet bandwidth etc)

Sr No	Number of Nodes	Internet Bandwidth
1	260	300 Mbps

vii. Barrier free built environment for disabled and elderly persons: Yes

Institute provides facilities like railing staircase for disabled and elderly persons to enter into classrooms.

viii. Fire and Safety certificate

	MUNICIPAL COUNCIL PUSAD, DIST- YAVATMAL
<input type="checkbox"/> अहर्निशसेवामहें	President 246107, C.O. 246782, G.A.D. 246009, FAX NO. 07233-246009...e-mail-mcpusad@gmail.com
जा.क्र./नपापु/अग्नि.विभाग/०८/२०२३	दिनांक-१८/०५/२०२३

To,

The Principal,
Babasaheb Naik College of Engineering,
Kakaddati, Pusad.

Sub.-: Regarding Fire Safety Certificate.

- Ref. :- 1. Your application received dated 13th May,2023.
2. Form-A and Report of Authorised License Agency dated 16th May,2023.


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It is hereby certified that, fire safety measures are inspected under the Maharashtra Fire Prevention and Life Saving Measures Act, 2006 and Rules 2009 in an educational institute Babasaheb Naik College of Engineering, Kakadati, Pusad. The fire safety measures available at the concerned places are found operational during the inspection. In this regard, Form-'A' and Report supplied by license agency **SAFE FIRE PROTECTION, WASHIM** (Lic. No. MFS / LA / F-184), a **Fire Safety Certificate** is being issued on the following terms and conditions.

- A. Precautions should be taken to avoid any danger or accident related to fire. In case of any emergency, it will remain your responsibility.
- B. The following fire prevention measures have been taken for safety at the concerned places.
1. FIRE EXTINGUISHERS ABC - 06 kg = 06 + 05 + 05 no.
 2. FIRE EXTINGUISHERS CO2 - 4.5 kg = 02 + 01 + 01 no.
 3. FIRE EXTINGUISHERS DCP - 05 kg = 05 + 02 + 02 no.
 4. DOWN COMER & HYDRENT VALVE & FIRE HOSE REEL = Provided.
 5. Control Panel = Provided.
 6. Fire Brigade Inlet Connection = Provided.
 7. PUMP= 900 lpm + 900 lpm + 450 lpm are installed
 8. Overhead Water Tank = 10000 lit + 10000 lit + 10000 lit.
- C. The institute shall remain responsible for maintaining availability of water at the respective places.
- D. All electrical equipment should be checked. Do not use electrical appliances carelessly.
- E. The persons / staff working in the concerned educational building should be given at least basic information about fire fighting and use of fire fighting equipment / system. For that, practice should be taken from time to time.
- F. Do not store flammable material in the building / premises.
- G. In case of any emergency, telephone Nos of all important services Ex. Hospital / Police / Fire Brigade etc. should be displayed at said place for immediate assistance. Put it in bold letters so that everyone can see it.
- H. In case of emergency, move / walk slowly through smoke. Also protect from fire by keeping a cover of wet cloth over the nose.
- I. Do not stick documents, cupboards, racks and other flammable materials etc. to the electrical switch board.
- J. The fire department reserves the right to carry out random inspection of the fire fighting system / equipments and cancel the said certificate if the fire fighting system / equipment is not found to be functional during the inspection. Also, cooperate with the fire department for inspection of fire safety measures from time to time.
- K. The said fire safety certificate is only related to fire fighting measures.
- L. The institute have to obtain '**B**' certificate from **Licensing Agency** after investigation of proper working of fire safety system / equipments twice in a year i.e. in the month of January and July under Maharashtra Fire Prevention and Life Protection Measures Act 2006 and Rules 2009 and submit the same to the Fire Safety Department of Nagar Parishad.

The above certificate will remain valid till 17th May,2024.




(Dr. Kiran Sukalwad)
Chief Officer
Municipal Council, Pusad.

ix. **Hostel facility**

Sr. No.	Hostel Name	Type	No of Rooms	Capacity
1	Hostel No 1	Boys Hostel	72	144
2	Hostel No 2	Boys Hostel	141	282
3	Hostel No 3	Boys Hostel	138	276
4	Hostel No 4	Boys Hostel	144	288
5	Hostel No5	Girls Hostel	44	88
6	Hostel No 6	Girls Hostel	59	118
			Total	1196

x. **Number of Liabrary books/ebooks/Titles/Journals available (Programme-wise)**

sn	Course(s)	No. of titles(Gen. Books)	No. of volumes Gen. Books)	No. of titles(Book Bank (bb) Books)	No. of volumes(bb Books)	Journals	
						National	Inter-national
1,	Civil Engineeng	1239	5459	316	3654	08	DELNET400 online e_journals
2.	Mechanical Engineering	1666	6865	280	4787	08	
3.	Electroics & tele. Engg.	2047	8205	208	4189	07	
4,	Electric & power	39	413	98	1332	03	
	AI&DS	25	203				
5.	Computer sc. Engg.	2133	8031	231	4870	---	
6.	inf. Tech	NIL	NIL	24	320	---	
7.	Physics	135	775	37	355	02	
8.	Chemistry	166	705	34	428	02	
9.	Maths.	162	1198	48	737	03	
10.	Others	2823	4931	NIL	NIL	11	
	TOTAL	10435	36785	1276	20672	44	

xi. **LIST OF ONLINE NATIONAL/INTERNATIONAL JOURNAL SUBSCRIBE**

Sr.No	Mechanical Engineering
1	Advances in Automobile Engineering
2	International Journal of Automotive engineering
3	Journal of Mechanical and Automobile Engineering
4	Engine & Automotive Engineering

5	<u>International Journal of Automotive Engineering & Technologies</u>
6	<u>Journal of Advances in Vehicle Engineering</u>
7	<u>International Journal of Automotive and Mechanical Engineering</u>
8	<u>International Journal of Research in Mechanical Mechatronics and automobile engineering (IJRMMAE)</u>
9	<u>Open Engineering</u>
10	<u>Journal of Mechanical Engineering and Biomechanics</u>
11	<u>Romanian Journal of Automotive Engineering</u>
12	<u>International Research Journal of Automotive Technology</u>
13	<u>Annals of the University of Oradea. Fascicle of Textiles, Leatherwork</u>
14	<u>Fibres & Textiles in Eastern Europe</u>
15	<u>Internation Journal of Materials, Mechanics and Manufacturing</u>
16	<u>International Journal of Manufacturing Engineering</u>
17	<u>Journal of Engineering and Manufacturing Technology</u>
18	<u>MADERAS : Ciencia y Tecnología</u>
19	<u>Manufacturing Review</u>
20	<u>Advances in Mechanical Engineering</u>
21	<u>Advances in Tribology</u>
22	<u>American Journal of Mechanical Engineering</u>
23	<u>American Journal of Mechanical Engineering and Automation</u>
24	<u>Electronic Journal of Boundary Elements</u>
25	<u>International Journal of Aerospace and Mechanical Engineering</u>
26	<u>International Journal of Applied Research in Mechanical Engineering(IJARME)</u>
27	<u>International Journal of Mechanical Engineering and Applications</u>
28	<u>International Journal of Mechanical Engineering and Robotics Research</u>
29	<u>International Journal of Research in Mechanical Engineering</u>
30	<u>International Journal of Research in Mechanical Engineering and Technology(IJRMET)</u>
31	<u>IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)</u>
32	<u>ISRN Mechanical Engineering</u>
33	<u>Jordan Journal of Mechanical and Industrial Engineering</u>
34	<u>Journal of Applied Fluid Mechanics</u>
35	<u>Journal of Computational and Applied Mechanics</u>
36	<u>Journal of Fundamentals of Renewable Energy and Applications</u>
37	<u>Journal of Mechanical Engineering and Technology</u>
38	<u>Journal of Naval Architecture and Marine Engineering</u>
39	<u>Journal of Robotics</u>
40	<u>Mechanical Engineering Research</u>
41	<u>Modern Mechanical Engineering</u>
42	<u>Periodica Polytechnica Mechanical Engineering</u>
43	<u>The Open Mechanical Engineering Journal</u>
44	<u>Thermal Science</u>
45	<u>Geomaterials</u>
46	<u>Journal of Metallurgy</u>
47	<u>Journal of Mining and Metallurgy, Section B : Metallurgy</u>

48	<u>Platinum Metals Review</u>
Computer Science	
1.	Advanced Computing : an International Journal
2.	Advances in Artificial Intelligence
3.	Advances in Electrical and Computer Engineering
4.	Advances in Human-Computer Interaction
5.	Advances in Internet of Things
6.	Advances in Multimedia
7.	Advances in Software Engineering
8.	The African Journal of Information Systems
9.	Ajis : Australasian Journal of Information Systems
10.	Applied Computational Intelligence and Soft Computing
11.	Brain. Broad Research in Artificial Intelligence and Neuroscience
12.	British Journal of Mathematics & Computer Science
13.	Communications and Network
14.	Computational Intelligence and Neuroscience
15.	Computer and Information Science
16.	Computer Science and Information Systems
17.	Crosstalk : Journal of Defense Software Engineering
18.	Database : the Journal of Biological Databases and Curation
19.	Database Systems Journal
20.	Digital Culture & Education
21.	e-Informatica Software Engineering Journal
22.	E-learning and Education
23.	Economy Informatics

24.	Electronic Communications of the EASST
25.	Electronic Journal of Information Systems Evaluation
26.	Engineering Letters
27.	EURASIP Journal on Information Security
28.	First Monday
29.	Future Internet
30.	Game Studies
31.	Human Technology
32.	IAENG International Journal of Computer Science
33.	Indian Journal of Computer Science and Engineering
34.	Information Technologies and International Development
35.	Information Technology Journal
36.	Intelligent Control and Automation
37.	Intelligent Information Management
38.	Interdisciplinary Journal of Information, Knowledge, and Management
39.	International Arab Journal of e-Technology
40.	The International Arab Journal of Information Technology
41.	International Journal of Ad Hoc, Sensor & Ubiquitous Computing
42.	International Journal of Advanced Computer Sciences and Applications
43.	International Journal of Advanced Information Technology
44.	International Journal of Advanced Networking and Applications
45.	International Journal of Advances in Soft Computing and Its Applications
46.	International Journal of Artificial Intelligence & Applications
47.	International Journal of Communication Networks and Information Security
48.	International Journal of Computer Games Technology

49.	International Journal of Computer Networks & Communications
50.	International Journal of Computer Science & Applications
51.	International Journal of Computer Science & Information Technology
52.	International Journal of Computer Science and Communication Networks
53.	International Journal of Computer Science and Engineering Survey
54.	International Journal of Computer Science and Information Technologies
55.	International Journal of Computer Science and Management Studies
56.	International Journal of Computer Science Issues
57.	International Journal of Computer Science, Engineering and Applications (IJCSEA)
58.	International Journal of Computer Technology and Applications
59.	International Journal of Database Management Systems
60.	International Journal of Distributed and Parallel Systems
61.	International Journal of Distributed Sensor Networks
62.	International Journal of Doctoral Studies
63.	International Journal of Education and Development using Information and Communication Technology
64.	International Journal of Engineering Science and Technology
65.	International Journal of Enterprise Computing and Business Systems
66.	International Journal of Future Generation Communication and Networking
67.	International Journal of Grid and Distributed Computing
68.	International Journal of Hybrid Information Technology
69.	International Journal of Image, Graphics and Signal Processing
70.	International Journal of Information Engineering and Electronic Business
71.	International Journal of Information Technology and Computer Science
72.	International Journal of Information Technology Convergence and Services

	(IJITCS)
73.	International Journal of Intelligent Systems and Applications
74.	International Journal of Managing Information Technology
75.	International Journal of Modern Education and Computer Science
76.	International Journal of Modern Education and Computer Science
77.	International Journal of Multimedia & Its Applications
78.	International Journal of Multimedia and Ubiquitous Engineering
79.	International Journal of Network Security
80.	International Journal of Network Security & Its Applications
81.	International Journal of Next-Generation Networks
82.	International Journal of Public Information Systems
83.	International Journal of Reconfigurable Computing
84.	International Journal of Signal and Image Processing
85.	International Journal of Signal Processing, Image Processing and Pattern Recognition
86.	International Journal of Simulation : Systems, Science and Technology
87.	International Journal of Smart Home
88.	International Journal of Software Engineering & Applications
89.	International Journal of Software Engineering and Its Applications
90.	International Journal of u- and e- Service, Science and Technology
91.	International Journal of UbiComp
92.	International Journal of VLSI Design & Communication Systems
93.	International Journal of Web & Semantic Technology
94.	International Journal of Wireless & Mobile Networks
95.	International Journal on Applications of Graph Theory in Wireless ad hoc Networks and Sensor Networks

96.	International Journal on Computer Science and Engineering
97.	International Journal on Electrical Engineering and Informatics
98.	International Journal on Smart Sensing and Intelligent Systems
99.	International Journal on Soft Computing
100.	Internetworking Indonesia Journal
101.	Journal of Artificial Intelligence
102.	The Journal of Artificial Intelligence Research
103.	Journal of Community Informatics
104.	Journal of Machine Learning Research
105.	Journal of Software Engineering and Applications
106.	Journal of Systemics, Cybernetics and Informatics
107.	Journal of Theoretical and Applied Electronic Commerce Research
108.	Journal of Theoretical and Applied Information Technology
109.	Scientific Annals of Computer Science
110.	Signal & Image Processing
111.	Systems, Signs & Actions
112.	Theory and Applications of Mathematics & Computer Science
113.	Transactions on Data Privacy
114.	Wireless Sensor Network

S.No.	Electrical Engineering
1.	Active and Passive Electronic Components
2.	Advances in Electrical and Electronic Engineering
3.	Advances in Fuzzy Systems
4.	Advances in Power Electronics
5.	Bulletin of the Institute of Heat Engineering
6.	Circuits and Systems
7.	Energy and Power Engineering
8.	ETRI Journal
9.	EURASIP Journal on Advances in Signal Processing

10.	EURASIP Journal on Bioinformatics and Systems Biology
11.	EURASIP Journal on Embedded Systems
12.	International Journal of Antennas and Propagation
13.	International Journal of Design, Analysis and Tools for Integrated Circuits and Systems
14.	International Journal of Microwave Science and Technology
15.	International Journal of Vehicular Technology
16.	Journal of Electrical and Electronics Engineering
17.	Journal of Electrical Systems
18.	Journal of Low Power Electronics and Applications
19.	Journal of Power Technologies
20.	Journal of Sensor Technology
21.	Journal of Signal and Information Processing
22.	Majlesi Journal of Electrical Engineering
23.	Micromachines
24.	Nuclear Technology and Radiation Protection
25.	Open Electrical & Electronic Engineering Journal
26.	Open Signal Processing Journal
27.	Science and Technology of Nuclear Installations
28.	Turkish Journal of Electrical Engineering and Computer Sciences
29.	VLSI Design
30.	Wireless Engineering and Technology

S.No.	Civil Engineering
1.	Advances in Civil Engineering
2.	Advances in Materials Physics and Chemistry
3.	Advances in Materials Science and Engineering
4.	Advances in OptoElectronics
5.	American Journal of Engineering and Applied Sciences
6.	Annals of the Faculty of Engineering Hunedoara
7.	Applied Computational Intelligence and Soft Computing
8.	Bulletin of Materials Science
9.	Carbon : Science and Technology
10.	Civil Engineering Dimension
11.	International Journal of Differential Equations
12.	E-Preservation Science
13.	Engineering
14.	Engineering Journal
15.	EURASIP Journal on Image and Video Processing
16.	eXPRESS Polymer Letters
17.	Facta Universitatis Series : Architecture and Civil Engineering
18.	Indian Journal of Engineering & Materials Sciences
19.	Indian Journal of Fibre & Textile Research
20.	International Journal for Service Learning in Engineering

21.	International Journal of Corrosion
22.	International Journal of Engineering Research and Applications
23.	International Journal of Gender, Science and Technology
24.	International Journal of Innovative Technology and Creative Engineering
25.	International Journal of Nano Dimension
26.	International Journal of Quality, Statistics, and Reliability
27.	International Journal of Research and Reviews in Applied Sciences
28.	International Journal of Rotating Machinery
29.	ISRN Civil Engineering
30.	ISRN Materials Science
31.	Journal of Biological Engineering
32.	ARN Journal of Engineering and Applied Sciences
33.	Journal of Nanomaterials
34.	Journal of Technology and Science Education
35.	Management Science and Engineering
36.	Materials
37.	Materials Research
38.	Materials Sciences and Applications
39.	Mathematical Problems in Engineering
40.	Modelling and Simulation in Engineering
41.	Open Civil Engineering Journal
42.	Open Materials Science Journal
43.	Open Ocean Engineering Journal
44.	Open Petroleum Engineering Journal
45.	Research Journal of Applied Sciences, Engineering and Technology
46.	Research Letters in Nanotechnology
47.	Reviews on Advanced Materials Science
48.	Smart Materials Research
49.	World Journal of Mechanics
50.	Buildings
51.	Construction Economics & Buildings
52.	International Journal of Advanced Structural Engineering
53.	International Journal of Civil and Structural Engineering
54.	International Journal of sustainable Construction & Design
55.	Journal of Construction in Developing Countries
56.	Journal of Information Technology in Construction
57.	Lean Construction Journal
58.	Open Construction & Building Technology Journal
59.	Organization, Technology and Management in Construction: An International Journal
60.	Sustainable Buildings
61.	Advances in Materials Physics and Chemistry
62.	Advances in Materials Science and Engineering
63.	E-Preservation Science

64.	eXPRESS Polymer Letters
65.	Fracture and Structural Integrity
66.	Indian Journal of Fibre & Textile Research
67.	International Journal of Corrosion
68.	International Journal of Nano Dimension
69.	Journal of Applied Fluid Mechanics
70.	Journal of Nanomaterials
71.	Materials
72.	Materials Research
73.	Materials Sciences and Applications
74.	Open Corrosion Journal
75.	Open Materials Science Journal
76.	Science and Technology of Advanced Materials
77.	Smart Materials Research
78.	World Journal of Mechanics
79.	Drinking Water Engineering and Science
80.	International Journal of Geo-Engineering
81.	International Journal of Sustainable Lighting
82.	International Journal of Hydraulic Engineering
83.	Journal of Water Resource and Hydraulic Engineering
84.	Journal of Water and Land Development
85.	Open Hydrology Journal
86.	Water Science
87.	Water Science and Engineering
88.	Aviation in Focus : Journal of Aeronautical Sciences
89.	European Journal of Transport and Infrastructure Research
90.	European Transport Research Review
91.	INCAS Bulletin
92.	International Journal for Traffic and Transport Engineering
93.	International Journal of Aerospace Engineering
94.	International Journal of Lean Thinking
95.	Journal of Public Transportation
96.	Journal of Transport and Land Use
97.	Journal of Transportation Technologies
98.	Open Transportation Journal
100.	Open Aerospace Engineering Journal

S.No.	Electronics Engineering
1.	American Journal of Operations Research
2.	Batteries
3.	Engineering, Technology & Applied Science Research
4.	International Journal of Industrial Chemistry
5.	International Journal of Industrial Engineering & Production Research

6.	International Journal of Industrial Engineering Computations
7.	International Journal of Production Management & Engineering
8.	Journal of Engineering & Technological Sciences
9.	Journal of Engineering, Project & Production Management
10.	Journal of Industrial Engineering and Management
11.	Journal of Industrial Engineering International
12.	Journal of Information System & Technology Management
13.	Journal of Optimization in Industrial Engineering
14.	Open Automation and Control Systems Journal
15.	Open Industrial & Manufacturing Engineering Journal
16.	Open Operational Research Journal
17.	American Journal of Electronics & Communication
18.	American Journal of Embedded Systems and Application
19.	EURASIP Journal on Embedded System
20.	International Journal of Advanced Research in Electronics and Communication Engineering
21.	International Journal of Circuits , System and Signal Processing
22.	International Journal of Communication and Computer Technologies
23.	International Journal of Computer and Communication Engineering
24.	International Journal of Electrical and Electronic Engineering & Telecommunication
25.	International Journal of Electrical, Electronics and Data Communication(IJEEDC)
26.	International Journal of Electronics and Communication Engineering and Technology (IJECET)
27.	International Journal of Electronics and Telecommunications
28.	International Journal of Engineering Research in Electronics and Communication Engineering
29.	International Journal of Modern Electronics and Communication Engineering
30.	International Journal of VLSI Design & Communication Systems (VLSICS)
31.	International Journal of Wireless & Mobile Network (IJWMN)
32.	IOSR Journal of Electronics and Communication Engineering(IOSR-JECE)
33.	Journal of Electronics and Communication Engineering Research

S.No.	Applied Science
1.	Advances in Petroleum Exploration and Development
2.	American Journal of Food Technology
3.	American Journal of Polymer Science & Engineering
4.	Applied Nanoscience
5.	Autex Research Journal
6.	Batteries
7.	Beilstein Journal of Nanotechnology
8.	Bioceramics Development and Applications
9.	Bioresources and Bioprocessing

10.	Brazillian Journal of Chemical Engineering
11.	Carpathian Journal of Food Science and Technology
S.No.	Others
1.	Defence Science Journal
2.	Journal of Defense Resources Management
3.	Journal of Military and Strategic Studies
4.	Journal of Strategic Security
5.	Scientia Militaria : South African Journal of Military Studies
6.	Acta Periodica Technologica
7.	Advances in Natural Sciences : Nanoscience and Nanotechnology
8.	Advances in Operations Research
9.	Design and Technology Education: An International Journal
10.	E-Journal of Surface Science and Nanotechnology
11.	EURASIP Journal on Wireless Communications and Networking
12.	Fibreiculture Journal
13.	International Journal of Advances in Engineering and Technology
14.	onal Journal of Emerging Technologies and Society
15.	onal Journal of Engineering and Technology
16.	onal Journal of Innovative Technology and Creative Engineering
17.	anotechnology
18.	of Applied Research and Technology
19.	Journal of Engineered Fibers and Fabrics
20.	Journal of Information Systems and Technology Management

21.	Journal of Nanotechnology
22.	Journal of Scientific & Industrial Research
23.	Journal of Sensors
24.	Journal of STEM Education : Innovations and Research
25.	Journal of Technology Education
26.	Journal of Technology Management & Innovation
27.	Journal of Technology Research
28.	Journal of the Japan Petroleum Institute
29.	Maejo International Journal of Science and Technology
30.	Management Science and Engineering
31.	Nano-Micro Letters
32.	Northwestern Journal of Technology and Intellectual Property
33.	Open Journal of Safety Science and Technology
34.	Open Nanoscience Journal
35.	Open Renewable Energy Journal
36.	Pacific Journal of Science and Technology
37.	Sensors
38.	Soft Nanoscience Letters
39.	World Journal of Nano Science and Engineering

Xii. National Digital Library (NDL) subscription details:

Institute has subscriptions of NDL

Your NDLI Club Registration Number is: INMHNCGM8CCZ2VG

Xiii. List of Major Equipment/Facilities in each Laboratory / Workshop**a. Civil Engineering Department**

S.No .	Name of the Laboratory	Major Equipment
01	Fluid Mechanics	Pipes & fitting including electrical fittings. Propeller Current meter & digital display, Titling Flume (6 meter length)
02	Soil Mechanics	Direct Shear Test, Triaxial Test, C.B.R. Apparatus, Soil Trimmer (NISCO) (Motorized), Plate bearing Test Apparatus With Accessories, Oil/Water, constant pressure System for Tri axial Test, Earth resistivity meter With Accessories, C.B.R. mould made of steel metal (IS.9669) (6 nos.), AFCOSET ELECT. Analysis Balance (Cap – 120 gms, Accuracy – 0.1 mg.)
03	Transportation Engg.	Los Angle's abrasion test M/c, Deval's abrasion test M/c, Marshal stability apparatus.
04	Environmental Engineering	Vertical Autoclave, Spectrophotometer (Digital spectrochlem), Incubator (Biological), Remis Incubator (Cooling), Water Analyzer kit, Photo flame meter Digital), Glass wares, Glass Double distillation plant. High volume air sampler, Centrifuge model, A.C. Voltage stabilizer, Spectrophotometer.
05	Survey	Transit Vernier Theodolites (6 nos.), Automatic level, Shamiyana, Shoulderies & single fly staff officer tent. Tarpaulins, Prismatic Compass Tape 30 mt. leveling staves. Transit Vernier & etc. Kanats & officers Tents. Through Compass Everest man Vernier Transit Theodolite (6 nos.), Tarpolines (15x15 Ft. – 5 nos.) (21x24 Ft – 2 nos.), (18x12 Ft - 2 nos.), (9x9 Ft – 3 nos.), Digital planimeter palcom (model KP, 90N) (3 nos.), Glob for Measurement of Latitude And Longitude, Chetak Verniour Transit Thedolite (3 nos.).
06	Material Testing	Universal Testing machine, Impact testing machine, Fatigue testing machine, Extensometer, Shear testing apparatus, Tensile Testing machine (upto 500 kg.), Torsion Testing Machine 50 Kgm

07	Concrete Technology	C Compression testing machine, Electronic Balance Capacity 15 kg. Accuracy 1 gm.), Automated curing tank, Concrete Permeability apparatus, Air Compressor for Concrete Permeability apparatus
08	Structural Engineering	Begg's Deformator, Research Polariscope, Universal Frame, Strain gauge, Software of STADD III 2 master disk + 8 other disk - Loading Frame 100 tons capacity, Deflection of Trusses Apparatus, Begg's Diformeter Set
09	Computer Lab.	Printer Dot matrix L&T L32 160 CPS, Room Air Conditioner, Voltage stabilizer with Buck & Buster, Aplab static voltage stabilizer – 2 KVA, Automatic voltage regulator NEWLITE make – 4 KVA, STADD III/ISDS Module Ver 11.1, Pentium Computer System, PC/AT-286, Computer System, Pentium 4 with 128 MB RAM (2 nos.), Pentium 4 with 256 MB RAM (2 nos.), Auto Architect desktop software Version 3.3, Dot matrix printer, Panasonic PT-PC50E micro portable LCD Projecter, Kodak Ektalite E-30 Overhead Projecter, Intel P-4 2.4 Ghz(BOX) with intel 845GVSR Original M/B 256 MB DDR SD RAM, Printer DMP 136 Col. 24Pin 342 CPSIL X1170 (10 nos.), H.P. Laser Printer 1015, HP Dx 2300 Intel Dual Core 2.8 GHZ, Laptop (HP), AC 2 T. (Blue Star make), CADian Professional 2008 site license, Constructor 2007, Estimator 2007, ETABS (5 nos.),STAAD.Pro, ETABS NL_V9.5 (10 Users)
10	Hydraulic Machines	Palton Wheel Test rig, Francis turbine test rig, Centrifugal pump test rig, Universal air lift pump
11	Geology	Polarized microscope (04 nos.)

b. Mechanical Engineering Department

S.NO	Name of Laboratory	Major Equipment	Cost (Rupees)
1	Dynamics & Measurment Lab	UNI INSTA VIB LAB (Cousisting of 11 Expt.)	30000.00
		Gyroscope	32039.00
		Hydraulic Control Trainer	46500.00
2	Heat Transfer Lab	Heat Transfer from Pin Fin	33750.00
	Refrigeration & Air Conditioning	ICE Plant Tutor	80000.00
		Air Conditioning Test Rig	37000.00

3	Unconventional Energy Sources	Liquid flat Plate Collector Test Rig	175000.00
4	Automobile Lab.	Air Break Actual Working Actual working Model Of Power Brake Mounted On Iron Stand	34056.00
		MPFI Trainer Board. All Actual Part of MPFI System Fitted on Wooden Board mounted On Iron Stand.	42283.00
5	INTERNAL COMBUSION LAB	4 Stroke 4 Cylinder Petrol Engine Test Rig	87000.00
		Computer Based IC Engine Test Rig	585825.00
		AVL CDS Analyser without Smoke Meter Model AVL CDS	886870.00
6	CAD & FMS Lab	Computer Machines Intel Dual Cove 2.8 GHZ, RAM 512 DDR II, HDD 80 GB SATA, DVD Writer Keyboard MM, Mouse Optical, Monitor 17" TFT	236000.00
		HP Desktop M/c Dx 2253 DVD Combo Drive/17" TFT/Keyboard, Mouse	
		HP ML 150 Server with 2x2 GB RAM 146 GB HDD 18.5 TFT Monitor, DVD Rom Key Board, Mouse	208816.00
		Personal Computer HP-DX 2480, 2.53 GHZ 1 GB DDR, RAM 160 GB HDD, DVD RW, OFM, 185 TFT Monitor Keyboard, Monitor (3 ½ War)	144000.00
		Pick & Place Robots with Conveyor & Indexing Table	731861.00
		ANSYS 11	208000.00
		Pro/Engineer Wildfire 3.0	364000.00
		CATIA V5 R8, MSC Nastran	592800.00
7	Metallurgy Lab.	Inverted Metallurgical microscope with accessories	55763.00
		Inverted Metallurgical Microscope Model - Metagraph II	206145.00
		Image Archiving System	224197.00

c. Computer Science and Engineering Departmental

Sr.No .	Name of Laboratory	Major Equipments	Cost (Rupees)
1.	MMLAB	<p>HP PRO 3330 core i3 3.0GHz 4 GB DDR3 RAM, 500 GB HDD, PS2 Keyboard and Mouse, 18.5" TFT Monitor with Warranty 3x3x3 (10 No), Scanner : HP Scanjet G4050 , Sr.No.CN264AB25X , Pentium IV Machine Zenith Make 1.66 GHz, 128 MB RAM, 18 GB SCSI HDD, 1.44 MB FDD, 15" Digital Color Monitor, 52x CDROM Drive, 10/100 MBPS Lan Card, 108 Keys Keyboard, Scroll Mouse, 56 KBPS Fax Modem Card, Speaker Set, 2S. 1P, 2USB with windows 98 Licence copy (OEM), DLP Projector Model No.U5-111 with accessories, Intel P-IV 2.4 Ghz(box) with intel 845 GVSR original M/B, 256 MB DDR RAM Hunix(box), 40 GB, 7200 ATA 100 HDD Seagate, 1.44 MB FDD Sony, 52 x CDROM LG, On board 10/100 mbps intel LAN / Sound / AGP, 15 " Digital Color Monitor LG , Scroll Mouse Logitech, MM K/B, ATX Cabinet - Perx CPU , mOUSE SR.NO.HCA 34824683, Monitor Sr.NO.D05Y4071L0803861N (04 No), HP LJ1022 Printer Sr.No. VNRJ7540K4, Printer PSC HP 3050, Printer HP COLOR LASERJET 2600N, HP DX 2300 INTEL DUEL CORE 2.8 GHZ with 512 DDR RAM , 80 GB HDD SATA , DVD WRITER SATA, Multi Media Keyboard , OPTICAL MOUSE iNTEX17"TFT MONITOR HPL1706 with Warrenty 3-3-3 CPU Sr.NO.- INA721042W, Monitor Sr.No.- CNN7150HLX, Keyboard Sr.No.- BC3880ACPUE11F, Mouse HP SR.NO.- F93A90AN3VO1YAX (25 NO), HP Server ML110 with 3GHZ, 1GB RAM, 2x80 GB HDD, CDROM, Multi Media Keyboard, Optical Mouse, 17 " HP TFT LCD Monitor CPU SR.NO. in71400DQ KB SR.NO. BC3530DGAVD36P Monitor Sr.NO.7S0651002386 Mouse Sr.NO.F93A90AN3V01YCS, Laptop Zenith Director - Intel Pentium Dual Core Processor 1.73 Ghz, 1 MB Cache, ATA Chipset M/B, 512 MB DDR II 667 Mhz, 100 MB Sata II HDD 5400 RPM, DVD R/W, 15.4" wide screen Display 1280 x 800 dpi, Glare Screen , ATA Graphics Built in 56 Kbps v.90 Modem, Integrated 10/100 Lan, 1 Mini PCi Slot for wireless card, Glide Pad,</p>	1820857.20

Sr.No	Name of Laboratory	Major Equipments	Cost (Rupees)
		Built in Hi-definition two channel Audio, 2 Channel Built in Stereo Speaker, Built in PS2 Touch pad with two buttons, Li-ion Batteries pack, with Carry Bag. Sr.NO.5TFCCMR7380C4D, Scanner UMAX Scanner 5600, 1.5 Ton Split AC with Digital Remote, Power Slash Rotary Compressor Make ONIDA (3A) (02 No), Laptop - Dell Vostro 1015 C2D /320GB/2GB/15.6"SIDE Bag, Epson make LCD projector Model EB-59 (with 3ft ceiling stand, VGA cable 10 Meters and Pavee cable 10 meters SR.No.NDHF-131951L	
2	RR LAB	HP Elite 7100 3.5GHZ/4GB RAM/320GB HDD /DVD WRITER/MMKB/OPTICAL MOUSE/18.5"TFT MONITOR , APC Make smart UPS Model RT5000, Aplab Line Voltage Regulator Model 9124 input 184V-253V Output 230V+0.57 Max Current 22 Amps.Capacity 5 KVA max (Sr.No.1195/28), Scanner Photo Quality HP 4500 C, Intel P-IV 2.4 Ghz(box) with intel 845 GVSr original M/B CDDR/Sound/AGP/SSB/FSB/256 MB DDR RAM Hunix(box), 40 GB, 7200 ATA100 HDD Seagate, 1.44 MB FDD Si\ony, 52 x CDROM LG, on board 10/100 mbps intel LAN, 15 " Digital Color Monitor, Scroll Mouse Logitech, MM K/B, ATX Cabinet (23 NO), Laser Printer HP 1015 (Sr.No.SGFB221050), HP LJ1020 Printer , HP DX 2300 INTEL DUEL CORE 2.8 GHZ/512 DDR/80GBHDD SATA/DVD WRITER/MMKB/OPTICAL MOUSE/17"TFT MONITOR (21 No), Blue Star A/C 2 tonne with installation, with Remote	1715215.00
3	Linux LAB	HP-3330 MT-I-3 Desk top Intel I-3 2120 3.3 GHz, CPU 4 GB RAM, 500 GB HDD, H61 Chip Set Mother Board DVD writer, Optical mouse, 10.5" LCD Monitor DOS (20 No) , APLAB Survoline Voltage Regulator Range 184 V-253 V / 5KVA Model No. 9124 , GE Make Deluxe compact portable OHP with fresnel lense, 3 lement projection lense 24U 250 w Haogen bulb etc. with Twin Lanmp Facility SN CD/T 649 with Screen, Wipro Super Genius 10845 GL P-IV 1.6 GHz 128 MB DDR, 40 GB HDD, 5400 rpm FDD, 104 Wipro keys keyboard, 2 button mouse, Win ME, NAV intell smart CPU (29	1973860.00

Sr.No	Name of Laboratory	Major Equipments	Cost (Rupees)
		No) , KODAK EKTALITE 30 overhead projector Sr.No. 01K24536, DLP Projector PLUS Make Model U5-111 Sr.No. UA5DA4221039, Blue Star A/C 2 Tonne with installation manual, Epson make LCD Projector Model EB-59 , Laptop Dell Vestro 1015 C2D 320 GB/ 2GB/15.5" , Un-interruptable Power Supply UPS 5000 (APC) 5 KVA smart	
4	R&D LAB	HP Elite 7100 Desk top PC Intel (R) Core I3 330/350m, 2.4 GHZ, 4 GB DDR2, 320 GB HDD DVD R/W, 18.5" TFT Monitor, Keyboard Mouse with Windows 7 Statter (21 Nos), Epson make LCD Projector Model EB-59 (with 3 ft Ceilled Stand, VGA Cable 10 Mtr. Power Cable 10 Mtr. , 1.5 Ton Spllit Air Conditioner with digital remote power rotary compressor make ONIDA (3A) , Un-interruptable Power Supply UPS 5000 (APC) 5 KVA smart	707288.00
5	AS400 LAB	APLAB Survoline Voltage Regulator Range 184V-253V / 5KVA Model No 9124)+ CED 10% + MST 6% (Sr.No. 1198/35), IBM AS/400 SERVER WITH V3R7 OS/400, TERMINAL LOGIC UNIT, 121 KEYS K/B, 2X4 GB HDD, CD ROM, CTD DRIVE, MONO VGA MONITOR, AND PRELOADED SOFTWARES. , SUPER STACK II HUB 12 and 24 PORT, HP DX 2300 INTEL DUAL CORE 2.8 GHZ/512 DDR/80GBHDD SATA/DVD WRITER/MMKB/OPTICAL MOUSE/17"TFT MONITOR. Sr.Nos. CPU - INA721042T, Monitor - CNN7154D9W (23 No), Blue Star A/C 2 tonne with installation, EPSON MAKE LCD Projector Model EB-59 with 3 feet ceiling stand, VGA Cable 10 Meters, Power cable 10 Meters VAT 12.5 %,, Split Air Conditioners with Digital Remote ONIDA Make (3A) (02 No), 5 KVA UPS SMART 5000	2848391.20
6	Maintenance LAB	Electronically Temp. controlled soldiring & Desoldering Station DDTOS-1700, IC Remover, AMI Diagnostic, Punching Tool Dlink, HP DX 2300 INTEL DUEL CORE 2.8 GHZ / 512 DDR /80 GB HDD SATA / DVD WRITER / MMKB / OPTICAL MOUSE / 15" LG MONITOR CPU INA721044N MON DO5Y408IL088959IN KB : BC3880ACPUE28I MOUSE : F93A90A5BUB01C0, EXTERNAL HDD 400 GB, DLINK DE816TP 10BASE T	763800.00

Sr.No .	Name of Laboratory	Major Equipments	Cost (Rupees)
		ETHERNET HUB 16 PORTS, DLINK DES3226S ETHERNET SWITCH 24 PORTS, Thin Client Card Enjay make (07 No)	
7	Electronics LAB	Intel Core I3 330/350 M 2.4 GHz, 4GB DDR2 RAM, 320 GB HDD, DVD R/W, 18.5" TFT Monitor, Keybaord, Optical Mouse BHBKG-DBKDV-XY3JW-6M6EX-C6227 (24 No), Universal Breadboard System (05 No), Aplab Make 20 Mhz Dual Trace Oscilloscope (05 NO),P-IV 1.9 GHz, 128 MB DDRAM, 1.44 MB FDD, 40 GB HDD 7200 RPM, Onboard AGP/Sound/LAN SVGA, 15" Digital Color Monitor LG Samsung Sr.No D05-303IL049729in, BENQ MM K/B, Logitech scroll mouse, 845 GV M/B, ATX Cabinet (Neotech) (20 no), PC compatible logic analyser	1768576.70
8	Cisco LAB	HP-3330 MT-I-3 Desk top Intel I-3 2120 3.3 GHz, CPU 4 GB RAM, 500 GB HDD, H61 Chip Set Mother Board DVD writer, Optical mouse, 10.5" LCD Monitor DOS (20 No),Intel P-IV 2.4 Ghz(box) with intel 845 GVSR original M/B, CDDR/Sound/AGP/SSB/FSB, 256 MB DDR RAM Hynix(box), 40 GB 7200 ATA100 HDD Seagate, 1.44 MB FDD Sony, 52 x CDROM LG, on board 10/100 mbps intel LAN, 15" Digital Color Monitor LG, Scroll Mouse Logitech, MM K/B,ATX cabinet.Monitor No. D05Y4081LO88957 IN (29 No),CISCO 1841 MODULEAR ROUTER W/2 X FE, 2 WAN SLOTS, 32 FL/128, WIC-2A/S, 2 PORT ASYNC/SYNC SERIAL WAN INTERTFACE CARD FOR CISCO 2660, WRT310N - SG WIRELESS-N BROADBAND ROUTER (1 WAN GE 24 GE BROADBAND ROUTER) SR. NO. 1. CSF01HA3631, 2. CSF01HA04266, Epson LCD PROJECTOR WITH SCREEN, UPS APC 3KVA Offline with batteries SR.NO. JS0726017822, HP LJ1022 Printer , Intel P-IV 2.4 Ghz(box) with intel 845 GVSR original M/B, CDDR/Sound/AGP/SSB/FSB, 256 MB DDR RAM Hynix(box), 40 GB 7200 ATA100 HDD Seagate, 1.44 MB FDD Sony, 52 x CDROM LG, on board 10/100 mbps intel LAN, 15 " Digital Color Monitor LG, Scroll Mouse Logitech, MM K/B, Cabinet. Monitor No. D05-3031LO49927 IN (40 NO), Epson LCD Projector Model EB-59 with Accessory, Access Point Sanyo 3230	2859165.10

Sr.No	Name of Laboratory	Major Equipments	Cost (Rupees)
9	Internet LAB	THINCLIENT ENTER PCBUDDY NETWORK COMPUTING TERMINAL (29 No), HP Server Brilliant ML 150, 160GB HDD, 1.44 MB FDD, 4GB HDD, DVD RW, Optical Mouse HP K/B, HP Monitor 17" TFT BC3530CGAV25ET. CPU : 2293876/SGH452X0RB, LG Split AC 1.5 TON (02 No)	528228.00
10	Language LAB	HP DX 2300 INTEL DUEL CORE 2.8 GHZ, 256 MB DDR, 80GBHDD SATA, DVD RW, OPTICAL MOUSE, HP KB : BC388ACPUEISD, HP 17" TFT : CNN7150HG6 CPU SR.NO. INA721045D (20 No) HP SERVER ML110 WITH 3GHZ, 1GB RAM, 2 X 80 GB HDD, CDROM, OPTICAL MOUSE, CPU : INI71400DQ, ACCESS POINT (02 No) , Projector XD 1160 ACER SR.NO. EYJ560101774600A0F5910, APC Make UPS 5 KVA WITH 7AH 32 NO. BATTERIES , SR.NO. CSA LR63938, LG LCD TV 42" , Teacher Console IK590, LG SPLIT AC 1.5 TON (02 No), HP DX 2300 INTEL DUEL CORE 2.8 GHZ, 512 MB DDR, 80GBHDD SATA, DVD RW, OPTICAL MOUSE, HP KB : BC2AA0AVBU62H9 , HP 17" TFT Monitor	1504800.00

d. Electrical Engineering Department

S. N.	Name of the Laboratory/Workshop	Major Equipment	Cost of Lab in Lacs
1	Basic Electrical Engg. Lab.	Transformer, DC power supply , Dimmer, Star-delta setup, wattmeter Lamp load,	Rs. 1.12 Lacs
2	Electrical Machine Lab.	Slipping Induction Motor, Alternator motor Set, DC Series Motor-Generator, DC Shunt Motor-Generator Set, DC Machine Assembly Kit, DC Power Supply, Oscilloscope (3Nos.), Computer P4 (2Nos.)	Rs. 11.26 Lacs
3	Analog and Digital Circuit Lab.	Digital IC Tester, CRO (10Nos.), LCR Bridge Digital Type, Digital Multimeter, Function Generator, Computer P4 (3Nos.), Digital IC Function Tester, CRO (8), Computer P4 (2)	Rs. 14.60 Lacs
4	Measurement, Instrumentation	Recorder , CRO (6 Nos.), Trainer kits for measurement of Temperature, displacement, angular displacement, capacitive transducer, resistive hygrometer, load cell, hot wire anemometer, Hall-effect, instrumentation tutor port, D/A converter	Rs. 6.44 Lacs

		rtor, Speed Measurement Trainer (2 Nos.), Bridge Circuits (AC & DC), Megger, Trainer kits for network thermos.	
5	Power Electronics Lab.	Oscilloscope (9 Nos.), Signal Digitiser-systronics, 3Phase, Induction Motor Speed Controller, Integrated Thyristor Controller (ITC) (6 Nos.), RMS/Hund Held 41/2 Digital True User's Multimeter, Computer P-IV (3 Nos.) Dielectric Heating Trainer Kit, Induction Heating Trainer Kit	Rs. 11.46 Lacs
6	Control System Lab.	Regulated DC Power Supply, Torque Measurement Tutor using Torque Transducer (2 Nos.), Temperature Controller, DC Motor, Speed Control Demonstration, Strip Chart Recorder	Rs. 1.48 Lacs
7	Microprocessor and DSP Lab.	MATLAB DVD Kit for PC & Unix Release - R2008a (10 User), ORCAD-Capture, PSPICE and Layout (EDA Software) R 9.2, DSP Trainer Kits (5 Nos.), DSP System Generator Ver. 9.2 (N-User), HP Server Proliant ML 150, CRO 30 MHz (2 Nos.) CRO 20 MHz (2 Nos.), Microcontroller trainer kit 89C51 (10 Nos.) AVR Mega-32 Microcontroller kits (4 Nos.), HP make core to duo Computer with 18.5" TFT (46 Nos.), Laser Printer HP-1015, Caddo 823 Techlab 30 MHz, 2 Ch 4 tract with 2 MHz function Generator, triple output power supply frequency counter	Rs. 61.80 Lacs
8	Switch Gear Protection Lab.	Simulation model for protection of 3 phase induction motor, Simulation panel for differential protection of transformer, Simulation model for protection of alternator with DC shunt motor alternator set, Model of SF6 Circuit breaker, Electromechanical type non directional over current relay	Rs. 6.20 Lacs
9	Computer Aided Machine Design Lab.	HP Computers Intel(R) Core(TM) i3-3220 CPU @ 3.30GHz 3.30 GHz (24 Nos.)	Rs. 10 Lacs

e. **Artificial Intelligence and Data Science Engineering Department**

Sr No	Laboratory	Major Equipments	Quantity	Cost (Rupees)
1	Programming Lab	i. HP Server Brilliant ML 150 CPU Sr.No. SGH452XORA L1706 Sr.No. CND 7431QPR K/B Sr.No. B77420AGA QXHUL Mous Sr.No. F66C80F5BQW11P8	01	448033

		<p>ii. HP COMPAQ DX2255 AMD Athlan 3500 GHz 512 MB RAM 80 GB/DVD Combo Drv. CPU Sr.No. INA 80206ZN L1710 Sr.No.CND7513P7Q K/B Sr.No.BC3880ACPUEORA Mouse S.N.F93A90AN3V01YD4</p> <p>iii. HP TC 2120 WITH CPU Regulatory Model 5X150308652-001, 1 GB ECC DDR RAM 512 X2, Additional 86.4 GB SCSI Drive CPU Sr.No. 3034902258 TFT Sr.No.LE15HHAX408523H K/B Sr.No.BC3880ACPUE03G Logitech Mouse PID HS80811</p> <p>iv.Borland Turbo C++ Accelerate Single</p> <p>v.Turbo Accelerate Suite C++(Borland)</p> <p>vi.MAT LAB with Wavelet Tool Box System Identification Tool Box Signal Processing Tool Box</p>	<p>10</p> <p>01</p> <p>01</p> <p>15</p> <p>01</p>	
2	Data Structure	<p>HP Pavilion DV 212TV Notebook PC Dual Core 1.7/ 512 / 80GB / DVD RW/1.3mp webcam/BT/WI-FY/40.1" WIDE SCREEN/CARRY CASE/CELL/NORTON AV/WINXP Sr.NO.2CE7052KH4</p> <p>HP COMPAQ DX2255 AMD Athlan 3500 GHz 512 MB RAM 80 GB/DVD Combo Drv. CPU Sr.No. INA 80206WV L1706 Sr.No.CND 7431QYV K/B Sr.No.BC3880CCPVA3KI Mouse Sr.No.F93A90H5BVD05GM</p> <p>Tablet PC HP 1301 CNF73554Q6</p>	<p>01</p> <p>10</p> <p>01</p>	273170
3	Analog & Digital Electronics Lab	<p>1)OTS Low Cost AD ADC/DAC Cord,</p> <p>2) OTS 102A 14 Bit Theormocouple Input Cord</p> <p>3) OTS 113C Digital I/O cord 144 I/O1 line</p> <p>4) OTS-115 Reed Relay outpurt cord</p> <p>5) OTS-OP to I/O Cord 16input</p>	<p>08</p> <p>01</p> <p>02</p> <p>02</p> <p>02</p>	675500
4	Artificial Intelligence Lab	<p>HP COMPAQ DX2255 AMD Athlan 3500 GHz 512 MB RAM 80 GB/DVD Combo Drv. CPU Sr.No. INA 80206ZN L1710 Sr.No.CND7513P7Q</p>	<p>10</p>	226920.00

		K/B Sr.No.BC3880ACPUEORA Mouse S.N.F93A90AN3V01YD4		
5	Microcontroller, Sensors & Actuators Lab	1.DSP Using TNS 820025, DSP Trainer (Stand 18NPC 101 Keyboard.,DSP Trainer kit TMS320C30, DSP Trainer kit TMS320C30 2. SCRAM development toolset for ARM Micro controller with additional one user and SLA library 4 Nos CDs 1)WEB CAM 01 No. 2) SBC 9302 01 No. 3) SCRAM 01 No.+Dongal -02 Nos. 4) All Software 01 No.	01 each	565181

f. Electronics and Telecommunication Engineering Department

S. N.	NameoftheLaboratory/Workshop	MajorEquipment
1	VLSI	VLSIDesignSoftwareXILINXISESeriesVer.9.2withSpartan-III basedVLSIKit(N-User),VLSI-VHDL-VERILOG-FPGA-CPLD (Singleuser,5Nos.) ,Universal Kit for Xilinx CPLD Xc9572 devices(on board) , Model-EDASX2and Spartan FPGA Device (2 Nos.)
2	CommunicationEngineering	Spectrum Analyzer, CRO Dual Trace(11 No.)CRO Four Trace,Signalgenerator(FM/AM)Radar2354,StrongerExchange50-7 lines,ComputerP4(6Nos.),Caddo823TechLab.,
3	ElectronicsWorkshop	CRO(9Nos.), Process Camera,PhotoResistDipCoatingMachine, Photo Resist Ultravioleted Rich exposing unit , Etching Machine,TinningMachine,AutomaticCoilwindingMachine,P CBEtchingMachine(AGIT), Overhead Projector (2 Nos.), Automatic DigitalICTester,PTHUnit, SheetFoldingMachine,DryFilmLaminator, Dry film developing Unit, Screen Printing Machine, Dip SolderingMachine,OverheadheadProjectorKodakEktaliteE30/E31(2Nos.), ComputerP4(23Nos.)
4	UHF&Microwave	ColourT.V.Trainermainboard32"x24"withcolourT.V.Picture tube.AllassemblywithPCBworking,ColourT.V.Receiverkit,CRO (Dual Trace) (3 Nos.), Tinnel MicrowaveLaboratory,Microwave Laboratory X-Band(2 Nos.), Microwave Laboratory C-bandKlystronwith mount(9134),Analog-Digital TrainingSystem(2Nos.),MicrowaveTestBenchGunnbased(x-Band)Microstripsystemtrainer,IntelIP-4Computers(3Nos.), FunctionGenerator,ComponentDevelopmentSystem(2Nos.) Vector Network Analyzer (1 No.)
5	OFC	D.L.VideofiberopticvideolinkseparatetransmitterandAGCr eceivermodulewith12VDCpowersupplyfiber,Fiberoptictrai ning Lab. With Accessories Falcon make, MOP-VLG fiber opticpower meter Falcon make, MOS 850 fiber optic LED power sourceFalconmake,FI-500FiberOptic continuityTesterFalconmakeCK-1000 ST Connector installation Kit, Falcon Make HE-NE Lasersource,Laser

		Optic Lab & Glass Fiber, CCD Camera Colour ,UVMechanical Splicing kit with accessories Falcon make ,AntennasystemTrainer,S-936FM (Stereo)/AMSynth.SweepSignal+ Markergenerator,STS-3006AntennaAnalysisSoftware
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xiv. List of Experimental Setup in each Laboratory/ Workshop:

Department of Workshop

BE First Year Subject- WORK SHOP PRACTICE (1A5)

PERFORMANCE: Student should perform minimum Six jobs out of following.

- I) **SMITHY** -: Introduction to smithy operations and basic tools and equipment.

One job on smithy-Involving upsetting, drawing down, flanging Change of cross sectional area like round into rectangular or making a ring from a round bar, S – Hook.
- II) **FITTING**: Introduction to Fitting operations and basic tools and equipment.

One Job on fitting- Involving operations like marking, filing, hacksaw cutting, drilling and tapping Making simple assemblies such as a male-female type pair
- III) **TAPS & DIES**: Introduction to Taps & Dies, Different sizes of Taps & dies: & Dies their uses. Holding instruments of taps & dies.

One Job on Taps and Dies-Job involving, External and internal threads on plate or pipe , marking, centre punching, cutting, filing, drilling.
- IV) **SHEET METAL**: Introduction to sheet metal tools and equipment and different sheet metal operation, joints.

One job on sheet metal – Job involving soldering operation like marking, cutting, bending, joining operations of small parts. Typical examples: Sheet metal tray, funnel, dustbin, riveting joint.
- V) **WELDING**: Introduction to welding processes - Arc, Gas and Resistance. Definition of welding, welding Processes, Equipment and Techniques

One job on welding: - Job consists of edge preparation for Arc welding plates ,butt welding of two plates and welding to join plates at right angles.
- VI) **CARPENTRY**: Brief study of various carpentry hand tools, equipment, seasoning and preservation of wood and plywood, safety precautions.

One job on carpentry- Job like preparing a wooden joint, involving operation planning, marking, sawing, chiselling and grooving .Making a T- lap joint, corner joint, Dovetail joint.

VII) **MACHINE TOOLS AND PROCESSES:** Introduction to lathe and drilling machine,.metal turning . Metal shaping.

One Job involving- Turning, Step turning and facing operation.

A journal should be prepared and submitted on above term work

Mechanical Engineering Department/Workshop

BE third Semester , Subject – Manufacturing Process

- Study of safety precaution in workshop.

I) Foundry shop-

A) Pattern Making- Study & construction of different types of patterns ,allowances of patterns.

Job 1 – To Prepared a single piece pattern

Job 2- To Prepare Split pattern.

B) Moulding shop –

Study of different types of sand ,properties of sand ,sand preparation ,moulding tools and equipment, casting .

Job1-To prepare a Single piece pattern mould

Job 2- To prepare Split Pattern Mould.

II) Welding Shop- Study and classification of arc welding, arc welding tools and equipment, demonstration and performance of spot welding and gas welding.

Job1- To prepare a Butt Joint and edge Preparation .

Job2-To prepare a T – Joint (Flat to pipe).

Job 3- A job contains Spot welding.

- Demonstration of bending ,upsetting.

A journal should be prepared and submitted on above term work

BE third Semester , Subject – Manufacturing Process

- Study of safety precaution in workshop.

I] Demonstration of Operation related to lathe, Slotter, Drilling and Grinding Machines.

II] Introduction to lathe machine, different lathe parts, lathe mechanism .

Job 1- On a lathe Covering Step Turning , Facing ,knurling Operation.

Job 2- One job on a lathe includes operations such as Tepper turning ,Threding, Chamfering.

III] Introduction to Shaper ,different parts ,Shaper mechanisms .

Job1- one job on shaper covering plane and inclines serfaces.

A journal should be prepared and submitted on above term work

Mechanical Engineering:

List of Experiments of Practical Subjects

Semester-III

3ME07 Manufacturing Processes-lab

Practicals:-

1. Study of safety precautions in workshop practices.
2. Foundry:- Any two of the following jobs Sand preparation and practice in molding of various types of patterns:-
Pattern making-one job, Molding-one job Casting-one job.
3. Joining Processes:- Two composite jobs involving electric welding, gas welding and resistance welding process.
4. One job on Mechanical Working of Metals like piercing/drawing/bending/embossing/spinning/upsetting, etc.

3ME08 Mechanics of Materials-Lab

Practicals:

Minimum Six to Eight out of the following:

1. Tension test on metals.
2. Compression test on materials.
3. Shear test on metals.
4. Impact test on metals.
5. Hardness test on metals.
6. Tension test on metals.
7. Deflection of beams.
8. Modulus of rupture test.
9. Deflection of springs.

3ME09 Fluid Mechanics-Lab

Practical Term Work:-

At least six (6) practicals (study/Trials) based on above syllabus, as given below shall be performed and a report thereof submitted by the students:

1. Measurement of fluid pressure by manometer.
2. Determination of metacentric height.
3. Verification of Bernoulli's equation.
4. Determination of co-efficient discharge by Venturimeter.
5. Calculation of Reynolds number for Laminar & Turbulent flow.
6. Determination of co-efficient of friction (Major losses in Pipes) through pipe.
7. Determination of head loss due to sudden enlargement.
8. Determination of head loss due to sudden contraction.
9. Determination of loss of head in bends & in elbows.
10. Verification of momentum equation.

3ME10 Machine Drawing - Lab

List of Practicals :

1. Conversion of pictorial view into Sectional Orthographic Projection
2. Missing Views
3. Development of surfaces of Cubes / Prisms / Cylinders / Pyramids / Cones & their cut sections
4. Intersections of Solids – Prism & Prism / Cylinder & Cylinder / Cylinder & Prism / Cone & Prism
5. Conventions for various materials & parts
6. Preparation of detail drawings of simple machine assembly
7. Preparation of assembly drawing of simple machines

Semester-IV

4ME07 Material Science-Lab

List of Practicals:-(At least eight (8) practicals out of the following list.)

1. Study of metallurgical microscope.
2. Preparation of specimen for micro-examination.
3. Moulding of specimen for micro-examination.
4. Study of microstructures of Annealed and normalized plain carbon steels.
5. Study of microstructures of alloy steels and H.S.S.
6. Study of micro structures of various cast irons.
7. Study of micro structures of nonferrous metals.(brasses, bronzes)
8. Study of micro structures of hardened and tempered steels.
9. Study of Iron carbon Equilibrium diagram & Allotropic forms of iron.
10. Study of different Heat Treatment Process for steel.
11. Study of different surface Hardening processes for steels.
12. Study of effect of alloying elements on the properties of steels.
13. Measurement of hardenability by Jominy end quench test apparatus.
14. Study of hardness test and conversion of Hardness number
15. Industrial visit to study heat treatment plant.
16. Measurement of particle size, grain size, nodularity, coating thickness etc. by using some software like Metzer Microcam 4.0

4ME08 Manufacturing Technology-Lab

Practicals:-

1. Demonstration of operations related to lathe, shaper, slotter, drilling & grinding m/cs.
2. One job on lathe covering taper turning and threading.
3. One job on shaper covering plane and inclined surfaces.

The above jobs should include drilling, grinding, tapping etc. Term work should be submitted in the form of journal.

4ME09 Basic Electrical Drives and Control - Lab

List of Experiments:

Any EIGHT practicals from the following list:

1. To study the Specification of Various Electrical Machines.
2. To study the D.C. Motor Starters.
3. To study the Running and Reversing of D.C. Motor.
4. Speed Measurements using Magnetic Pick-up.
5. To study the Speed reversal of counter Current Breaking of 3-phase Induction Motor.
6. To control the speed of D.C. Motor by a) Armature Control b) Field Control.
7. To perform Load Test on Induction Motor.
8. To study Dynamic/Rheostat Breaking of D.C. Motor.
9. To study Characteristics of Thyristor.
10. To study the speed-Torque Characteristic of Servo Motor.

4ME10 Hydraulic & Pneumatic Systems - Lab

List of Practicals:-At least **SIX** (6) practicals based on following :

1. Trial/Study of Pelton wheel
2. Trial/Study of Francis Turbine
3. Trial/Study of Kaplan Turbine
4. Trial/Study of centrifugal pump
5. Trial/Study of reciprocating pump
6. Trial/Study of axial flow pump
7. Trial/Study of hydraulic ram
8. Trial/Study of multistage pump
9. Trial/Study of special pumps (air lift pump/ jet pump)
10. Trial/Study of Gear pump

Any one practical based on CFD software

Semester: V

5ME06 Heat Transfer-Lab.

List of Practicals (Any six of the following):-

1. Determination of thermal conductivity of a metal bar.
2. Determination of thermal conductivity of insulating powder.
3. Study of heat transfer through composite wall.
4. Study of heat transfer through composite cylinders.
5. Determination of fin efficiency.
6. Verification of Stefan-Boltzmann's law.
7. Determination of emissivity of grey body.
8. Determination of heat transfer coefficient for forced convection.
9. Determination of heat transfer coefficient for natural convection.
10. Study of pool & nucleate boiling.
11. Trial on double pipe heat exchanger.
12. Determination of efficiency of cross flow heat exchanger.
13. To write a computer program for conduction heat transfer problem.

5ME07 Metrology & Quality Control-Lab.

Practicals: At least six from the below list.

1. Determination of Linear dimensions of a given specimen/part using Precision/Non-precision measuring instruments.
2. Determination of Angular Measurement using Precision/Non-Precision measuring instruments.
3. Measurement of Gear Tooth Thickness by Gear Tooth Vernier Caliper/Constant Chord/Span Micrometer.
4. Measurement of Circularity/Roundness of a given specimen.
5. Measurement of Screw Thread Element by Floating Carriage Micrometer.
6. Testing of Surfaces by using Optical Flat.
7. Measurements of various angles of single point cutting tool by using Profile Projector and Tool Maker's Microscope.
8. Preparation of Variable Control Charts for the given lot of sample.
9. Preparation of Attribute Control Charts for the given lot of sample.

5ME08 Kinematics of Machines- Lab.

Practicals:-At least eight practicals from the below list shall be performed.

- 1.To Study, analyses and drawing of inversions of four bar mechanism to identify the types and number of links, types of motion and its mode of fixing arrangement for the required application.
- 2.To Study and analysis of inversions of slider crank mechanism using working models and graphical representations to find type & number kinematic pair , type of joint and Degree of freedom.
- 3.To Study and analysis of inversions of double slider crank mechanism using working models and graphical representations to find type & number kinematic pair , type of joint and Degree of freedom.
- 4.To determine Velocity and acceleration of links in mechanism by relative velocity method. (2Problem)
- 5.To determine Velocity and acceleration of Piston of a reciprocating engine by Klein's construction method.(2Problem)
- 6.To find braking force, braking torque of internal expanding and external expanding brake .
- 7.To study, understand and observe the actual working and function of each part of single plate clutch by dismantling and assembling.
- 8.To study, understand and observe the actual working and function of each part of centrifugal clutch by dismantling and assembling.
- 9.Study of dynamometers.
10. To draw Cam profile for a given follower type and follower motion.(2Problem.)
11. To Study and find train value and speed ratio of various types of gear trains
12. To study and drawing of Simple four bar Mechanism using position synthesis.
13. To Study and drawing of four bar mechanism by input-output coordination methods using Bloch's Synthesis and Freudenstein's equation.
14. To study interference and undercutting of spur gear pair using graphical layout.
15. To study and drawing of Generation of Involute and Cycloidal Spur Gear Tooth Profile.

5ME09 Measurement Systems-Lab.

List of Practical:

At least eight practicals from the following list:

- 1.Measurement of strain using strain gauges.
- 2.Calibration of pressure gauge with pressure gauge tester.
- 3.Measurement of linear displacement by LDR and inductive pick-up transducers.
- 4.Performance of capacitance transducer as an angular displacement measuring device.
- 5.Performance of inductive Transducers.
- 6.Measurement of flow using optical flow meter and Rota meter.
- 7.Speed measurement by a stroboscope.
- 8.Speed measurement by magnetic pick up or photo electric pick up tachometer.
- 9.Pressure measurement by strain gauge type transducer.
10. Vibration measurement by using Seismic Transducer.
11. Measurement of Liquid level by using capacitive pickup transducer.
12. Temperature measurement using contact and non-contact type instruments or various types of sensors.

Semester: VI

6ME06 Design of Machine Elements-Lab.

Practical Term Work:

At least Six exercises based on the following:

1. Design of Cotter or Knuckle joint.
2. Design & drawing of screw jack.
3. Design & drawing of Riveted joints.
4. Design & drawing of leaf spring.

5. Design of shaft on the basis of various loading.
6. Design and drawing of Coupling(any one type).
7. Design and drawing of Journal Bearing Plumber Block Type).
8. Design and drawing of connecting rod in IC Engine.
9. Design and drawing of Flywheel .
10. Determine Hydrodynamic lubrication profile using Journal Bearing Apparatus.

6ME07 Dynamics of Machines- Lab.

Practicals:-

At least eight practical from the following list:

1. Study of static force analysis of mechanism. (any 2 problem)
2. Determining the inertia forces of connecting rod
3. Determination of gyroscopic couple using motorized gyroscope .
4. Study of vehicle dynamics.
5. To study the longitudinal vibration of helical spring and to determine the frequency and time period of oscillation theoretically and experimentally.
6. Experiment on free and damped vibration of systems with one degree of freedom.
7. Experiment on forced damped vibration of systems with one degree of freedom.
8. Experiment on free damped torsional vibration.
9. To verify the Dunkerley's rule.
10. To determine the natural frequency of free torsional vibration of single rotor system.
11. To determine the natural frequency of free torsional vibration of two rotor system.
12. Experiment on whirling speed of shaft.
13. Experiment on static balancing of rotating masses.
14. Experiment on dynamic balancing of rotating masses.

6ME08 Cad & Simulation Lab

Practicals:-

Practicals:- Any six practicals from the list should be performed.

1. Creation of 2D drawing (Sketching Module) of any mechanical machine component using any Modeling/drawing software.
2. Creation of isometric view from given orthographic view of any mechanical machine part using any modeling software.
3. Creation of 3D drawing of any mechanical machine part using any modeling software.
4. Creation of assembly of Knuckle joint/ Cotter joint using any modeling software.
5. Creation of sheet metal component using any modeling software.
6. Simulation of Four bar chain mechanism using any modeling software.
7. Simulation of Slider cranks chain mechanism using any modeling software.
8. Simulation of Cam and Follower mechanism.
9. Simulation of Spring-mass system.
10. Thermal Analysis of a 2D component
11. Stress analysis of plate with circular hole
12. Stress analysis of beams (cantilever or simply supported)

6ME09 Research Skills – Lab

Students will have to perform one task from each group.

Group A

To design/fabricate any one system of the following:

- 1) Model based upon science principles.
- 2) Purely mechanical model for the betterment of rural life
- 3) Electromechanical model
- 4) Computer based model using any CAD software
- 5) Pneumatic/hydraulic system for industrial/social application.
- 6) Automated system for industrial/social application.
- 7) A system using non-conventional energy source

8) Arduino / IoT based system for industrial/domestic application

Group B

Prepare a research report on any one of the following:

- 1) To set a manufacturing unit of any product.
- 2) Market research for launching a new product.
- 3) Study of any Small Scale Industry.
- 4) Collection and analysis of data for any research problem.
- 5) Study of Intellectual Property Right(IPR) process.
- 6) Study of various sources of finance/government schemes to set a new business.

Semester: VII

7ME06 Mechatronics–Lab.

List of Practicals(Any-5):

1. Study of pneumatic system
2. Study of PLC and implementation of real life system.
3. Study of Pick & Place robot.
4. Study of bottling plant
5. Study of digital to analog converter
6. Study of D.C. motor control unit.
7. To study application of sensors and actuators

***Practical Examination:**

Practical Examinations shall consist of viva voce based on the term work and syllabus.

7ME07 Energy Conversion II–Lab.

List of Experiments (any 8):

Any six of the following:-

1. Trial on reciprocating compressor.
2. Trial on centrifugal blower.
3. Studies of domestic refrigerator.
4. COP calculation of vapour compression system.
5. Study of vapour absorption system
6. Study of room air conditioner.
7. Study of gas turbine with the help of models.
8. Study of general layout of conventional automobile and its subsystems
9. Study of the general layout of electric vehicle

***Practical Examinations shall consist of viva voce based on above term work.**

PROFESSIONAL ELECTIVE–II

7ME08 (i) Computer Integrated Manufacturing-Lab.

List of Practicals(Any6):

1. Preparation of Manual part program.
2. Preparation of CNC part program.
3. Study of anatomy, configuration of industrial robot.
4. Simulation of CNC Machining.
5. Performance on NC and CNC m/c.
6. Study of programming methods of industrial robots.
7. Creation of 2D Drawing (Sketching module) of any mechanical machine component using any modeling/drafting software.
8. Creation of 3D drawing (part Module) of any mechanical machine parts using any modeling software.

***Practical Examinations shall consist of viva voce based on above term work.**

7ME08 Automobile Engineering Lab

List of Practicals (Any 6):-

1. Classification of Automobiles & Automobile Chassis
2. Study of Differential Mechanism of an Automobile.
3. Study & Application of Multiple Clutch of an Automobile
4. Study, working and operation of Braking System (Hydraulic/Air Brake)
5. Study and Demonstration of different circuit of carburetor
6. Checking the spark plug and setting the port and check the ignition in the spark plug
7. Study & Demonstration of Electrical System of an Automobile
8. Study the assembly of Car Engine
9. Study and demonstration of E vehicle.
10. Study of types of Batteries and Batteries maintenance used in E vehicle.
11. To study the stepper motor and to execute microprocessor/computer based control of the same by changing number of steps, the direction of rotation and speed E vehicle.

***Practical Examinations shall consist of viva voce based on above term work.**

Semester: VIII

8ME05 I.C. Engines-Lab.

List of Experiments (Any Six):

Any six of the following practicals should be performed and

1. Performance test on a single cylinder diesel engine.
2. Performance test on a single cylinder petrol engine.
3. Evaluation of the heat balance for a single cylinder diesel engine.
4. Performance test on a multi-cylinder petrol engine.
5. Morstest on a multi-cylinder petrol engine.
6. Trial on petrol/diesel engine to plot p - θ and p - V diagram.
7. Measurement of exhaust gas emission from S.I. engine
8. Measurement of smoke density of CI engine exhaust.
9. Study of Bosch type single plunger fuel pump.
10. Study of various types of fuel injectors and nozzles.

PROFESSIONAL ELECTIVES-IV

(i) 8ME06 Refrigeration & Air Conditioning-Lab.

.List of Practicals:-

Any six of the following should be conducted and a report thereof should be submitted

1. Trial on Vapour compression system.
2. Trial on Air-conditioning system.
3. Study of Electrolux system.
4. Study of Water cooler.
5. Study of window Air conditioner.
6. Study of household refrigerator.
7. Study of desert cooler.
8. Study of cold storage plant.
9. Testing and changing of refrigeration system.
10. Study of defrosting system.
11. Study/trial of ice plant.
12. Study of various refrigeration and air-conditioning controls.

***Practical Examination: shall consist of viva-voce based on term work report and syllabus.**

(ii) 8MEO6 Finite Element Method

List of Practicals (Any-5):

1. Study of a FEA modeling & FEA packages.
2. Stress Analysis of bars having
3. Constant cross-section area
4. Tapered cross-section area
5. Stepped bar.
6. Stress Analysis of beam (Simply supported or Cantilever) carrying point load and uniformly distributed load.
7. Solve any one 2D problem on CST element.
8. Solve any one problem on truss element
9. Solve any one problem on axis-symmetric element
10. Solve any one problem on steady state heat condition

(iii) 8ME06 Robotics & Industrial Applications-Lab

List of Practicals: (Any-5)

1. Study of components of a real robot & its DHP parameters. 2- Demonstration of robot with 2DOF, 3DOF, 4DOF, etc.
2. Study of positioning and orientation of robot arm.
3. Programming of the robot for industrial application (actual trial on robot, if available or trial on simulation software).
4. Robotic control experiment demonstration using available hardware or software.
5. Integration of assorted sensors (IR, Potentiometer, string gages, etc.) microcontrollers & ROS (Robot Operating System) in a robotic system.
6. Industrial robot application (Any one Mini project)
7. Study of robot simulation software (on any one application)..

(iv) 8ME06 Rapid Prototyping- Lab.

List of Practical (Any-5):

1. To create a 3-D model of a machine component for RP
2. Generation of a Process Plan for fabrication of a product on the basis of CAD Model.
3. Fabrication of part on available RP setup.
4. Post processing of fabricated Additive Manufactured product/prototype. 5- Inspection of fabricated product/prototype for dimensional accuracy and defects.
5. Post processing of CAD model and generation of .stl file using suitable software.
6. Study of principles of various pixel generation techniques and forms of raw materials in RP.

*practical examination:- shall consist of viva-voce based on term work report and syllabus.

List of Experimental Setup each laboratory of Civil Engg. Department:

GEOTECHNICAL ENGINEERING LABORATORY

7CE07: GEOTECHNICAL ENGINEERING- II- LAB.

List of Experiments: (Any six)

1. To determine the shear strength by conducting Field Vane shear test.

2. To identify the subsoil strata by conducting soil resistivity / seismic refractivity method.
3. To determine the soil characteristics by conducting standard penetration test.
4. To determine the bearing capacity of soil by conducting standard penetration test.
5. To determine the soil properties by conducting the static cone penetration test.
6. Computation of bearing capacity by analytical approach to verify with field test.
7. To determine the soil characteristic with respect to soil log bore

Compulsory: Introduction to Geotechnical Software, determination of bearing capacity, earth pressure etc.
professional this software.

GEOTECHNICAL ENGINEERING LABORATORY

4CE9 GEOTECHNICAL ENGINEERING I – LAB

List of Practical's in Geotechnical Engineering- I Lab (minimum eight practical from the list should be performed)

1. Determination of specific gravity of soil solids by Pycnometer, density bottle.
2. Determination of moisture content by oven drying method.
3. Determination of field density of the soil by sand replacement / core cutter method.
4. Determination of grain size distribution by mechanical sieve analysis.
5. Determination of Atterberg's limits (LL, PL and SL).
6. Determination of Compaction properties (Standard Proctor Test).
7. Determination of permeability of soil by using falling head test.
8. Determination of shear strength parameters by direct shear test.
9. Determination of unconfined compressive strength of soil.
10. Determination of shear strength parameters by Tri-axial test of UU type.
11. C.B.R. test. Determination of C.B.R. value by conducting CBR test on soaked sample.
12. Determination of Coefficient of consolidation by conducting consolidation.

SURVEYING LABORATORY

4CE08 SURVEYING– Lab

List of Practical's in Surveying Lab (Minimum eight practical from the list should be performed)

1. Distance measurement by chain tape and EDM.
2. Finding RL of given point.
3. Profile and cross section leveling for road.
4. Measurement of bearings with prismatic compass.
5. Chain and compass traversing.
6. Local attraction detection- correction of bearings.
7. Measurement of Horizontal and Vertical angles using Theodolite.
8. Theodolite Traversing.
9. Plane table surveying- Radiation, Intersection and Resection method.
10. Engineering Project Surveys.

SURVEYING LABORATORY

5CE07: SURVEYING & GEOMATICS – LAB

Following is the list of practical to be conducted. Minimum 8 practical out of the given should be carried out.

- Practical examination shall consist of field exercise and viva-voce examination based on theory & practical.

1. Ranging circular curve by offset from long chord.
2. Ranging circular curve by offset from tangent.
3. Ranging circular curve by offset from chord produced.
4. Ranging circular curve by Rankine's method.
5. Triangulation by satellite station.
6. Base line measurement in triangulation system.
7. To Find horizontal distance and difference in elevation between two points by using Total station.

8. To plot a layout using Total station.
9. Study on Stereoscope.
10. Application of GPS – Distance and Coordinate Measurement using GPS tool.

TRANSPORTATION ENGINEERING LABORATORY

3CE08 TRANSPORTATION ENGINEERING – LAB

List of practicals in Transportation Engineering-Lab (Minimum eight experiments from the list should be performed)

1. Determination of Los Angeles value.
2. Determination of Abrasion value of Aggregates by the use of devil machine.
3. Determination of Aggregate Impact value.
4. Determination of Aggregate Crushing value.
5. Determination of Flakiness and Elongation Index of Aggregate.
6. Determination of Viscosity of Bituminous material.
7. Determination of softening point of bituminous material.
8. Determination of ductility of bitumen.
9. Determination of marshal stability value.

ENGINEERING GEOLOGY – LAB

3CE07 BUILDING CONSTRUCTION & ENGINEERING GEOLOGY – LAB

List of Practical's in Building Construction & Engineering GeologyLab (Minimum any eight practical from the list should be performed)

1. Drawing of following building elements on A-2 size sheet.
 - a) Paneled door, flush door, and glazed window.
 - b) Steel truss with details of joints, details & support, details of fixing of roof covering.
2. Planning & drawing of a staircase for the given data. [On A-2 size sheet, Design calculations, plan & section.]
3. Preparation of foundation plan from the given line plan of a two room building [On a A-2 size sheet.]
4. Layout of the above, in field.
5. Fields visits to building under construction and its report writing including material of construction, construction processes, Human recourses required, and construction details.

6. Sketch book containing Free hand sketches of following:

Different types of foundations, Bonds in brick masonry, Types of floors. [Sections] Types of stairs. [Plans and side view], Line sketches of different types of steel roof trusses, Details of expansion joints, Details of damp proofing for basement, Fixtures & fastenings of doors & windows.

7. To determine shape and size of supplied bricks.

8. Field visit for different types of roof structures.

9. Field visit for studying building component in Load bearing and framed structure.

10. Megascopic study of silicate and non-silicate mineral, with special reference to physical properties of minerals and uses.

11. Megascopic study of the common igneous, sedimentary and metamorphic rocks, with special reference to engineering properties of rock and uses.

TRANSPORTATION ENGINEERING LABORATORY

5CE09 : (I) HIGHWAY CONSTRUCTION AND MANAGEMENT –LAB.

Any Five of the following should be conducted and a report there of should be submitted:

1. Field CBR Test.

2. Pavement Evaluation by Benkelman Beam Method.

3. Road Unevenness Measurement by Bump-Integrator.

4. Valuation of Pavement Roughness by Roughometer / Profilometer.

5. Design of Flexible Pavements for Highway.

6. Design of Flexible Pavements for Runway.

7. Design of Rigid Pavements For Highway.

8. Design of Rigid Pavements For Runway.

9. Design of Overlays.

10. Marshal Stability Test.

11. Transportation management (field studies).

12. Parking management (field studies).

13. Road accident studies (field studies).

14. Rotary design.

Field Visit:

1. Hot – mix plant visit

2. Road construction site visit: Earth work construction procedure and bituminous mix laying, spreading and rolling procedure.

ENVIRONMENTAL ENGINEERING LABORATORY

6CE07: ENVIRONMENTAL ENGINEERING LAB – I

Minimum Eight (8) practicals out of the list given should be carried out. The practical examination shall consist of viva voce based on theory & practical. Graphs are to be drawn wherever necessary.

1. Determination of Turbidity of water sample.
2. Determination of Electrical Conductivity water sample.
3. Determination of pH of water sample.
4. Analysis of Dissolved, Suspended and Total solids.
5. Analysis of Volatile and Fixed solids.
7. Optimum coagulant dose.
8. Determination of Temporary and Permanent Hardness of water sample.
9. Determination of Acidity & Alkalinity of water sample.
10. Determination of Iron and Manganese.
11. Determination of residual chlorine in the given water sample.
12. Total Count of Bacteria Test.

ENVIRONMENTAL ENGINEERING LABORATORY

7CE08 : ENVIRONMENTAL ENGINEERING II – LAB.

Minimum 8 practicals out of the list given should be carried out. The practical examination shall consist of viva voce based on theory & practical. Field visit & report is compulsory.

1. Chemical Oxygen Demand (COD).
2. Dissolved Oxygen (D.O) and Biochemical Oxygen Demand (BOD).
3. Determination of Chloride concentration.
4. Determination of Sulphate concentration.
5. Colour measurement.
6. Odour Measurement.

7. Sludge volume index (SVI) determination.
8. Physical characteristic of solid waste.
9. Analysis of SPM by using sampler.
10. Ambient noise measurement.
11. Sketches on sewer appurtenances.
12. Report of Field visit to Municipal wastewater treatment plant/Industrial effluent treatment plant.

ENVIRONMENTAL ENGINEERING LABORATORY

8CE06 P.E. - IV (iii) ADVANCED WATER TREATMENT- LAB.

Minimum 8 practicals out of the given should be performed. The site visit is compulsory.

1. Determination of Turbidity of water sample.
2. Determination of pH of water sample.
3. Determination of Electrical Conductivity of water sample.
4. Determination of Chlorides.
5. Determination of suspended, settleable, volatile & fixed solids.
6. Determination of hardness of water sample.
7. Determination of Optimum Coagulant dosage.
8. Determination Dissolved oxygen and BOD for the given sample.
9. Determination of COD for given sample.
10. Report of Field visit to Municipal Water Treatment Plant.

MATERIAL TESTING LABORATORY

3CE06 – STRENGTH OF MATERIALS – LAB

List of Practical's in Strength of Material Lab (Minimum any eight practical from the list should be performed)

1. Tension test on metals.
2. Compression test on metals.
3. Shear test on metals.
4. Impact test on metals.

5. Hardness test on metals.
6. Torsion test on metals.
7. Deflection of beams.
8. Modulus of rupture test.
9. Buckling of columns.
10. Deflection of springs.

4CE06 BUILDING PLANNING DESIGNING & CAD – LAB

A. SKETCH BOOK :

1. Draw various types of lines, Graphical symbols for materials, doors, windows, sanitary and water supply installations, electrical installations, Abbreviations as per IS 962:1989, Location for bed, sofa, dining table with chairs, wardrobe, kitchen furniture, etc. Free hand sketches of Verandah, lobby, passage, corridor and balconies. Building layout plan with setback lines, sanitary and water supply lines. Loft and Mezzanine floor.
2. Collect one readymade drawing for residential building (1 BHKD or 2BHKD) Read various details shown on drawing. write summary of observations on the drawing itself such as orientation of rooms, placement of doors and windows, wall thicknesses, flooring in rooms and sanitary block, skirting, dado, kitchen platform-size, height etc; room height, chajja projections, staircase-rise, tread, landing etc. Attach these drawings with the sketch book.
3. Draw line plans for five Residential Buildings with minimum three rooms and staircase in each with WC and Bath.
4. Draw line plans for five Public Building- School Building, Primary Health Centre, Hospital Building, Bank, Post Office, Hostel, Canteen and Shopping Complex. Bar & Restaurant and Hotels, Saloon, Bus Station.

B. FULL IMPERIAL SIZE SHEET (A1)

AUTOCAD: Understanding basic concepts such as Absolute, relative & world Co-ordinates, Drawing units, drawing limits, extend, layers, line types, object snapping, and filter. Drawing entities in AutoCAD/Felix CAD, various drawing commands, use of object snaps & filters, Editing the

drawing different editing commands, Dimensioning commands, Text commands, Hatching commands viewing the drawing different views, view ports, zooming in & out, panning, saving & printing in different scales.

Draw sheet no. 1, 2 and 3 drawing in Auto-CAD or similar software. Prepare sheet no. 3 in Pre-DCR software.

1. SHEET NO. 1 : Submission drawing, **to the scale 1:100**, of single storied Load Bearing Residential Building (4 Room) with Flat Roof and staircase showing developed plan, elevation, section passing through Stair or W.C. and Bath, site plan (1:200), **foundation plan and section (1:50)**, area statement, schedule of openings , construction notes.
2. SHEET NO. 2 : Submission drawing, to the scale 1:100, of (G+1) Residential Building Framed Structure (2 BHKD) with attached toilet to 1 bedroom showing the position of European type WC pan) showing developed plan, elevation, section passing through staircase, site plan (1:200), foundation plan **and section (1:50)**, area statement,

schedule of openings. (Also Show the place for Washing machine, WHB, Pooja, store, bed, dining table with chairs, sofa, wardrobe etc.)

3. SHEET NO. 3: Submission drawing of Apartment / Multi storeyed building to the scale 1:100, showing developed plan, elevation, section passing through staircase or W.C. and Bath and Component Drawing of RCC Lintel and Chajjas. Shows detailed enlarge section.

Note: No identical plans and every student must have his/her own plans and drawings

CONCRETE TECHNOLOGY LABORATORY

3CE09 CONCRETE TECHNOLOGY & RCC – LAB

List of Practicals in Concrete Technology & RCC Lab (Minimum eight practical from the list should be performed) :

- 1. Mix Design (Compulsory) by IS method.**
- 2. Compulsory site visit and submission of site visit report.**
- 3. Fineness of cement.**
- 4. Soundness of cement.**
- 5. Consistency and setting time of the cement.**
- 6. Compressive strength of cement.**
- 7. Sieve analysis of aggregate.**
- 8. Bulking of sand (fine aggregate).**
- 9. Silting of sand.**
- 10. Workability by slump cone test compaction factor test.**
- 11. Admixture: Density, Compatibility Test.**
- 12. Workability by flow table method.**
- 13. Compressive & Tensile strength of concrete..**

4CE07 - HYDROLOGY & WATER RESOURCE ENGINEERING - LAB

TERM WORK: Five problems from the following to be worked out by the students, whenever necessary scale drawing on half empirical size must be drawn:

1. Fixing control levels of Reservoir from given data.
2. Cross section, plan, L-section of Earth dam showing all components.
3. Drawing of elementary and practical profile of gravity dam.
4. Drawing of diversion weir on permeable foundation.
5. Drawing of ogee spillway with energy dissipaters.
6. Computer Aided design of unlined and lined canal.

7. Drawing of any four canal structure (No design)

8. Technical Field visit.

SCE06 : DESIGN OF REINFORCED & PRESTRESSED CONCRETE STRUCTURES - LAB

Practicals:

- 1. Candidates are required to prepare at least two designs based on theoretical course detailed working drawings are necessary.**
- 2. A journal/report on design shall be submitted by each student. Practical examination shall be viva-voce based on above practical and the syllabus of the course.**
- 3. Field visit on any RCC framed structure & report of the same.**

Department of AI&DS

B.E. Second Year (AI&DS) Third Semester

3AD06: PROGRAMMING METHODOLOGY USING PYTHON – LAB

1. Write a program to understand basic Python interpreter
2. Write a program to perform String Manipulation and Functions
3. Write a program to implement Python Data structures
4. Implement Classes and Objects using Python
5. Design a program to understand Overloading in Python
6. Design a program to understand Overriding in Python
7. Implement Inheritance using Python
8. Develop a Python code for Information hiding
9. Implement Python's Modules and Packages
10. Write a program to illustrate concept of File handling
11. Write a code to load Data with library such as Pandas-Numpy.

3AD07: DATA STRUCTURES – LAB

1. A) Write a program to find location LOC and value MAX of largest element in an array DATA with 'n' elements.
B) Write a program to find location LOC1, value MAX1 of largest element and location LOC2, value MAX2 of second largest element in an Array DATA with 'n' elements.
2. Write a program to implement array with insertion, deletion on
 - a) Unsorted array
 - b) Sorted Array
3. Write a program to implement Stack and Queue using Array
4. Write a program to evaluate Postfix expression using Stack.
5. Write a program to implement Recursion for
 - a) Factorial of a number
 - b) Fibonacci series
 - c) Tower of Hanoi Problem
6. Write a program to implement Stack and Queue using Linked List

7. Write a program to implement Preorder Traversal of a Binary Tree.
8. Write a program to search a given number using Binary Search
9. Write a program to implement Merge Sort

3AD08: ANALOG & DIGITAL ELECTRONICS – LAB

1. To study V-I characteristics of a PN junction diode in forward and reverse bias.
2. Study of common base configuration of Transistor.
3. To study the Drain and Transfer Characteristics of a Junction Field Effect Transistor (JFET).
4. Study logic gates IC's and verify the Truth Table of logic gates.
5. Realization of Half and Full adder using logic gates.
6. To compare two 4 bits number and verify the output using 4-bit comparator IC 7485.
7. Implementation of 4x1 multiplexer using logic gates.
8. To construct different types of flip-flops and verify the truth tables.
9. Study of Inverting and Non-inverting amplifier using OP-AMP
10. Study of Half wave rectifier circuit with and without filter

3AD09: C SKILL – LAB I

1. Introduction to PHP and configure it to work with Apache Web Server.
2. Write a HTML code to display your family information.
3. Write a HTML code to display your college with hyperlink.
4. Create a PHP page using functions for comparing three integers and print the largest number.
5. WAP in PHP to check whether the given number is prime or not.
6. Write a PHP function to calculate the factorial of a number.
7. Create a PHP page which accepts string from user. After submission that page displays the reverse of provided string.
8. Write a PHP function that checks if a string is all lower case.
9. Write a PHP script that checks whether a passed string is palindrome or not?
10. Write a PHP script that finds out the sum of first n odd numbers.
11. Write a PHP program to print Fibonacci series using recursion.

B.E. Second Year (AI&DS) Fourth Semester

4AD06: ARTIFICIAL INTELLIGENCE – LAB

1. Write a program to implement Breadth – First Search.
2. Write a program to implement Depth – First Search.
3. Write a program to implement TIC-TAC-TOE Game.
4. Write a program to implement 8 – Puzzle problem
5. Write a program to implement Water Jug Problem
6. Write a program to implement Travelling Salesman Problem
7. Write a program to implement Tower of Hanoi problem.
8. Write a program to implement Monkey Banana Problem.
9. Write a program to implement Missionaries – cannibals Problem.
10. Write a program to implement N-queens Problem

4AD07: OPERATING SYSTEM – LAB

1. To simulate First Come First Serve & Shortest Job First process scheduling algorithm
2. To simulate Shortest Job First process scheduling algorithm
3. To simulate Preemptive Shortest Job First process scheduling algorithm
4. To implement Priority Based Process scheduling Algorithm
5. To implement the FIFO page replacement policy
6. To implement the LRU page replacement policy
7. To implement contiguous memory allocation strategies to detect fragmentation using: First Fit, Best Fit and WorstFit.
8. To implement FCFS Disk Scheduling algorithm

4AD08: MICROCONTROLLER, SENSORS & ACTUATORS – LAB

- 1) Write a 8051 Assembly Language Program to add two 8 bit data stored in Reg, 1 and Accumulator. Store the result in in Reg. R2 (Higher byte) and Reg. R3 (Lower byte) use simulator Sim31 to verify your result.
- 2) Write an Assembly Language Program to multiply two 8 bit numbers stored in internal memory location 40H and 41H. Store the 16 bit result in internal memory locations 42H (MSB) and 43H (LSB).
- 3) Write an Assembly Language Program to find number of 1's in a given byte stored in internal RAM location 50H. Store the result at RAM location 51 H.
- 4) Write an Assembly Language Program to find square of a given number (between 0 to 9) stored R3 Using Lookup Table. Display the square at Port. 0.
- 5) Two numbers are stored in internal RAM location 50H and 51H. Write an assembly language program to find the greatest number sent it to Port 1 (P1)
- 6) Write an assembly language program to toggle all port P1 bits with a delay of 1 sec. The delay is to be generated using timer 0.
- 7) Write an 8051 assembly language program to implement event counter using microcontroller kit such that register R1 increments whenever interrupt INT 1 occurs. Display contents of R1 on port P1 connected to LEDs. (H.W)
- 8) Write ALP to rotate the stepper motor for an angle of 45° Given the step angle of 1.5° .

4AD09: C-SKILL LAB. – II

1. Study Raspberry Pi and its component.
2. Learn how to install Raspberry Pi.
3. Learn configuration settings of Raspberry Pi.
4. Start Raspberry Pi and learn the basics of editor and Raspberry Pi infrastructure.
5. Start Raspberry Pi and try various Linux commands in command terminal window , Such as: ls, cd, touch, mv, rm, man, mkdir, rmdir, tar, gzip, cat, more, less, ps, sudo, cron, chown, chgrp, ping etc.
6. Write a program to Read your name and print Hello message with name in python.
7. Write a program to do Word and character count of a given string in python.
8. Write a program to calculate Area of a given shape (rectangle, triangle and circle) in python.
9. Write a program in python to Print a name 'n' times, where name and n are read from standard input, using for and while loops.
10. Write a program in python to Handle Divided by Zero Exception.

11. Write a program in python to Print current time for 10 times with an interval of 10 seconds.
12. Write a program in python to Read a file line by line and print the word count of each line.

B.E. Third Year (AI&DS) Fifth Semester

5AD06: Machine Learning Technique – LAB

1. Implementation of SVD using Python code.
2. Implementation of Dimension reduction using SVD.
3. Implementation of Principle Component Analysis (PCA) using Python.
4. Implementation of Gradient Descent Algorithm using Python.
5. Implementation of Simple Linear Regression Algorithm using Python.
6. Implement Multiple linear regression using Python coding.
7. Implementation of K Nearest Neighbor using Python.
8. Implementation of K-mean Clustering using Python.

5AD07: COMPUTER NETWORK – LAB

1. To study various LAN topologies and their creation using network devices, cables and computers..
2. To Study the categories of Transmission Media: Guided and Unguided
3. To study how to connect the computers in Local Area Network.
4. Familiarization with Networking Components and devices: LAN Adapters, Hubs, Switches, Routers etc.
5. Write a program of bit stuffing used by Data Link Layer
6. Write a program to implement CRC (Cyclic Redundancy Check)
7. Write a program to implement Checksum
8. Write a program to implement Sliding window
9. Configure Internet connection and use IP-Config, PING/Tracer and Netstat utilities to debug the network issues.
10. Configuration of TCP/IP Protocols in Windows and Linux.
11. Write a C Program to determine if the IP Address is in Class A, B,C,D, or E
12. Write a C Program to translate Dotted Decimal IP Address into 32 Bit Address.

5AD08: INTERNET OF THING– LAB

1. Familiarization with Raspberry Pi Model 4B board and perform necessary software installation
2. To interface LED with Raspberry Pi board using GPIO Connector and write a program to turn ON LED for 1 sec after every 2 seconds.
3. To interface Push button/Digital sensor (IR/LDR) with Raspberry Pi board using GPIO Connector and write a program to turn ON LED when push button is pressed or at sensor detection
4. To interface Push button/Digital sensor (IR/LDR) with Raspberry Pi board using GPIO Connector and write a program to send email message whenever push button is pressed or at sensor detection
5. To interface DHT11 sensor with Raspberry Pi and write a program to print a temperature and humidity readings.
6. To interface LED with Raspberry Pi and write a program to control it through internet using suitable web service such as dweet.io.
7. To log Raspberry Pi Temperature and Humidity DHT sensor data with cloud based PaaS like ThingSpeak and analyze it.
8. To log Raspberry Pi Temperature and Humidity DHT sensor data with cloud based PaaS like ThingSpeak and provide facility for receiving email alert whenever temperature exceeds certain threshold level.

5AD09: C-SKILL LAB. – III

List of Experiments: This is the sample list of Experiments; minimum 8 experiments are to be performed covering the entire syllabus. At least two experiments should be beyond syllabi based on learning of syllabi (Apply)

1. Introduction to the Node.js and its installation to print Hello World
2. To study HTTP module and implement Node.js as a web server
3. To study and implement Node.js File system module to read, write, create, update, delete and rename the file
4. To study the URL module of the Node.js and write a program that opens the requested file and returns the content of the file to the client. If anything goes wrong, throw a 404 error
5. To convert the output "Hello World!" into upper-case letters by installing the “upper-case” package of NPM.
6. To study and implement the Formidable module of Node.js to upload the file on the server.
7. To install MySQL and its driver and create connection with it using Node.js.
8. To demonstrate the creation database and table in MySQL using Node.js To demonstrate the insertion of single and multiple records in the MySQL using “INSERT” statement and Node.js
9. To demonstrate the display of records from the MySQL database using “SELECT” statement and display it using Node.js
10. To demonstrate the display the records based on condition from the MySQL database using “WHERE” statement using Node.js

B.E. Third Year (AI&DS) Sixth Semester

6AD06: DATA ANALYTICS – LAB:

1. Write an **R program** to take **input from the user (name and age)** and display the values. Also print the version of R.
2. Write an R program to get the **details of the objects in memory**.
3. Write an R program to find the **maximum and the minimum value of a given vector**.
4. Write an R program to create three vectors a, b, c with 3 integers. Combine the **three vectors to become a 3×3 matrix** where each column represents a vector. Print the content of the matrix.
5. Write an R program to create a vector which contains **10 random integer values between -50 and +50**.
6. Write an R program to create a sequence of numbers from 20 to 50 and find the **mean of numbers** from 20 to 60 and sum of numbers from 51 to 91.
7. Write an R program to get the first 10 **Fibonacci numbers**.
8. Write an R program to create a simple **bar plot** of five subjects' marks.

6AD07: DATABASE MANAGEMENT SYSTEM FOR DATA SCIENCE – LAB:

1. To study database and its related concepts.
2. To study and implement DDL commands.
3. To study and implement basic DML commands.
4. To study and implement DQL commands.
5. To study and implement SQL commands for string operations, Order by clause, having clause.
6. To study and implement DML commands like In, Not in, Some, All, Exists and Not Exists.
7. To Study and implement aggregation functions like min, max, avg, sum, count.
8. To study and implement Constraints.

6AD08: DATA WAREHOUSING – LAB

1. Talend Open studio Installation.(ETL Tool)
2. To Study Talend open studio and its functionality like to create job, delete job and duplicate job.
3. To study how to manage a job in the Talend open studio for a data integration platform.
4. Create a Job that reads data from one Delimited File and then writes the data to a new Delimited File.
5. To implement Dynamic Schema to load data dynamically to database tables
6. To study how to translate the scenario into a Job.
7. To study, configuring the Talend Data Quality data mart
8. Study practical on data warehouse tools.

6AD09: C SKILL LAB – IV

1. Study and implement Linux commands
2. Study practical on installation of java, Tomcat Server
3. Study practical on software development life cycle
4. Study practical on DevOps life cycle & stages
5. Study practical on DevOps Tools (Docker, Jenkins, Git, Jira, copado)
6. Learn about DevOps Pipeline (CI /CD) using any tool
7. 7 Study Practical on AWS for DevOps
8. Study Practical on Microsoft Azur for DevOps
9. 9 Study Practical on Google Cloud for DevOps
10. Study Practical on Salesforce with Copado for DevOps
11. To setup and configure of Jenkins
12. To create Job and manage it using Jenkins

Department of Electrical (Electronics& Power) Engineering

3EP06 ELECTRICAL CIRCUIT ANALYSIS LAB

List of Experiments

1. Verification of output response of series R-C circuit for step input
2. Study of dot convention and determination of
A) Mutual inductance B) Coupling coefficient of b transformer
3. Verification of Mesh and Node analysis.
4. Verification of Superposition theorem.
5. Verification of Thevenin's theorem.
6. Verification of Maximum Power Transfer theorem.
7. Verification of reciprocity theorem.
8. Study of Milliman's theorem& verification.
9. Verification of Norton's theorem.
10. Determination of ABCD parameters T-network & II-network.
11. Study of Tie set and Cut set schedule for a given network.
12. MATLAB simulation for o/p verification of any theorem.
13. Determination of Z and Y parameter.
14. Determination of hybrid parameter.

Note :**Perform minimum eight experiments**

3EP07 ELECTRICAL MACHINES - I LAB

List of Experiments

1. To study the build-up of DC shunt generator, calculate critical resistance at different speeds.
2. Speed Control of DC Shunt motor by armature control & Field Control method.

3. Perform the direct load test on DC series motor to plot its performance characteristics, and determine its efficiency and speed regulation.
4. Perform Electric Braking Operation on DC shunt Motor.
5. To perform speed torque characteristics of D.C. compound motor.
6. To Plot speed –Generated voltage characteristics of D.C. tachogenerator.
7. Calculate the Equivalent circuit parameters of single-phase transformer by performing OC & SC test on it and determine its efficiency and voltage regulation.
8. Perform the direct load test on single phase/three phase transformer and determine its efficiency and voltage regulation.
9. Conversion of three phase to two phase supply system using Scott Connection
10. To study of (a)Power Transformer, (b) Distribution transformer

Note :**Perform minimum eight experiments**

3EP08 ELECTRONIC DEVICES & CIRCUITS LAB

List of Experiments

1. To study and verify V-I characteristics of semiconductor diode
2. To study and verify V-I characteristics of Zener diode.
3. To verify the performance of half wave rectifier circuit with and without filter.
4. To verify the performance of full wave bridge rectifier circuit and determination of load regulation.
5. To verify the performance of Zener voltage regulator.
6. To verify characteristics of bipolar junction transistor
7. To study and perform C-E amplifier gain with variation of load resistance.
8. To study and verify the characteristics of FET
9. To study UJT as a relaxation oscillator
10. To study phase shift oscillator & determine frequency of oscillation
11. To study characteristics of MOSFT
12. To study clipper circuits using diodes
13. To study clamper circuits using diodes
14. To study and verify operation of cascade amplifiers

Note :**Perform minimum eight experiments**

3EP09 ELECTRICAL TECHNOLOGY – LAB

List of Experiments

1. Introduction to standard symbols used in wiring diagrams
2. Introduction to different wiring accessories.
3. Demonstration of different types of wirings eg. Domestic wiring, commercial wiring, Industrial wiring.
4. Connection of Staircase wiring, Godown wiring, fluorescent lamp. Ceiling fan, air cooler etc
5. Domestic wiring diagrams
6. Connections of switch board, MCB and energy meter
7. Testing and electrical Maintenance of domestic appliances like lamps, electric iron, heater, geyser, air cooler, fan, microwave-oven, induction heater, etc.
8. Insulation resistance and earth resistance measurement
9. Conduct the load survey for domestic/commercial /Industrial consumers
10. Illumination system Design (selection of type and number of lamps required for any location)
11. Calculation of Energy bill for LT & HT consumers.
12. Safety precautions while working with electrical system
13. Demonstration of first aid treatment after getting electric shock.
14. Study of various components of solar power plant.
15. Design calculation of small capacity roof top solar power plant

Note :**Perform minimum eight experiments**

4EP06 ELECTRICAL MEASUREMENTS & INSTRUMENTATION- LAB

List of Experiments

1. Measurements of Low resistance by using Kelvin double Bridge.
2. Measurements of Medium resistance by Ammeter Voltmeter method/Wheatstone Bridge
3. Measurement of High resistance by Loss of Charge method.
4. Measurement of Insulation resistance by using Megger
5. Measurement of unknown Inductance using Maxwell Bridge/Hay Bridge/Anderson Bridge
6. Measurement of Unknown Capacitance by Desauty Bridge/Schering Bridge
7. Measurement of frequency using Wien Bridge
8. Extension of range of ammeter using shunt/CT.
9. Extension of range of voltmeter using multiplier/PT.
10. Calibration of Wattmeter by Phantom loading
11. Calibration of energy meter to detect the error in it.
12. Measurement of active & reactive power measurement in 1 phase / 3 phase circuit.
13. Measurement of rotational speed using stroboscope
14. Conversion of non electrical quantity into its equivalent electrical quantity using proper transducer.
15. Compare the accuracy, preciseness, sensitivity of Analog & Digital Measuring Instruments.

Note :**Perform minimum eight experiments**

4EP07 CONTROL SYSTEM LAB

List of Experiments

1. Study of Potentiometer
2. Study of A.C. Synchro and its characteristics
3. Determination of Transfer Function of D.C. Generator
4. Determination Of Transfer Function of D.C.Servomotor and Its Characteristics
5. Performance Characteristics of a D.C. Motor Angular Position Control System
6. Determination Of Frequency Response of Given R-C Network
7. Determination Of Transfer Function of A.C. Tacho-Generator
8. Experimental Study Of The Operating Characteristics of a Small Stepper Motor and Its Controller
9. Study Closed Loop PI Controller System and Its Time Response to Different Input.
10. Experimental Study of Position Control of DC Motor using Arduino
11. Experimental Study of Time Domain Analysis of Second Order Control System
12. Study AC Position Control System

4EP08 ANALOG AND DIGITAL CIRCUIT LAB

List of Experiments

1. To Plot Frequency Response Of Non-Inverting Mode Of Op-Amp Using IC741 and Determine the Bandwidth & Maximum Gain
2. To Plot Frequency Response Of Inverting Mode Of Op-Amp Using IC741 and Determine the Bandwidth & Maximum Gain
3. To Perform Op-Amp as Differentiator Using IC741 .
4. Design The Circuit for Supplying 5V,25mA As A Low Voltage Regulator Using IC 723
5. Verification Of Truth Table Of Various Logic Gates Using ICs
6. To Study and Verify The Operation Of SR and MS ,JK Flip Flop
7. To Verify The Operation Of Multiplexer Using IC74153.
8. To Design And Verify Function Of Decade Counter using IC 7490
9. To Verify The Truth Table Of 4 Bit Comparator
10. To Perform Op-Amp As Integrator Using IC741
11. A stable Multi-vibrator Using IC 555timer
12. To Study And Verify The Operation Of Half-Adder And Full-Adder

4EE10/ 4EP09 /4EX09 ELECTRONIC TECHNOLOGY LAB

List of Experiments

Perform Minimum Eight experiments / demonstration based on the following content and prepare the report as a term work for this laboratory.

Study of electronic Components: Identification of components, name, types, symbol, size, rating and application.

Handling Electronic Components: Finding values and testing (using DMM), test working condition, fault detection.

Working with breadboards: understanding the breadboards for component mounting, working with small circuits on breadboard

Soldering:Soldering skill tips- use of proper soldering Iron, Metal, Flux, Cleaning, Tinning etc., mounting components on zero PCB, testing of small circuits mounted on zero PCB. De-soldering of components

PCB Layout and design: Understanding different PCBs, Working on PCB Layout (Software), PCB etching, drilling on PCB, Mounting components on PCB, Working with small circuits on PCB and their testing Electronic circuit

Simulation: Familiarizing with the simulation software, simulation and result validation of simple circuit with software.

5EP06 POWER SYSTEM – I LAB

List of Experiments

1. To study the performance of a transmission line using a nominal T model.
2. To study the performance of a transmission line using a nominal π model.
3. To calculate A,B,C,D parameters for a transmission line by using nominal T model
4. To calculate A,B,C,D parameters for a transmission line by using nominal π model.
5. To study skin effect, proximity effect and Ferranti effect in transmission line.
6. To study Corona phenomenon and corona loss and its control in transmission line.
7. To study conversion of single line diagram to impedance diagram and reactance diagram for a typical power system.
8. To draw the circle diagram for a typical power system.
9. Study of a tap changing transformer (ON load and OFF load tap changing).
10. Study of static VAR generator and synchronous condenser.
11. To study different types of insulators used in power system & their comparison.
12. To conduct a dry and wet test on a pin type insulator.
13. To conduct a flashover test on an insulator.
14. To study a horn gap.
15. To study different types of power cables.
16. To study testing of cables.
17. To draw different Tower structures Note: Above experiments may be conducted by using models, simulation, numerical, drawing sheets or experimentation.

5EP07 MICROPROCESSOR & MICROCONTROLLER- LAB

List of Experiments

1. Write an Assembly Language Program for the Addition of two 8-bit/16-bit numbers
2. Write an Assembly Language Program for the Subtraction of two 8-bit numbers
3. Write a Program for Finding the larger and smaller one among the two 8-bit numbers
4. Write a Program for Finding the largest/smallest number in array of 8-bit numbers
5. Write a Program for Masking and setting of nibbles
6. Write a Program for Block data transfer in same and reverse order
7. Write a Program for Sorting of even and odd numbers from an array of 8-bit numbers
8. Write a Program for Multiplication of two 8-bit numbers
9. Write a Program for Square wave generation using 8255 PPI
10. Write a Program for Stepper motor control using 8255 PPI
11. Write a Program for Interfacing ADC with 8085/8051 using 8255 PPI

12. Write a Program for Interfacing DAC with 8085/8051 using 8255 PPI
13. Write a Program for Lamp load control using 8255 PPI
14. Write a Program for measurement of DC Voltage /Current using ADC, 8255 PPI
15. Study of Architectural Differences: Microprocessor 8085, and Microcontroller 8051

5EP08 ELECTRICAL MACHINES-II LAB :

1. Perform the load test on three phase IM & plot its performance characteristics.
2. Perform the No load test on three phase IM to separate out its no load losses.
3. Estimate the performance parameters of three phase IM from its circle diagram.
4. Plot the equivalent circuit of three phase Induction motor.
5. Study of different types of starters used for three phase IM
6. Speed control of three phase squirrel cage Induction motor by various methods like stator voltage control method, frequency control method, changing number of poles.
7. Speed control of three phase Induction motor.
8. Perform the electric braking of three phase Induction motor.
9. Perform the load test on single phase IM & plot its performance characteristics.
10. Load test on three phase alternator to determine its performance parameters.
11. Synchronize the three-phase alternator with infinite bus-bar
12. Perform the OC & SC test on synchronous generator to estimate its regulation by EMF & MMF methods
13. Estimate the regulation of three phase alternator using ZPF method.
14. Perform the load test on three phase Synchronous motor.
15. Plot the V & inverted V curves of synchronous motor.

5EP09 INFORMATION & COMMUNICATION TECHNOLOGY – LAB

List of Experiments

Student needs to complete minimum eight assignments based on the following Word Processing with MS-Word: · Basic operations- Editing and Formatting text, paragraphs and pages, printing the documents. · Working with tables, figures, images. · Mail merge. Working with Charts, Equations, symbols. Working with workbooks /work sheets. · Data Entry techniques & Defining data set as a Table. · Setting, Previewing, and Printing under MS-Excel. · Performing Calculations, using Excel Formulas, Functions and Charts. · Sorting/ Filtering data in excel sheet. Working with MS Power Point. · Presentation Basics. Adding more components to the slides, Printing the slides. · Formatting Presentations, backgrounds and layout. Applying Themes.Using Slide Master. · Working with Graphics, Images and Clips. · Working with Multimedia. Inserting Sound and Narration. · Delivering Presentations. Animating Objects.Adding Action effects. · Live Presentation. Using Custom Shows. · Saving/Protecting the Presentation. Working with Latex: · Basic operations- Editing and Formatting text, paragraphs and pages, printing the documents. · Working with tables, figure & images. Web Page Development: · Introduction to HTML, CSS, JAVA Coding. · Development of Web page. *****

6EP06 POWER ELECTRONICS LAB

List of Experiments

1. To verify the V-I characteristics of SCR
2. To verify forward and reverse characteristics of DIAC
3. To verify forward and reverse characteristics of TRIAC
4. To study UJT as relaxation oscillator
5. AC voltage control using triac - diac combination
6. To verify the operation of half and full controlled converter
7. To verify the operation of SCR commutation circuits
8. To design & simulate dc-dc buck converter
9. To design & simulate dc-dc boost converter
10. Construct and test the dc chopper control circuit using thyristor
11. Study of PWM based step down dc chopper using MOSFET/IGBT
12. To verify the operation of Single phase single pulse / sinusoidal PWM inverter using MOSFET/IGBT
13. To verify the operation of Single phase parallel inverter using MOSFET/IGBT

14. To verify the operation of Single phase to single phase cycloconverter
15. To verify the operation of Single phase dual converter With R - RL loads
16. To verify the operation of Single phase ac voltage controller

Note : Perform minimum eight experiments:

6EP07 ELECTRICAL ENERGY DISTRIBUTION & UTILIZATION LAB

List of Experiments:

- 1) Study of Distribution substation equipments.
- 2) Study of various types of busbar arrangements.
- 3) Study of Power distribution system.
- 4) Study of Distribution Automation system.
- 5) Prepare a report on visit to distribution substation.
- 6) Simulation of various types of Electrical Distribution System (Radial, Parallel, Ring main)
- 7) Development of single line diagram of of 33/11 kV substation in AutoCAD Electrical
- 8) Determination of Efficiency by Performing Load Test on Three-Phase Induction Motor.
- 9) Determination of Efficiency by Performing Load Test on DC Shunt Motor.
- 10) Electric Braking of DC.Shunt Motor.
- 11) Electric Braking of Three-Phase Induction Motor.
- 12) Speed Control of Three-Phase Slip-Ring Induction Motor.
- 13) Determination of Efficiency by Performing Load Test on Single-Phase Induction Motor.
- 14) Study of Electric Heating.
- 15) Design Scheme of Illumination System.
- 16) Study of Electric Traction System .

Note :**Perform minimum eight experiments**

6EP08 COMPUTER AIDED ELECTRICAL MACHINE DESIGN LAB

List of Computer Programme:

1. Develop a computer programme for core design of a single-phase core type transformer
2. Develop a computer programme for core design of a single-phase shell type transformer
3. Develop a computer programme for core design of a three-phase core type transformer
4. Develop a computer programme for optimum core design of a three-phase core type transformer for minimum cost or maximum efficiency.
5. Develop a computer programme for Estimation of Iron losses in a three-phase core type transformer.
6. Develop a computer programme for windings design of a single-phase transformer
7. Develop a computer programme for windings design of a three-phase transformer
8. Develop a computer programme for calculating the No load current of a single-phase transformer.
9. Develop a computer programme for calculating the No load current of a three-phase transformer.
10. Develop a computer programme for tank design and calculating the number of cooling tubes required for three phase core type transformer.
11. Develop a computer programme to calculate Main dimensions (D & L) of a three phase Induction motor.
12. Develop a computer programme for stator core design of three phase induction motor.
13. Develop a computer programme for squirrel cage rotor design of three phase induction motor.
14. Develop a computer programme for wound type rotor design of three phase induction motor.
15. Develop a computer programme for estimating magnetizing current of a squirrel cage type three phase induction motor.

Note :**Perform minimum eight experiments**

6EP09 COMPUTER TECHNOLOGY- LAB

List of Assignments

Computer Network: Basic hardware and terminology in networks, Classifications, The Internet, The Intranet and Extranet. ·
Installation of operating systems, application software in Personnel Computer or laptop.

Develop the simulation models for various tasks in electrical engineering using simulation software.
Develop the computer programme for various tasks in electrical engineering using software.
Study of PLCs used for Industrial automation & develop the ladder diagram for given task in automation using PLC.
Basics of IoT, IoT based Monitoring & Controlling of various Electrical Equipments.

Note: Student needs to complete minimum eight assignments

7EP06 POWER SYSTEM II – LAB.

Student should perform minimum eight (8) practicals based on syllabus.

List of Experiments:

1. Determination of X_d and X_q by slip test.
2. Determination of X_d' and X_d'' by sudden symmetrical short circuit test.
3. Determination of X_d'' and X_q'' by conducting static test.
4. Determination of X_1 , X_2 and X_0 by conducting direct test. 5. Determination of X_1 , X_2 and X_0 by conducting Indirect test. 6. Symmetrical Component Analysis of Unbalanced Three Phase Vector.
7. Symmetrical and Unsymmetrical Fault Analysis
8. Improvement transient stability using Facts Devices.
9. Power System Stability improvement using STATCOM.
10. Solution of swing equation using Point by Point Method.
11. Solution of swing equation using by Runge-Kutta method.
12. To Study Equal Area Criteria for transient stability.
13. To Study abc to dq0 (Parks) Transformation.
14. Transient stability analysis of a multi-machine power system.

7 EP07 DIGITAL SIGNAL PROCESSING – LAB.

List of experiments

1. To generate various continuous and discrete signals.
2. To verify sampling theorem.
3. To find linear convolution of given sequences.
4. To compute auto-correlation between two sequences.
5. To find impulse response of given system.
6. To find DFT and IDFT of given sequence.
7. To find FFT of a given sequence.
8. To determine power spectrum of a given signal.
9. To find frequency response of a given system.
10. To design and implement FIR filter for given specifications.
11. To implement LP FIR filter for a given sequence.
12. To implement HP FIR filter for a given sequence.
13. To implement LP IIR filter for a given sequence.
14. To implement HP IIR filter for a given sequence.
15. To generate a sinusoidal signal through filtering.
16. To plot magnitude and phase response of digital butter worth low pass and high pass filter.
17. To perform implementation of I/D sampling rate converter.

Note : Student will carry out minimum eight (8)

7EP08 ENTREPRENEURSHIP & PROJECT MANAGEMENT –LAB.

List of Assignments

1. Undertake SWOT analysis to arrive at your business idea (Product / services).
2. Undertake self-assessment test to discover your Entrepreneurial traits.
3. Undertake the market survey to identify the need of market.
4. Identify Business opportunity for you.

5. Carry out the survey of industries of your stream and prepare the report.
 6. Arrange the Visit to industries/firms of your product/service stream to study their business model.
 7. Visit the banks and other financial Institutions to enquire about various funding scheme for set up the new business.
 8. Compile the information of government agencies and financial agencies which provide loan/financial support to establish the business.
 9. Prepare a report of technological and financial feasibility of chosen product/service. 10. Prepare a marketing strategy for chosen product/service.
 11. Prepare a short term & long-term goal of your business.
 12. Prepare a business plan for your chosen product/services.
 13. Arrange a discussion session with successful entrepreneur to discuss on your business plan.
 14. Study the stories of successful entrepreneur.
 15. Prepare a DPR (Detail Project Report) of chosen product /services.
- Note: Student will carry out minimum eight (8) assignments based on syllabus.

7EP09 PROJECT & SEMINAR

Seminar: Each one of the students will be assigned a Seminar Topic in the current and frontier areas. The student has to conduct a detailed study/survey on the assigned topic and prepare a report. The student will make an oral presentation followed by a brief question and answer session. The Seminar (presentation and report) will be evaluated by an internal assessment committee for 50 marks.

Project: The objective of the project is to enable the students to work in groups of not more than six members in each group on a project involving analytical, experimental, design or combination of these in the area of Electrical Engineering. Each project shall have a guide. The student is required to do literature survey, formulate the problem and form a methodology of arriving at the solution of the problem. On completion of the work, a project report should be prepared and submitted to the department. The evaluation is based on continuous internal assessment by an internal assessment committee for 75 marks. The university examination, which carries a total of 75 marks, will be a Viva Voce examination at the end of VIII Semester, conducted by a committee of one external examiner appointed by the University and one internal examiner/Guide.

8EP05 POWER SYSTEM PROTECTION – LAB.

List of Experiments

1. Development of control circuit for power supply control of three phase IM.
2. Development of control circuit for direction control of three phase IM.
3. Polarity test & ratio test on CTs & PTs.
4. Plot the characteristics of Inverse Time OC relay.
5. Plot the characteristics of Differential relay.
6. Plot the operating characteristics of MCB & fuses.
7. Plot the characteristics of impedance relay or MHO relay.
8. Develop the combine OC & EF protection scheme for three phase alternators.
9. Develop the protection system for alternator against unbalanced loading.
10. Develop the Merz Price Protection scheme for three phase transformers.
11. Develop the protection system for three phase IM against single phasing.
12. Develop the static over-current relay.
13. Demonstrate Operation of static overvoltage & under voltage relay.
14. Study the protection scheme for three phase IM using microprocessor-based relays.
15. Demonstration of numerical relays.

8EP06: COMPUTER METHODS IN POWER SYSTEM ANALYSIS –LAB.

List of Experiment

1. Write a Program for formation of Bus Admittance Matrix (Ybus) for a given Power System network using Singular Transformation.
2. Write a Program for formation of Bus Impedance Matrix (Zbus) for a given Power System network by step-by-step Algorithm.
3. Write a Program for Short circuit Analysis when three phase to ground fault at bus P of a given Power System network.

4. Write a Program for Short circuit Analysis when three phase faults at bus P of a given Power System network.
5. To determine fault voltage and fault current when three phase faults at bus P of a given power system network by using simulation software.
6. To determine fault voltage and fault current when three phase to ground fault at bus P of a given power system network by using simulation software.
7. Write a program for load flow studies on a given power system network by Gauss- Seidel method using bus Admittance Matrix (Ybus).
8. Write a program for load Flow studies on a given power system network by Newton-Raphson method in Polar Coordinates by using bus Admittance Matrix (Ybus).
9. Write a program for load flow analysis on a given power system network using Fast Decoupled Load Flow (FDLF) Method.
10. To find the critical clearing angle when three phase fault occurs at sending end of transmission line of a given power system network by using simulation software.
11. To find the critical clearing angle when three phase fault occurs at mid-point of transmission line of a given power system network by using simulation software.
12. To plot swing curve of a given power system by using simulation software.
13. To study load flow analysis of a power system by using Gauss-Seidel, Newton-Raphson and FDLF Methods.
14. To study short circuit analysis of a Power system network.
15. To study Modified Euler method and Runge Kutta 4th order Approximation Methods for stability studies of a Power System network

SEP07 PROJECT & SEMINAR

Seminar: Each one of the students will be assigned a Seminar Topic in the current and frontier areas. The student has to conduct a detailed study/survey on the assigned topic and prepare a report. The student will make an oral presentation followed by a brief question and answer session. The Seminar (presentation and report) will be evaluated by an internal assessment committee for 50 marks.

Project: The objective of the project is to enable the students to work in groups of not more than six members in each group on a project involving analytical, experimental, design or combination of these in the area of Electrical Engineering. Each project shall have a guide. The student is required to do literature survey, formulate the problem and form a methodology of arriving at the solution of the problem. On completion of the work, a project report should be prepared and submitted to the department. The evaluation is based on continuous internal assessment by an internal assessment committee for 75 marks. The university examination, which carries a total of 75 marks, will be a Viva Voce examination at the end of VIII Semester, conducted by a committee of one external examiner appointed by the University and one internal examiner/Guide.

Department of Computer Science and Engineering

3rd Semester -

3KS06 Object Oriented Programming Lab

List of Experiments:

1. Introduction to Object Oriented Programming and installation of JDK. Write a program to print a message "Hello World..."
2. Develop a program to explain use of Operators in java.
3. Develop a Program to study and implement Looping Statements belonging to Java.
4. Develop a Program to study and implement Selection Statements belonging to Java.

5. Develop a program to study and implement some Pyramid.
6. Develop a program to demonstrate the concept of Class, Method and Object.
7. Develop a program to study and implement the concept of Method Overloading.
8. Develop a program to study and implement concept of Constructor in Java.
9. Develop a program to study and implement concept of Constructor Overloading in Java.
10. Develop a program to study and implement the Array in Java.
11. Develop a Program on various ways to accept data through keyboard(Command Line Argument)
12. Develop a program to study and implement the concept of Inheritance.
13. Develop a program to study and implement the concept of Method Overriding.
14. Develop a program to study and implement the Abstract Class.
15. Develop a program to study and implement the concept of Interface in Java.
16. Develop a program to study and implement Exception Handling Mechanism in Java.
17. Develop a program to study and implement Java I/O.
18. Develop a program to study and implement simple Applet in java.
19. Develop a program on Applet to demonstrate Graphics, Font and Color class.
20. Develop a Program on passing parameters to applets
21. Develop a Program to create GUI application without event handling using AWT controls
22. Develop a Program to create GUI application with event handling using AWT controls
23. Develop a program on Multithreading
24. Develop a Program to create GUI application with event handling using Swing controls
25. Mini Project based on content of the syllabus. (Group of 2-3 students)

3KS07 Data Structure Lab

List of Experiments:-

1. Write a program to find out largest number from the array and also find it's location.
2. Write a program to traverse an array and find the sum and average of data elements from an array.
3. Write a Program to a) insert an element in an array b)delete an element from an array.

4. To study and execute the Linear search method
5. To study and execute the Binary Search method
6. To study and execute the Pattern matching Algorithms(Slow and Fast)
7. To study and execute Bubble sort method.
8. To study and implement various operations on singly linked list
 - (a) Traversing the linked list.
 - (b) Insert a node at the front of the linked list.
 - (c) Delete a last node of the linked list.
 - (d) Searching a Linked list.
9. To study and implement following operations on the doubly linked list.
 - (a) Insert a node at the front of the linked list.
 - (b) Insert a node at the end of the linked list.
 - (c) Delete a last node of the linked list.
 - (d) Delete a node before specified position.
10. To study and implement following operations on the circular linked list.
 - (a) Insert a node at the end of the linked list.
 - (b) Insert a node before specified position.
 - (c) Delete a first node of the linked list.
 - (d) Delete a node after specified position.
11. Understand the stack structure and execute the push, pop operation on it.
12. Understand the Queue structure and execute the insertion, deletion operation on it.
13. Formulate and demonstrate Transforming Infix Expressions to Postfix Expression using Stack.
14. Formulate and demonstrate the Evaluation of Postfix Expression using Stack.
15. To study and execute Quick sort method.
16. Understand the Tree structure and implement the Pre-order, In-order, post-order traversing operations on it.
17. Understand the concept of Recursion and write a program to calculate factorial of a number using

Recursion.

18. Understand the Heap sort and implement it on given data.
19. Understand the Insertion sort and implement it on given data.
20. Understand the Selection sort and implement it on given data.
21. To study and execute Merge sort method.
22. To study and execute Radix sort method.
23. Write a Program to implement the concept of BFS algorithm.
24. Write a Program to implement the concept of DFS algorithm.
25. To study and execute Josephus problem.

3KS08 Analog& Digital Electronics Lab

List of Experiments:-

1. To study V-I characteristics of a PN Junction diode in Forward and Reverse bias.
2. To Sketch and Study the input and output characteristics of transistor connected in Common Emitter (CE) configuration..
3. To Sketch and Study the input and output characteristics of transistor connected in Common Base (CB) configuration
4. To Sketch and Study the input and output characteristics of transistor connected in Common Collector (CC) configuration.
5. To plot static characteristics of FET & calculate its parameters g_m , r_d and μ .
6. To implement Logic gates using TTL ICs (7400, 7402, 7404, 7408, 7410, 7411, 7420, 7427, 7432, 7486).
7. Study and verify the truth table of half adder and full adder using logic gates.
8. Study and verify the truth table of half subtractor and full subtractor using logic gates
9. To compare two 4 bits number and verify the output using 4-bit comparator IC 7485.
10. Implementation of 4×1 multiplexer using logic gates.
11. Implementation and verification of Demultiplexer and Encoder using logic gates.
12. Implementation of 4bit parallel adder using 7483 IC.

13. Design and verify the 4 bit synchronous counter.
14. Design and verify the 4 bit asynchronous counter.
15. Verification of truth table of SR, JK, T and D Flip Flops.

3KS09 C-Skill-Lab I

List of Experiments:-

1. Write python program to store data in list and then try to print them.
2. Write python program to print list of numbers using range and for loop
3. Write python program to store strings in list and then print them.
4. Write python program in which an function is defined and calling that function prints Hello World.
5. Write a python script to print the current date in the following format "Sun May 29 02:26:23 IST 2017"
6. Write a program to create, append, and remove lists in python.
7. Write a program to create, concatenate and print a string and accessing sub-string from a given string.
8. Write a program to demonstrate working with tuples in python.
9. Write a program to demonstrate working with dictionaries in python.
10. Write a python program to find largest of three numbers.
11. Write python program in which an function(with single string parameter) is defined and calling that function prints the string parameters given to function.
12. Write python program in which an class is define, then create object of that class and call simple print function define in class.
13. Write a Python script that prints prime numbers less than 20.
14. Write a python program to find factorial of a number using Recursion.
15. Write a python program to define a module to find Fibonacci Numbers and import the module to another program.
16. Write a script named copyfile.py. This script should prompt the user for the names of two text files. The contents of the first file should be input and written to the second file.
17. Write a program that inputs a text file. The program should print all of the unique words in the file in alphabetical order.

18. Write a Python class to convert an integer to a roman numeral.
19. Write a Python class to implement pow(x, n)
20. Write a Python class to reverse a string word by word.
21. Accessing and working with databases using Python.
22. Create data frame from .csv files and operations on it.
23. Plotting various graphs using Python.
24. Developing basic GUI using Python.
25. Developing web applications using Django framework or Flask

4th Semester -

4KS06 Data Communication & Networking Lab

List of Experiments: -

1. To study various LAN topologies and their creation using network devices, cables and computers. .
2. To connect the computers in Local Area Network.
3. Familiarization with Networking Components and devices: LAN Adapters, Hubs, Switches, Routers etc.
4. Write a program of bit stuffing used by Data Link Layer
5. Write a program to implement CRC(Cyclic Redundancy Check)
6. Write a program to implement Checksum
7. Write a program to implement Sliding window
8. Configure Internet connection and use IP-Config, PING / Tracer and Net stat utilities to debug the network issues.
9. Configuration of TCP/IP Protocols in Windows and Linux.
10. Transfer files between systems in LAN using FTP Configuration, install Print server in a LAN and share the printer in a network.
11. Write a C Program to determine if the IP Address is in Class A, B, C, D, or E
12. Write a C Program to translate Dotted Decimal IP Address into 32 Bit Address.
13. Configure Host IP, Subnet Mask and Default Gateway in a System in LAN (TCP/IP Configuration)

4KS07 Operating System Lab

List of Experiments:-

1. To study Linux Operating System along with its installation.
2. To Study and Execute basic file commands and process related open source Ubuntu commands
 - a. Commands to view all executing, block and suspended process.
 - b. Command to check and change the priority of process CPU utilization for executing processes.
 - c. Commands to check for child process, sub-processes, process tree, abort & end process and all other basics commands related to processes
3. Write a program for multithreading using C.
4. To simulate First Come First Serve & Shortest Job First process scheduling algorithm
5. To simulate Shortest Job First process scheduling algorithm
6. To simulate Preemptive Shortest Job First process scheduling algorithm
7. To implement Round Robin Process scheduling Algorithm
8. To implement Priority Based Process scheduling Algorithm
9. To implement and analyze multi-level queue scheduling algorithm
10. To implement the following file allocation strategies.
11. To simulate paging technique of memory management.
12. To implement the FIFO page replacement policy
13. To implement the LRU page replacement policy
14. To implement the optimal page replacement policy
15. To simulate producer-consumer problem using semaphores.
16. To implement Dining-Philosophers problem to deal with concurrency control mechanism.
17. To implement contiguous memory allocation strategies to detect fragmentation using: First Fit, Best Fit and Worst Fit.
18. To implement FCFS Disk Scheduling algorithm
19. To implement SCAN Disk Scheduling algorithm
20. To implement C-SCAN Disk Scheduling algorithm
21. To simulate Bankers algorithm for deadlock avoidance

22. To implement following memory management techniques

Implement MVT and MFT where memory block size is 100 for 5 processes. Enter no. of blocks for each process and calculate internal fragmentation.

23. To simulate LFU page replacement algorithms

24. To simulate the Single level directory file organization techniques.

25. To Simulate bankers algorithm for Dead Lock Avoidance (Banker's Algorithm)

4KS08 Microprocessor & Assembly Lang. Prog Lab

List of Experiments:-

1. Installation and Introduction of TASM Assembler.
2. Write a program for addition of two 8-bits numbers and two 16-bits numbers.
3. Write a program for subtraction of two 8-bits numbers and two 16-bits numbers.
4. Write a program for multiplication of two 8-bits numbers.
5. Write a program for division of two 8-bits numbers
6. Write a program to check whether a given number is even or odd.
7. Write a program to demonstrate Logical Group and Shift Rotate Instructions.
8. Write a program to check whether a given number is positive or negative.
9. Write a program to find greatest of two 8-bits signed & unsigned numbers.
10. Block Transfer Program
11. Write a program to find Factorial of a number using loop instruction.
12. Write a program to find cube of a given number using Subroutine.
13. Write a program to find square of a given number using Subroutine.
14. Write a program to find square of a given number using Macro.
15. Write a program to find whether the string is palindrome or not.
16. To convert BCD Number Program
17. Write a program to perform Reverse of the String
18. Write a program to transfer 10-bytes from one memory bank to another memory bank.

19. Program for sorting an array for 8086 microprocessor.
20. To write an assembly language program to arrange the given numbers in descending order.
21. Program for searching for a number/character in a string for 8086 microprocessor.

4KS09 C-Skill-Lab II

List of Experiments:-

1. Introduction to PHP and configure it to work with Apache Web Server.
2. Design web pages for your college containing a description of the courses, departments, faculties, library etc, use href, list tags.
3. Create your class timetable using table tag.
4. Create user Student feedback form (use textbox, text area , checkbox, radio button, select box etc.)
5. Create your resume using HTML tags also experiment with colors, text , link , size and also other tags you studied.
6. Design a web page of your home town with an attractive background color, text color, an Image, font etc. (use internal CSS).
7. Develop a JavaScript to display today"s date.
8. Write a JavaScript to design a simple calculator to perform the following operations: sum, product, difference and quotient.
9. Write an HTML page that contains a selection box with a list of 5 countries. When the user selects a country, its capital should be printed next to the list. Add CSS to customize the properties of the font of the capital (color, bold and font size).
10. Write a PHP program to keep track of the number of visitors visiting the web page and to display this count of visitors, with proper headings.
11. Write a PHP program to display a digital clock which displays the current time of the server.
12. Write the PHP programs to do the following: a. Implement simple calculator operations. b. Find the transpose of a matrix.
13. Write a PHP program to sort the student records which are stored in the database using selection sort.
14. Study and Install IDE of Arduino and different types of Arduino.
15. Write program using Arduino IDE for Blink LED.
16. Write Program for RGB LED using Arduino.
17. Study the Temperature sensor and write a Program for monitor temperature using Arduino.

18. Study and Implement RFID, NFC using Arduino. ☒ Study and implement MQTT protocol using Arduino.
19. Study and Configure Raspberry Pi.
20. WAP for LED blink using Raspberry Pi.
21. Study and Implement Zigbee Protocol using Arduino / Raspberry Pi.
22. Create Smart Plugs with Arduino and Raspberry Pi.
23. Interfacing digital sensors with raspberry pi.
24. Creating a webpage to control I-O devices, Reading data from sensor and passing to web page.
25. Implement a program to access Analog sensor via wifi with HTML Web server

5th Semester

5KS06 Database Management Systems Lab

List of Experiments:-

1. To study database and its related concepts.
2. To study and implement DDL commands.
DDL (Data Definition Language):
 3. To study and implement DML commands.
 4. To study and implement DQL commands
 5. To study and implement,
 1. SQL commands for string operations.
 2. Order by clause
 3. Having clause
 - 6: To study and implement DML commands.
 1. In
 2. Not in
 3. Any
 4. All
 5. Exists
 6. Not Exists.
 7. Study and implement aggregation functions like min, max, avg, sum, count.
 8. To implement Domain and entity integrity constraints and referential integrity constraints on a database.

9. Write a pl/sql for finding the maximum of two numbers.

10. Study example of Trigger.

5KS07 Compiler Design – Lab

List of Experiments :-

[1] Design a lexical analyzer for given language and the lexical analyzer should ignore redundant spaces, tabs and new lines. It should also ignore comments. Although the syntax specification states that identifiers can be arbitrarily long, you may restrict the length to some reasonable value. Simulate the same in C language.

[2] Write a C program to identify whether a given line is a comment or not.

[3] Implement a C program to check parenthesis of regular expression is balanced or not.

[4] Implement a C program to construct NFA from regular expression.

[5] Implement a C program to simulate Deterministic Finite Automation (DFA) for a string which ending with 'a', 'a*b+', 'abb'.

[6] Write a C program to construct of DFA from NFA.

[7] Implement a Lex program to verify the parenthesis of a given expression is balanced.

[8] Implement a Lex program to recognize the token like Digit, Identifier & Delimiter.

[9] Implement the Lexical Analyzer using JLex, flex or other lexical analyzer generating tools.

[10] Implement a Lex program to a valid arithmetic expression and to recognize the identifier and operators present.

[11] Implement a Lex program to count words, characters, lines, vowels and consonants from given input.

[12] Implement a Lex program to check given number is positive negative or zero.

[13] Implement a Lex program to generate string which is ending with zeros.

[14] Implement LEX and Yacc tool to implement desk calculator.

[15] Write a C program for constructing of SLR parsing.

[16] Write a C program for constructing of LL (1) parsing.

[17] Write a C program for constructing of LALR parsing.

[18] Write a C program for constructing recursive descent parsing

5KS09 C-Skill Lab – III

List of Experiments :-

[1] Introduction to the Node.js and its installation to print Hello World

[2] To study built-in modules and implement the user defined built-in modules in the Node.js

[3] To study HTTP module and implement Node.js as a web server

[4] To study and implement Node.js File system module to read, write, create, update, delete and rename the file

[5] To study the URL module of the Node.js and write a program that opens the requested file and returns the content of the file to the client. If anything goes wrong, throw a 404 error.

[6] To convert the output "Hello World!" into upper-case letters by installing the "upper-case" package of NPM.

[7] To study event handling in Node.js and demonstrate it using event module and EventEmitter object.

[8] To study and implement the Formidable module of Node.js to upload the file on the server.

[9] To study and implement the Nodemailer module of Node.js to send emails from your server.

[10] To install MySQL and its driver and create connection with it using Node.js.

[11] To demonstrate the creation database and table in MySQL using Node.js

[12] To demonstrate the insertion of single and multiple records in the MySQL using "INSERT" statement and Node.js

[13] To demonstrate the display of records from the MySQL database using "SELECT" statement and display it using Node.js

[14] To demonstrate the display the records based on condition from the MySQL database using "WHERE" statement using Node.js

[15] To demonstrate deletion of records from database using "DELETE" statement and Node.js

[16] To demonstrate updating existing records in a table by using the "UPDATE" statement .

[17] To demonstrate combining rows from two or more tables, based on a related column between them, by using a JOIN statement using Node.js

5KS08 Emerging Technology Lab I[Cyber Security]

List of Experiments :-

1. NMAP features and its installation.
2. - Port scanning using NMAP.
3. - TCP scanning using NMAP.
4. OS Detection of target system using NMAP
5. - Service Version Detection of target system using NMAP
6. To study Kali linux Features & Tool
7. - To study Metasploit framework and its features.
8. To study the steps to hack a strong password.
9. To study various methods of protecting and securing databases.

6th Semester:-

6KS06 Design and Analysis of Algorithms – LAB

List of Experiments :-

1. Write a program to find smallest divisor of a given integer.
2. Write a program to implement stack & queue
3. Write a program for finding the maximum & minimum using divide & conquer method.
4. Write a program to implement merge sort using divide and conquer method.
5. Write a program to implement quick sort using divide and conquer method.
6. Write a program to implement knapsack problem using greedy method.
7. Write a program for finding minimum cost spanning tree using greedy method.
8. Write a program to implement traveling salesperson problem using dynamic programming.
9. Write a program to find shortest path for multistage graph using dynamic programming.
10. Write a program to implement 8queens problem using backtrack Method

6KS07 Software Engineering Lab

List of Experiments :-

1. Identifying the Requirements from Problem Statements
2. Modeling UML Use Case Diagrams and Capturing Use Case Scenarios
Use case diagrams |,Actor , Use Case , Subject , Graphical Representation , Association between Actors and Use Cases , Use Case Relationships , Include Relationship , Extend Relationship , Generalization Relationship ,Identifying Actors , Identifying Use cases , Guidelines for drawing Use Case diagrams
3. E-R Modeling from the Problem Statement
4. Identifying Domain Classes from the Problem Statements
Domain Class , Traditional Techniques for Identification of Classes ,Grammatical Approach Using Nouns , Advantages , Disadvantages ,Using Generalization ,Using Subclasses , Steps to Identify Domain Classes from Problem Statement , Advanced Concept
5. Statechart and Activity Modeling
State chart Diagrams , Building Blocks of a Statechart Diagram , State , Transition , Action , Guidelines for drawing Statechart Diagrams , Activity Diagrams , Components of an Activity Diagram , Activity , Flow , Decision , Merge , Fork ,Join , Note , Partition ,A Simple Example .
6. Modeling UML Class Diagrams and Sequence diagrams
Structural and Behavioral aspects, Class diagram, Elements in class diagram, Class, Relationships, Sequence diagram, Elements in sequence diagram, Object, Life-line bar, Messages
7. Modeling Data Flow Diagrams
Data Flow Diagram, Graphical notations for Data Flow Diagram, Explanation of Symbols used in DFD , Context diagram and leveling DFD
8. Designing Test Suites
Software Testing , Standards for Software Test Documentation , Testing Frameworks , Need for Software Testing , Test Cases and Test Suite , Types of Software Testing , Unit Testing , Integration Testing , System Testing , Example , Some Remarks.

6KS09 C Skill Lab IV– LAB

List of Experiments:-

1. Study and implement Linux commands
2. Study practical on installation of java, Tomcat Server
3. Study practical on software development life cycle
4. Study practical on DevOps life cycle & stages
5. Study practical on DevOps Tools (Docker, Jenkins, Git, Jira, copado)

6. Learn about DevOps Pipeline (CI /CD) using any tool
7. Study Practical on AWS for DevOps
8. Study Practical on Microsoft Azur for DevOps
9. Study Practical on Google Cloud for DevOps
10. Study Practical on Salesforce with Copado for DevOps
11. To setup and configure of Jenkins
12. To create Job and manage it using Jenkins
13. To experiment plugin management with jenkins
14. To study and demonstrate User role creation and management using Jenkins
15. To study and demonstrate Integration with Git using Jenkins
16. To study and demonstrate Automated deployments using Jenkins
17. To study and demonstrate Build and delivery pipelines using Jenkins
18. To study and demonstrate Job Parameterization using Jenkins
19. To study and demonstrate Command line executions using Jenkin
20. To study and demonstrate Jenkins node management

6KS08 Emerging Technology Lab II[Cryptography]

List of Experiments :-

1. To implement simple substitution technique named Caesar cipher using C/Java Language.
2. To implement encryption technique by using key to obtain cipher text.
3. To write a C/Java program to implement the Playfair Substitution technique.
4. To write a C/Java program to implement the rail fence transposition technique.
5. To write a C/Java program to implement Data Encryption Standard (DES) using C Language.
6. To write a C/Java program to implement the RSA encryption algorithm.
7. To implement the Diffie-Hellman Key Exchange algorithm using C/Java language.
8. To write a C/Java program to implement the MD5 hashing technique.
9. To implement the SHA-1 hashing technique using C/Java program.

7th Semester :-

7KS06 COMPUTER GRAPHICS – LAB

List of Experiments:-

1. Write a program to draw line using DDA algorithm.
2. Write a program to draw line using Bresenham's algorithm
3. Write a program to draw circle using Bresenham's algorithm
4. Write a program for 2-D transformations, a) Scaling b) Translation c) Rotation
5. Write a program for 3-D transformations, a) Scaling b) Translation c) Rotation
6. Write program to fill polygon using scan line algorithm
7. Write a program to draw the polygons by using the mouse. Choose colors by clicking on the designed color pane. Use window port to draw. Use DDA algorithm for line drawing.
8. Write a program to clip line using following algorithm : Cohen-Sutherland algorithm

9. Write a program to draw following type of curve-Hilbert's Curve
10. Write a program to draw following type of curve-Koch curve, Bezier curves
11. Write a program to draw inscribed and Circumscribed circles in the triangle as shown as an example below. (Use any Circle drawing and Line drawing algorithms)
12. Write a program to move circle to forward direction.
13. Write a program to draw a cube using in build library function and perform 3D transformations
14. Write a program to fill color in rectangle
15. Write a program to generate Bouncing ball animation using Direct3D/Maya/Blender
16. Write a program to generate snowflake using concept of fractals.
17. Write a program to implement translation, sheer, rotation and scaling transformations on equilateral triangle and rhombus
18. Write program to draw any object such as flower, waves using any curve generation technique
19. Write a program of man walking in rain
20. Write a program to draw a house
21. Write a program for moving a cycle
22. Write a graphics program analog clock
23. Write a program to draw 3-D cube and perform following transformations on it using OpenGL

7KS07 EMERGING TECHNOLOGY LAB III

List of Experiments :-

1. To Study Security Onion Tools
2. Installations Of Security Onion .
3. Data Acquisition
4. - Forensics Case Study : Solve the Case study (image file) provide in lab using Encase Investigator or Autopsy .
5. Creating a Forensic Image using FTK Imager/Encase Imager
6. Recovering and Inspecting deleted files
7. Acquisition of Cell phones and Mobile devices .
8. Handling Email Forensics
9. Web Browser Forensics

EMERG TECHN LAB IV - 7KS08

List of Experiments :-

1. AboutBlockchain?
2. Write a program to create Block
3. Write a Program to Implementation the Block chain.
4. Write a Program to Create a ERC20 token using Java Program
5. Java code to implement blockchain in Merkle Trees
6. Java Code to implement Mining using block chain
7. creating a Crypto-currency Wallet

8thSemester :-

8KS05 EMERGING TECHNOLOGY LAB V

List of Experiments :-

1. Getting Started with R installation, R objects and basic statistics.
2. Supervised Learning – Regression
3. Create Association Rules for the Market Basket Analysis for the given Threshold
4. Implement K-Means algorithm for clustering to create a Cluster on the given data
5. Principal Component Analysis-Finding Principal Components, Variance and Standard Deviation calculations of principal components.
6. Implement Linear Discriminant Analysis dimensionality reduction technique..
7. Implement Decision Tree.
8. Implement K-NN Classifier in R Programming.
9. Implement Singular Value Decomposition dimensionality reduction technique
10. Train a neural network in R.
11. Remove Outliers from Data Set in R.
12. Creating & Visualizing Neural Network in R

8KS06 EMERGING TECHNOLOGY LAB VI

List of Experiments :-

1. To Study & implement SHA-1 Algorithm to generate Hash of a given input Text.
2. To Study & implement MD5 Algorithm to generate Message Digest of a given input Text.
- 3 To Study & implement Diffie-Hellman Key Exchange Algorithm
- 4 To Study & implement Data Encryption Standard (DES) Algorithm
- 5 To Study the Working of Blockchain.
- 6 To Study the concept of Bitcoin.
- 7 To Study & implement Merkle Trees.
- 8 To Study & implement Blockchain System.

8KS07 PROJECT & SEMINAR

Phase I: - Problem Definition and Design

Phase II: - Problem Implementation and Testing

Phase III: - Project Demonstration & Report submission.

xv. Innovation Cell

Sr No	Name of Staff	Post
1	Dr H B Nanvala	Chairman
2	Prof G K Gattani	Secretary
3	Dr S S Asole	Member
4	Dr A N Gaikwad	Member
5	Prof J G Ingale	Member
6	Dr Vasif Ahmed	Member
7	Dr S Y Amdani	Member
8	Prof S S Patil	Member

xvi. Social Media Cell

Sr No	Name of Staff	Post
1	Prof P D Dudhat	Incharge
2	Mr P P Harne	Member
3	Dr D S Bhalekar	Member

xvii. Compliance of the Academic Bank of Credit (ABC), applicable to PGCM/PGDM institutions and University Department: NA

xviii. To upload the respective short video(1-2 minutes) of infrastructure and facilities available w.r.t the courses in the website

Link: <https://bncoepusad.ac.in/images/bnce1.mp4>

xix. Games and Sport Facilities

INDOOR GAMES



OUTDOOR GAMES



OUTDOOR GAMES



GYMNASIUM



GYMNASIUM



xx. Teaching Learning Process

Internal Continuous Evaluation System:

The institution follows the academic calendar which includes details like commencement and end of session, expected schedule of University External Examinations, dates of internal tests, display of attendance and internal marks, co-curricular and extracurricular activities, etc.

The institute has developed a systematic approach of internal assessment. For theory subjects, three internal tests are conducted at dates specified in the academic calendar. For theory, according to university scheme 20 internal marks are assigned to each subject. Out of which 15 marks are for test and 05 marks are for attendance. Three internal tests are conducted per subject for 15 marks. Total Marks obtained per subject is considered as best of two tests average.

Additional test is also conducted if performance of students is not to the mark or student is on leave at the time of test due to curricular /

extracurricular / co curricular activities like NSS participation, Paper presentation contest at other institutes, in plant training, etc. and average of performance of best two tests is taken for internal marks calculations. Additionally, home assignments are given to the students for improvement.

Attendance of the student is also taken into consideration for calculation of internal assessment marks. The results of tests are displayed on students' notice board within 10 days of conduction of test and answer books of tests are circulated to students in class-room by the faculty teaching that course along with discussion of correct answers. There is well defined mechanism to address the students' grievances, if any.

For practical, weightage is given to timely performance and submission of practical work. An experiment conducted by the student is written and submitted for evaluation in the next practical slot. The faculty member checks the journal and asks few questions to judge the student's knowledge of concepts and assigns grade/marks for that experiment. For practical subject, 25 internal marks are assigned. The distribution of mark per practical perform like this:- on time performance –two marks, on time submission two marks and viva-voice- one marks. If eight experiments are performed, then marks obtained out of 40 are converted into 25.

Review of the progress in the students' project work is taken regularly. Students' seminars and projects are evaluated by a panel of three experts constituted by the Head of the department.

Students assessment of Faculty

BABASAHEB NAIK COLLEGE OF ENGINEERING, PUSAD																													
QUESTIONNAIRE																													
Teacher's Evaluation By Students of UG Courses																													
Department of										Session - June- 20					TO November- 2020					Class - ..					Date:..				
Dear student,																													
Your considered feedback over the performance of teacher is required on the basis of questions given below. Please provide your assessment by putting an appropriate tick mark.																													
Name of Teacher		subject1					subject2					subject 3					subject 4												
Name of Subject		4	3	2	1	0	Total	4	3	2	1	0	Total	4	3	2	1	0	Total	4	3	2	1	0	Total				
1	How punctual is the teacher in engaging the classes ?																												
2	How prepared is the teacher in every class ?																												
3	How effective is the teaching presentation of the teacher ?																												
4	Are the concepts & principles understandable ?																												
5	To what extent the teacher is encouraging & motivating ?																												
6	How available is the teacher for help & guidance ?																												
7	How satisfied are you the way the courses are covered ?																												
8	How effective is the teacher in preparing for examination ?																												
9	Are the tests discussed in class ?																												
10	Is the teacher audible ?																												

xxi. For each Post Graduate Courses give the following:

xxii. Title of the PG courses:

- 1) Structural Engineering
- 2) Digital Electronics
- 3) CAD-CAM
- 4) Computer Science & Engineering

xxiii. Laboratory facility exclusive to the Post Graduate course:

1) **(Structural Engineering)**

Laboratory Facilities exclusive to the Post Graduate Course

1. LABORATORY: STRUCTURAL ENGINEERING

Sr. No.	Name of the Item	Make	Qty Nos.	Date of purchase	Cost
1	Loading Frame 100 tons capacity	EME	01	27/07/99	634000

2. LABORATORY: CONCRETE TECHNOLOGY

Sr. No.	Name of the Item	Make	Qty Nos.	Date of purchase	Cost
1.	Automated curing tank	AIMIL	1	26.06.04	56,327.40
2.	Compression testing machine	HEICO	1	08.08.84	31,000.00
3.	Concrete permeability apparatus with compressor AIMIL	AIMIL	1	26.04.01	61698.00
4.	Concrete pan mixer AIMIL (cap 40 ltr.)	AIMIL	1	22.10.12	151281.00
5.	Ultrasonic Pulse Velocity meter	Control	1	30.03.13	209250.00
6.	Compression Testing Machine (Digital read out unit) Cap 3000 kN	AIMIL	1	28.03.13	460905.00
7.	Compression Testing Machine (Computerized) Cap 5000 kN	AIMIL	1	03.03.14	1366875.00

2) Digital Electronics:

a. Laboratory Facilities exclusive to the Post Graduate Course

Name of Lab	Major Equipment	Cost
M.E./ Research Lab.	Computer, Hp Elite 7100 desktop (20 Nos.) , Dell Vastro 1015 (2 Nos.), MICROWIND 3.5 package (20 Users), C compiler with IDE & Debugger for ARM family of micro-controller (SCARM) (5 Users) HP ScanJet,G4050, VLSI Based Advanced Digital Communication Training System, SM 2148 Micro Module + DevPro (5 Nos.) , ARM7 LPC2148 Development Board EDAS (5 Nos.)	Rs. 13.47 Lacs
UHF Lab	Vector Network Analyzer	Rs.20.94 Lacs

b.Special Purpose Software , all design tools in case (for PG Course)

Name of Lab	Name of Software
M.E./ Research Lab.	MICROWIND 3.5 package (20 Users), MATLAB 2008b, Lab View R2009 (50Users), C compiler with IDE & Debugger for ARM family of micro-controller (SCARM) (5 Users)

3)CAD-CAM:

Laboratory Facilities exclusive to the Post Graduate Course

Name of Lab: 1. CAD/CAM Lab.

List of Software

Sr.No.	Name of Software	Total Costs	No. Users
1	Ansys 11	208000.00	05
2	Pro-E Engg.	364000.00	05
3	CATIA V5 R6	592800.00	05
4	MSC Nastran		05
5	MSC Patran		05
Total		1164800.00	

List of Computers

Sr.No.	Computers	Total Costs	Qty
1	HP Elite 7100 Intel Core I 3 3.2 GHZ, RAM 3 GB, HDD 500 GB	427500.00	14
2	HP DX 3090, Intel Core 2 320 GB HDD, 2 GB DDR RAM	295000.00	10
3	HP DX 2480 2.3 GHZ, 1 GB DDR RAM 160 HDD	144000.00	05
4	HP Desktop PC Dx 2255 AMD Athlon 2500+/512Mb/80 Gb Dvd Combo Drive	236000.00	01
5	Intel Dual Core 2.8 GHZ RAM 512 DDR II, HDD 80 GB	319000.00	10
Total		1421500.00	40

2. FMS Lab:

Sr.No.	Name of Equipment	Total Costs	Qty
1.	Pick & Place Robots with Conveyor & Indexing Table	731861.00	01

4) Computer Science & Engineering

a.Laboratory Facilities exclusive to the Post Graduate Course

Sr.No.	Name of PG Course	Laboratory facility for P.G. Course exclusive(Major Equipments)	Quantity	Cost in Rs
1	Computer Science & Engineering	HP Elite 7100 Desk top PC Intel (R) Core I3 330/350m, 2.4 GHZ, 4 GB DDR2, 320 GB HDD DVD R/W, 18.5" TFT Monitor, Keyboard Mouse with Windows 7 Statler (21 Nos)	21 Nos.	5,88,000/-
2		Epson make LCD Projector Model EB-59 (with 3 ft Ceilled Stand, VGA Cable 10 Mtr. Power Cable 10 Mtr. NDHF 131946L 5204	1 No.	24,888/-
3		1.5 Ton Spllit Air Conditioner with digital remote power rotary compressor make ONIDA (3A)	1 No.	25,500/-
4		Un-interruptable Power Supply UPS 5000 (APC) 5 KVA smart	1 No.	68,900/-
5		Printers HP Laserjet 1020+ Sr.No.CNCH156309	1 No.	20,750

b.Special Purpose Software in case (for PG Course)

Software	Quantity	Cost
Oracle 8i under Windpws NT Work Group 05 User	1	37500.00
Borland Turbo C++ Accelerate Single	15	48000.00
Microsoft Visual C++ ver 5.0 P.E. with licence and warranty	1	3100.00
Macromedia Web Design Studio MX 1.1 AE Single user	1	12000.00
J Builder Developer Ed. AE (Ind : JDK 1.3)	1	136000.00
IBM Rational suite Enterprise with 15 floating licences	1	306720.00
Net Sim Academic Version 4.0 Network Simullator Software	1	169725.00

16. Enrolment and placement details of students in the last 3 years

Placement Facilities	1. Conferencehall 2. Interviewhall 3. Labfacilityforconductingonlineexam 4. Generalhallforgroupdiscussionetc. 5. Transportation&HospitalityfacilityforrecruitingHRteam			
Branch	CivilEngineering			
CampusPlacement				
		2019-20	2020-21	2021-22
1	Number ofplacedstudents	NIL	02	21
2	Minimums alary	NIL	Rs.1.98/-lpa	Rs.1.80/-lpa
3	Maximums alary	NIL	Rs. 10.00/-lpa	Rs.10.00/-lpa
4	Averagesalary	NIL	Rs. 5.99/-lpa	Rs.3.25/-lpa
Branch	MechanicalEngineering			
CampusPlacement				
		2019-20	2020-21	2021-22
1	Number ofplacedstudents	16	53	26
2	Minimums alary	Rs.1.38/-lpa	Rs.1.44/-lpa	Rs.2.48/-lpa
3	Maximums alary	Rs.3.36/-lpa	Rs. 10.00/-lpa	Rs.4.50/-lpa
4	Averagesalary	Rs.1.51/-lpa	Rs. 2.54/-lpa	Rs.3.22/-lpa
Branch	Electronics&TelecommunicationEngineering			
CampusPlacement				
		2019-20	2020-21	2021-22
1	Number ofplacedstudents	04	01	2
2	Minimums alary	Rs.1.38/-lpa	Rs.3.36/-lpa	Rs.3.36/-lpa
3	Maximums alary	Rs.3.10/-lpa	Rs.3.36/-lpa	Rs.4.50/-lpa
4	Averagesalary	Rs.1.84/-lpa	Rs.3.36/-lpa	Rs.3.93/-lpa
Branch	ComputerScience&Engineering			
CampusPlacement				
		2019-20	2020-21	2021-22
1	Number ofplacedstudents	18	03	30
2	Minimums alary	Rs.1.38/-lpa	Rs.3.00/-lpa	Rs.2.70/-lpa
3	Maximums alary	Rs. 3.75/-lpa	Rs. 10.00/-lpa	Rs.4.80/-lpa

4	Averagesalary	Rs. 2.08/-lpa	Rs. 5.91/-lpa	Rs.3.59/-lpa
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Branch		ElectricalEngineering(Electronics&PowerSystem)			
CampusPlacement					
		2019-20	2020-21	2021-22	
1	Number ofplacedstudents	24	04	7	
2	Minimumsalary	Rs.1.38/-lpa	Rs.1.38/-lpa	Rs.3.00/-lpa	
3	Maximumsalary	Rs. 1.38/-lpa	Rs.3.39/-lpa	Rs.7.00/-lpa	
4	Averagesalary	Rs. 1.38/-lpa	Rs. 1.88/-lpa	Rs.3.90/-lpa	
Branch		InformationTechnology			
CampusPlacement					
		2019-20	2020-21	2021-22	
1	Number ofplacedstudents	01	02	2	
2	Minimumsalary	Rs.1.38/-lpa	Rs. 3.00/-lpa	Rs.3.00/-lpa	
3	Maximumsalary	Rs. 1.38/-lpa	Rs. 3.08/-lpa	Rs.3.84/-lpa	
4	Averagesalary	Rs. 1.38/-lpa	Rs. 3.04/-lpa	Rs.3.42/-lpa	

Number of placement of outgoing students during the year 2022-23

(From 1st June 2022 to 31st May 2023)

Name of Students placed and contact details		Program Graduated From	Name of the Employer with contact details		Package	No of Selects
Name of Students	Contact		Name of the Employer	Address		
Mr. Hitesh Chavan	9359148512	B.E. (Computer Science & Engineering)	Accenture	Building B-1, Magarpatta City (SEZ, Mundhwa Rd, Magarpatta, Hadapsar, Pune, Maharashtra 411013	Rs.4.58 /-lpa	1
Mr. Faisal Khan	9359054473	B.E.(Mechanical)	HCL	HCL Technologies Ltd. Technology Hub, SEZ Plot No. 3A, Sector 126 Noida – 201304, India	Rs.4.25 /-lpa	2
Mr Sayyad Arbaj		B.E. (Computer Science & Engineering)				
Ms. Payal Rathod	7875583371	B.E.Electrical (Electronics & Power)	Capgemini	Capgemini knowledge Park(SEZ),IT3/IT4, Airoli knowledge Park,Thane Belapur	Rs. 4.00 lpa	2
Ms. Payal Jadhao	9657609925	B.E. (Computer				

		Science & Engineering)		Rd,		
Mr. Balaji Thadve	9604800542	B.E.(Mechanical)	Millennium Engineers & Contractors Ltd, Pune	5th Floor, Elite Transbay, 501-504, Balewadi Rd, Opposite S.K.P. Campus, Near Mitcon Road, Balewadi, Pune, Maharashtra 411045	Rs. 1.62/- lpa	1
Mr. Suraj Kawale	9623565273	B.E.(Mechanical)	SnapWork	SnapWork Technologies Pvt. Ltd Navi Mumbai	Rs.3.50 lpa	1
Mr. Sk.Mubashir Sk.Rahim	8975434222	B.E.(Civil 2022)	BYJU's	Byjus Pune - 4th floor, Pentagon 5, Magarpatta City Township Hadapsar, Pune - 411028	Rs. 8.00/- lpa	4
Ms. Bhakti Patil	9921265766					
Mr Prashant Wankhade	9011939475					
Ms. Vaishnavi Bhalekar	9112481993					
Mr. Hitesh Chavan	9359148512	B.E. (Computer Science & Engineering)	Kanaka Software, Pune	302 Indira Icon Right, Paud Rd, Bhusari Colony, Pune, Maharashtra 411038	Rs. 5.00/- lpa	1
Mr. Pradip Ramesh Kale	7972089132	B.E.(Civil 2022)	Suroj Buildcon, Pune	Bungalow No. 3, Liberty Society Phase-I, North Main Road, Koregaon Park, Pune - 411 001, Maharashtra, India.	Rs. 2.28/- lpa	15
Mr.Mayur Kailas Maske	7057000468					
Mr.Nandkishore Balasaheb Behare						
Mr.Rizwan Farikoddin Kazi						
Mr.Rushikesh Mahadev Kadu	9284228346					
Mr.Sushmit Madhukar Tale	7448022980					
Mr. Vijay Dilip Ade	9168191607					
Mr.Chandrakant Prakash Bhople	9765748724					
Sumedh Bhimrao Dawande	8459618342					
Syed Tuseefuddin K.S. Zaheeruddin	9822221988					
Mr Prashant Wankhade	9011939475					
Krishnakant Dhule						
Mr. Kshitij Jakate	9370327062					

Mr.Gajanan Rathod	7887541518					
Mr.Shubham Patil	7249667126					
Ms Vedshree Jadhao	8208902826	B.E.(Civil 2022)	Wipro	Plot No.31 MIDC, Hinjawadi Phase 2 Rd, Hinjawadi Rajiv Gandhi Infotech Park, Hinjawadi, Pune, Maharashtra 411057	Rs. 2.40 /- lpa	1
Mr Prashant Wankhade	9011939475	B.E.(Civil 2022)	Justdial	Sharda Chambers, 1st & 2nd Floor Shankarseth Road, Swargate near Kumar Pacific Mall, Shri Sarathi Society, Vrindavan Society, Guru Nanak Nagar, Pune, Maharashtra 411042	Rs. 2.36 /- lpa	1
Ms Shivani Patangrao	9881584820	B.E.(Mechanical)	Divgi Torque Transfer Pvt Ltd	139/B, Village Shivare, Bhor, Pune - Satara Rd, Pune, Maharashtra 412205	Rs. 2.00 /- lpa	1
Ms Nishada Raut	8698313842	B.E. (Computer Science & Engineering)	ATOS	2nd Floor, Purple Pride Accord Next to Hotel Mahabaleshwar Opposite Veritas, Baner, Pune, Maharashtra 411045	Rs. 3.40 /- lpa	1
Ms.Naina Tagrekar	9928545760	B.E.(Civil 2022)	Infosys	44, Infosys Avenue Electronics City, Hosur Road Bangalore 560 100, India	Rs. 3.60 /- lpa	3
Mr. Mohan Rupnar	7038414892	B.E.(Mechanical)				
Mr. Pavan Shelke	8625019085					
Mr. Hitesh Chavan	8805937214	B.E. (Computer Science & Engineering)	TCS	Survey No, 103A, Nagar Rd, Commerzone IT Park, Yerawada, Pune, Maharashtra 411006	Rs. 3.36 /- lpa	1
Mr. Sushmit Tale	7448022980	B.E.(Civil 2022)	Fidesto Projects Pvt. Ltd. Pune	Office No.6, 3rd Floor, Opp. Bharat Petrol Pump, Varsha Park, Anmol Pride, Baner Road, Pune	Rs. 2.10 /- lpa	6
Mr. Rushikesh Kadu	9284228349					
Mr. Ravi Chinke	7875394089					
Mr. Rushikesh Rathod	9921682675					
Mr. Prathamesh Yenkar	9604058603					

Mr. Lalit Mukesh	708334979 3					
Mr. Aditya Rathod	9168081308	B.E.(Civil 2022)	BWC Lab Pvt. Ltd.	4th Floor, Balaji Business Center, Off Pune Mumbai Expressway, Baner, Pune 411045	Rs. 3.50 /- lpa	2
Mr. Omkar Vyawahare	897517519 0					
Mr. Chandrabhushan Murkhe	8554919772	B.E.(Civil 2022)	Tata Projects Pvt Ltd.	PGCL - Telangana	Rs. 3.12/ lpa	1
Mr. Shubam Rathod	8408022349	B.E.(Civil 2022)	Vascon Engineers, Pune	ascon weikfield chambers , Vascon weikfield IT city, Info park, Nagar Rd, Viman Nagar, Pune, Maharashtra 411001	Rs. 2.49 /- lpa	1
Ms. Ankita Kanno	860581114 3	B.E. (Computer Science & Engineering)	Synechron	CEDAR Building, Acendas IT Park Rajiv Gandhi Infotech Park Hinjewadi Phase III, Pune 411057	Rs. 3.31/ lpa	2
Ms. Mayuri Rathod	839073975 8					
Mr. Nilesh Rathod	901194980 4	B.E.(Civil 2022)	AZA Fashion Pvt. Ltd.		Rs. 5.72 /- lpa	1
Mr. Harshal Belkhade	963730057 7	B.E.(Civil 2022)	Formonic Technology Pvt. Ltd.	Plot No: 39, Phase-2 Ananth Info Park, Madhapur HYDERABAD ,Rangareddi,Telangana ,India,500081	Rs. 1.80 /- lpa	3
Mr. Vishal Amborkar	708399239 6					
Mr. Balaji Thadve	960480054 2					
Mr. Arjun Kadam	976392949 3	B.E.(Civil 2022)	IDBI	IDBI Bank Ltd, Zonal Office, Salasar Prestige, 1st Floor, Plot No - 1/A, Off WHC Road, Dharampeth, Nagpur	Rs. 3.60 /- lpa	1
Ms. Vedanti Polkat	917573183 1	B.E. (Computer Science & Engineering)	Blueridege Global Pvt. Ltd	DevX, #606, "A" Tower, ICC Complex, MCCA Tower, Senapati Bapat Rd, Laxmi Society, Model Colony, Shivajinagar, Pune, Maharashtra 411016	Rs. 3.68 /- lpa	2
Mr. Hritik Panchal	817799386 5					
Mr. Om Barde	830838536 2	B.E.(Mechanical)	Bharat Forge Pvt. Ltd.	Bharat Forge Limmited, Mundhwa Pune, 411 036	Rs. 3.00 /- lpa	2
Mr. Shishir Niwase	774493938 8					

Ms. Pooja Kukde	965746185 2	B.E.(Mechanical)	Ross Process Equipment Pvt.Ltd.	Plot No. D- 233/3, Chakan Industrial Area Phase II, Village - Bhamboli, Tal. - Khed	Rs. 3.75 /- lpa	1
Mr. Shubham Supekar	888811976 9	B.E.(Civil 2022)	Studio Digiarch Pvt. Ltd.	M.No.6/0245, Vinyak Park, Wagholi, Pune, Maharashtra 412207	Rs. 3.20 /- lpa	1
Mr. Lakhan Mathane	904977714 0	B.E.(Civil 2022)	Puranik Brothers Consulting Engineers	Plot No.61, Neelkanth Appt, RPTS Road, Surendra Nagar, Nagpur	Rs. 2.40 /- lpa	2
Mr. Ashwinkumar Waghmare	788797247 3					
Mr. Abhishek Das	883721521 7	B.E. (Electronics & Telecommunicati on Engineering)	Essem Srinisoms Pvt Ltd	Gut No. 258, Talegaon Road, Kharabwadi, Chakan, Tal. Khed, Dist. Pune 410 501. Maharashtra, India	Rs. 1.68 /- lpa	8
Ms.Mitali Trivedi	770944925					
Ms.Pranoti Kale	913012409 7					
Ms.Mayuri Shivarkar	808034363 3					
Mr.Shubham Rathod	838082022 1					
Mr.Shubham Patel	860052559 1					
Mr.Sujit Rathod	907563098 6					
Ms.Prabha Padghan	845959078 0	B.E.Electrical (Electronics & Power)				
Mr. Digvijay Mukesh	708382102 6					
Mr. Mohit Surduse	897569095 4	11	Maso Automati ve Pvt.Ltd.	Cut No. 15, Mirzapur, Pune Road, Jikthan Phata, Ta. Gangapur, Aurangabad 431 136 (M.S.)	Rs. 1.68 /- lpa	13
Mr. Shankar Deshmukh	787574778 8					
Mr. Shrikant Sakhare	771994471 1					
Mr. Vaibhav Wagh	913092629 8					
Mr. Yesh Yewale	913069554 7					
Mr. Aditya Soni	940428647 9					
Mr. Vaibhav Kubade	983400484 6					
Mr. Pankaj Chavhan	706615946 6					
Mr. Saurav Bhalerao	820824833 5					
Mr. Sufiyan	777003096					

Khan	9					
Mr. Sunil Ade	976727815 4					
Mr. Vishal Rathod	800767394 5					

**Number of placement of outgoing students during the year 2023-24
(From 1st May 2023 to till this date)**

Year	Name of Students placed and contact details	Program Graduated From	Name of the Employer with contact details		No of Selects
	Name of Students		Name of the Employer	Package	
2023-24	Mr. Suraj Padmawar Mr. Shubham Dhad	B.E.(Mechanical)	SULZER	Rs.2.40 /- lpa	2
	Mrs. Janhvi Naik	B.E. (Computer Science & Engineering)	Accenture	Rs.4.50 /- lpa	1
	Mr. Ketan Thakur	B.E.(Civil)	Quadrant Counsultant, Nashik	Rs. 2.16/- lpa	1
	Ms.Vaishali Dhannawat	B.E. (Computer Science & Engineering)	ABM KnowledgewarePvt Ltd.	Rs. 3.00/- lpa	1
	Mr. Saifullah Khan	B.E.(Civil)	Formonic Technologies, Hyderabad	Rs. 2.16/- lpa	1
	Ms. Priti Rathod	B.E.(EPS)	BYJU's	Rs.7.00/- lpa	1
	Mr. Pratik Rathod	B.E.(Civil)	VAMPS Safegaurd Pvt Ltd.	Rs. 6.00/- lpa	1
	Mr. Nirmal Mahajan	B.E.(EPS)	Vi	Rs. 3.00/- lpa	1
	Mr Prashant Wankhade Mr. Shubham Surywanshi	B.E.(Civil)	EPC Pvt Ltd.	Rs. 2.00/- lpa	2
	Mr. Manish Pashine	B.E.(Mechanical)	Schindler India Pvt Ltd.	Rs. 2.40/- lpa	1
	Mr. Yatharth Tatwadi	B.E. (Computer Science & Engineering)	Jade Global Software Pvt. Ltd.	Rs. 4.09 /- lpa	1

Mr. Shubham Rathod	B.E.(Civil)	Zerone High Tech Pvt. Ltd.	Rs. 2.64 /- lpa	1
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17. List of Research Projects/Consultancy works

A. Number of Projects Carried out, funding Agency and Grant Received

i. Civil Engg. Department

Sr.No.	Type of Work/Project	Name of Work & Client	Fund Received
01	Consultancy (Research and Consultancy Cell)	Name of Work : Soil testing Work (SBC determination by SPT Test) for construction of Sports Complex at Digras Client: M/S. Sadiq & Co. Engineers and Contractors, Nagpur	Rs. 39,500/-
		Name of Work : Soil testing Work (SBC determination by SPT Test) for construction of Taluka Veterinary Hospital & its compound Wall at Mangrulpir. Client: PWD,Washim	Rs. 21,500/-
		Name of Work : Soil testing Work (SBC determination by SPT Test) for construction of Administrative Building at Karanja Lad. Client: PWD,Washim	Rs. 21,500/-
		Name of Work : Soil testing Work (SBC determination by SPT Test) for construction of Agricultural Marketing and Training Building Client: PWD,Washim	Rs. 50,500/-
		Name of Work : Soil testing Work (SBC determination by SPT Test) for construction of EVM Storage Centre Client: PWD,Washim	Rs. 21,500/-
		Name of Work : CBR Test (for Risod Road) Client: PWD,Washim	Rs.51,300/-
		Name of Work : CBR Test Client: PWD,Washim	Rs.56,600/-
		Name of Work : Brick Testing Work	Rs.2500/-
02	Research Projects	Nil	Nil

ii. Electronics and Telecommunication Engg.

1	MRP - Study of Human Life Sign Detection under debris or behind barrier using multi-frequency Radar System(UGC)	UGC under MRP	Rs.8.59 Lakh
2	Modernization of microprocessor Lab.	MODROBS scheme AICTE	Rs 2.5 Lacs
3	Modernization of Communication Lab.	MODROBS scheme AICTE	Rs 9.0 Lacs
4	Modernization of UHF & Microwave Lab	MODROBS scheme AICTE	Rs 7.5 Lacs
5	FDP "Perspective of Signal Processing in Wireless Communication"	AICTE- Sponsored	4.5lakhs

iii. Computer Science and Engineering

(List of Research Projects & Consultancy Works -

List of Research Projects carried out funding agency Grant received

Sr. No	Event	Name of Agency	Duration		Revenue/Grant Received
			Start	End	
1	GCC-TBC online Exam English 30/40 WPM	Maharashtra State Council of Ewxaminations, Pune	06/01/2020	11/01/2020	28800
2	GCC-TBC online Exam Hindi/Marathi 30/40 WPM	Maharashtra State Council of Ewxaminations, Pune	18/01/2020	22/01/2020	12400
3	GCC-TBC online Exam English 30/40 WPM	Maharashtra State Council of Ewxaminations, Pune	02/03/2021	10/03/2021	26720
4	GCC-TBC online Exam Hindi/Marathi 30/40 WPM	Maharashtra State Council of Ewxaminations, Pune	17/03/2021	22/03/2021	13440
5	Online JEE Mock Test	Chinatamani Coaching Classes, Pusad	11/02/2021	17/02/2021	3400
6	GCC-TBC online Exam English 30/40 WPM	Maharashtra State Council of Ewxaminations, Pune	12/11/2021	18/11/2021	16800
7	GCC-TBC online Exam Hindi/Marathi 30/40 WPM	Maharashtra State Council of Ewxaminations, Pune	25/11/2021	29/11/2021	8760

8	GCC-TBC online Exam SSD	Maharashtra State Council of Ewxaminations, Pune	01/12/2021		600
9	STTP "IoT and Big Data Analytics	Self Sponsered	04/07/2020	08/07/2020	9325
10	FDP "Artificial Intelligence and Machine Learning with Data Science"	AICTE- ATAL Sponsored	14/07/2021	18/07/2021	93000
Total Revenue Generated					120245
Total Grants Received					93000
Total Revennuue and Grands					213245

18. MoUs with Industries

Sr no	Name of Company	Address	Department
1	Fidesto Projects Private Limited	Ghaziabad	Civil Engg
2	Rucha Promotors and Devlopers	Near sancheti Hospital Pune	Civil Engg
3	Novisync	Hyderabad, India	Computer Science
4	Fulcrum Digital	NJ, London, Brazil, Pune, Mumbai	Computer Science
5	Net Gyani IT Services Pvt Ltd	Pune	Computer Science
6	Kukbit Start	Pune	Computer Science
7	A. R. Power Equipments Pvt Ltd	Lane no. 10, Vidyannagar, near Vishwa Gym., Katraj-Kondhwa road, Katraj, Pune 411046	Electrical/Electronics and Telecommunication
8	Shyam Global Technoventures Pvt ltd	3rd floor, Subhash Lodha Bldg, 417/18/19, Gate no 2, Market yard, Pune 411037	Electrical/Electronics and Telecommunication
9	CADRAC LABS	Hyderabad, India	Electrical/Electronics and Telecommunication
10	PDO International LLP	404, meridian, Hiranandani Medows, Pokhran Road No 2, Thane 400610	Electrical/Electronics and Telecommunication
11	Inditech Electrosystems Pvt Ltd	S/No 6/3A , Deshmukh Nagar, Shivane, NDA Road, Pune	Electronics and Telecommunication
12	Zerone Tech Pvt Ltd	Pune	Electronics and Telecommunication
13	Sharv Polyplast Pvt. Ltd.	Gat 1418 More vasti chikhali, Behind Tata Motors PCMC	Mechanical
14	Shree Saigan Industries	Plot no B 28 MIDC Waluj Aurangabad	Mechanical

15	TESLARC PVT LTD	5, Dhanashree Park, Left Bhusari, Kothrud Pune-38	Mechanical
16	VARAD ENTERPRISES	L-12, KAKADE TOWNSHIP, KESHAVNAGAR, CHINCHWADGAON PUNE 411033	Mechanical
17	Ascent Total Solution Pvt Ltd	16 A /B Chawala Complex Sector 11 CBD Belapur Navi Mumbai	Mechanical
18	Advance CAD Technologies Pvt Ltd	Kothrud Pune	Mechanical
19	Inventive Engg. & Tech Pvt Ltd	wakewadi Pune	Mechanical
20	Suubag Engg & Piping Systems Pvt. Ltd	Majiwade Thane	Mechanical
21	Indo Vidarbha Tool Room	Akola	Mechanical
22	Enclave Engg. Services Pvt. Ltd	Pune	Mechanical
23	Exnet International	Nagpur	Mechanical
24	ImagEquip Training & Consulting	Gurgaon	02/09/2019 to 01/09/2024

EoA Letters since inception of Institute:- Reffer college website. For ready reference Link is given below.

https://www.bncoepusad.ac.in/institute_approval.html