

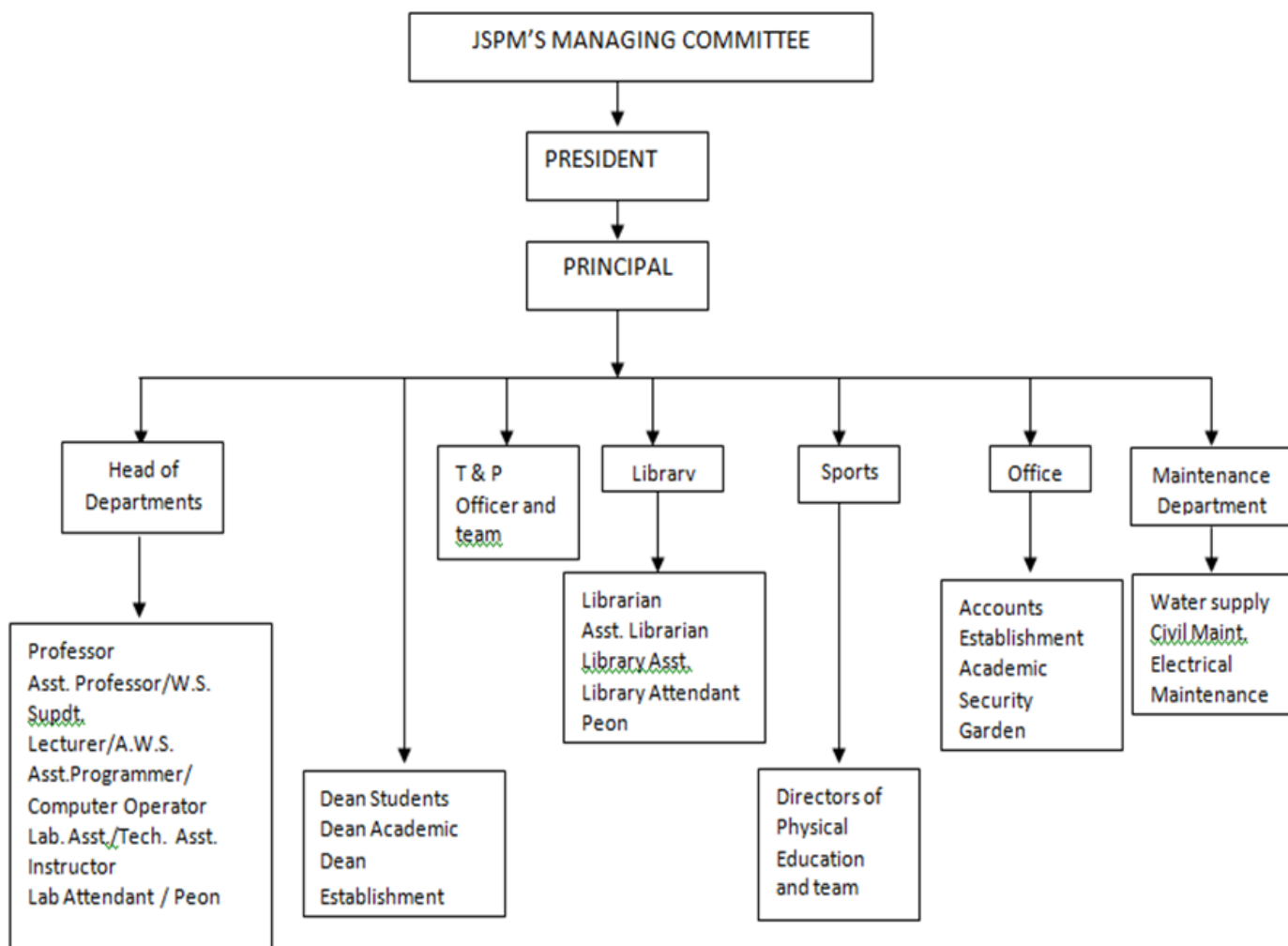
Mandatory Disclosure 2025-2026

| Sr No | Content | Page Number |
|-------|--|-------------|
| 1 | Name of the Institution | 1 |
| 2 | Name and address of the Trust/Society/Company and the Trustees | 1 |
| 3 | Name and Address of the Vice Chancellor/Principal/Director | 1 |
| 4 | Name of the affiliating University | 1 |
| 5 | Governance | 2 |
| 5.1 | Organizational chart | 2 |
| 5.2 | Grievance Redressal mechanism for Faculty, staff and students | 2 |
| 5.3 | Establishment of Anti Ragging Committee | 2-3 |
| 5.4 | Establishment of Online Grievance Redressal Mechanism | 4 |
| 5.5 | Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University | 5 |
| 5.6 | Establishment of Internal Committee (IC) | 5 |
| 5.7 | Establishment of Committee for SC/ST | 6 |
| 5.8 | Internal Quality Assurance Cell | 6 |
| 5.9 | Equal Opportunity facilities Cell | 7 |
| 6 | Programmes | 7 |
| 6.1 | Name of Programmes approved by AICTE | 7 |
| 6.2 | Name of Programmes Accredited by NBA | 7 |
| 6.3 | Status of Accreditation of the Courses | 7 |
| 6.4 | Total number of Courses | 7 |
| 6.5 | No. of Courses for which applied for Accreditation | 8 |
| 6.6 | For each Programme the details are to be given (Preferably in Tabular form): | 9 |
| 7 | Faculty | 10-41 |
| 8 | Profile of Vice Chancellor/Director/Principal/Faculty | - |
| 9 | Fee | 42-43 |
| 10 | Admission | 44-46 |
| 11 | Admission Procedure | 46-48 |
| 12 | Criteria and Weightages for Admission | 49-57 |
| 13 | List of Applicants | 58-59 |
| 14 | Results of Admission Under Management seats/Vacantseats | 60 |
| 15 | Information of Infrastructure and Other Resources Available | 60-142 |
| 16 | Enrolment and placement details of students in the last 3years | 143-155 |
| 17 | List of Research Projects/Consultancy Works | 156-157 |
| 18 | MoUs with industries. | 158 |

| | | |
|----|---|---|
| 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.

| Sr.No | Post | Name | Address | Contact No. | E-Mail id |
|-------|------------------------|---------------------------------|--------------------------------------|-------------|--|
| 1 | Chairman | Dr.Avinash Wankhade | Principal | 9923266688 | amwankhade@gmail.com |
| 2 | Civil Administration | Mr. Mahadeo Jorwar | Tahsildar,Pusad | 8605884233 | tahsildar.Dusad@gmail.com |
| 3 | Police Administration | Shri.Pravin Nachankar | Police Inspector, Vasant Nagar,Pusad | 9158995249 | pardeshipsa@gmail.com |
| 4 | Local Media | Prof.Dinkar Gulhane | Dainik Sakai, Motinagar,Pusad | 9822767489 | dinkargulhane@rediffmail.com |
| 5 | NGO (Youth Activities) | Adv.A.P.Mahamune | Motinagar, Pusad | 7233246585 | aDmahamune@vahoo.com |
| 6 | Faculty Representative | Prof.P.B.Pawar | Rector | 9588640784 | pankaj pawar22@rediffmai 1 .com |
| | | Prof. A.S. Gadewar | Shradha Nagar, Pusad | 9823202442 | anilgadewar0707@gmail.com |
| | | Prof.Ms. S.R.Gawande | Girls Hostel | 7387538077 | shivaniaawande77@amaail.com |
| | | Shri. Vilas V. Dahale | Kala Maroti, Pusad | 9423435550 | vilasvdahale@amaail.com |
| 7 | Parent Representative | Shri. Vishweshwar Deshmukh | Bagade layout, Pusad | 9146526000 | vishweshwarOO 1 deshmukh@amaail.com |
| | | Dr.Dipak Bhalekar | Banjara colony Pusad | 8080063184 | dkbhalekar@amaail.com |
| | | Dr.Salim Amdani | Majit Ward,Pusad | 9764996786 | drsalimamdani@amaail.com |
| | | Yashvant Anil Chavhan | 1A | 9834315417 | yashvantchavhan158@gmail.com |
| | | Ms Renuka Santosh Badwe | IB | 9309864295 | renukabadwe15@gmail.com |
| 8 | Fresher Students | Prashant Rajeshwar Ingale | 1C | 7038304840 | prashantingle8363@gmail.com |
| | | Mangesh Sham Waykule | IF | 7822890051 | mangeshwaykule@gmail.com |
| | | Arjun Sunil Pande | ID | 7249447518 | pandesunil760@gmail.com |
| | | ms Sejal Vikrant Kashte | 3AI | 9699172469 | seialkashte@amaail.com |
| | | Ms.Ayushi Pratapwar | 4AI&DS | 9325267061 | ayushipratapwar@gmail.com |
| | | Ms.Gauri Jaiswal | 4R | 8888139188 | jaiswalgauri194@gmail.com |
| 9 | Senior Student | Shrushti Vijay Girhe | 3C | 7038413531 | shrushtigirhe405@gmail.com |
| | | Shreyash Anil Chavhan | 3M | 9022311400 | pshreyash047@gmail.com |
| | | Dnyaneshwar Rajendrad Kottakonc | 3R | 8010325934 | dkottakondawar@gmail.com |
| | | Dhanashri Bhimrao Khandare | 3EE | 9028314874 | dhanashriKhandare2004@gmail.com |
| | | Mr. A.A. Khan | Sahara Park - I, Pusad | 9822221803 | humara akthar@rediffmail.com |
| 10 | Supporting Staff | Mr.S.B.Damahe | Govind Nagar | 8378082157 | principalbnce@gmail.com |
| | | 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 | | | Student Representative | |



Establishment of Online Grievance Redressal Mechanism

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 IC committee 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. R.P. Godbole | Member |
| 03 | Prof. S.G. Labhshetwar | Member |
| 04 | Ms. Savita B. Bonde | Member |
| 05 | Mr. Subodh P. Pathe | Member |
| 06 | Dr. Sau. Sunita Pradip Halade | Member (NGO) |
| 07 | Ad. Sau. Anusaya G. Deshmukh | Member(Legal Advisor) |
| 08 | Ms. Gargi Prashant Naik (3R) | Members –Student Representative |
| 09 | Ms. Ashwini Pandhari Kharbal (3R) | Members –Student Representative |
| 10 | Mr. Shivraj Choudhari (3R) | 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.

| Sr. No. | Name | Designation | Composition |
|---------|----------------------------|--------------------------------|-----------------------------|
| 1 | Dr. Avinash M. Wankhade | Principal | Chairperson |
| 2 | Shri. Suresh M. Jahdav | Member | JSPM, Management |
| 3 | Dr. S.Y. Amdani | 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, Computer. Sc & Engg. | Teachers |
| 8 | Prof. J. G. Ingle | Head, Mech.Engg. | |
| 9 | Prof. R.P. Godbole | Head. Humanity Sc. | |
| 10 | Dr. S.R. Jadhav | Prof. I/c Library | |
| 11 | Dr. N.A. Chamiya | Faculty | |
| 12 | Prof. Ms. P.B. Niranjane | Prof. I/c Woman Grievance Cell | |
| 13 | Prof. K. M. Punwatkar | Faculty | |
| 14 | Dr. Sailesh Navthale | Member | Society |
| 15 | Prof. S.A. Chintamani | Member | Alumni |
| 16 | Shri. Vishweshwar Deshmukh | Member | Stakeholder |
| 17 | Mr. Kiran Chilatre | Member | Industry |
| 18 | Mr. Avinash Munde | Member | Industry |
| 19 | 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

| | 2024-25 | 2023-24 | 2022-23 |
|-----------------------|--|------------------|-----------------------|
| Name of Course | Civil Engineering (UG) | | |
| No. of seats | 60 | | |
| Duration | 4 Years | | |
| Cut-off Marks | 27.65 percentile | 13.50 Percentile | 10.4981278Percentile |
| Name of Course | Mechanical Engineering (UG) | | |
| No. of seats | 60 | | |
| Duration | 4 Years | | |
| Cut-off Marks | 55.45 Percentile | 5 Percentile | 25.0367211Percentile |
| Name of Course | Computer Sc. & Engineering (UG) | | |
| No. of seats | 180 | | |
| Duration | 4 Years | | |
| Cut-off Marks | 56.74 Percentile | 7.92 Percentile | 58.8006082Percentile |
| Name of Course | Electrical (Electronics & Power) (UG) | | |
| No. of seats | 30 | | |
| Duration | 4 Years | | |
| Cut-off Marks | 59.86 Percentile | 28.92 Percentile | 35.9780390 Percentile |
| Name of Course | Artificial Intelligence & Data Science (UG) | | |
| No. of seats | 60 | | |
| Duration | 4 Years | | |
| Cut-off Marks | 52.75 percentile | 24.54 percentile | 54.1664697percentile |
| 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 | 2024-2025 | 2023-2024 | 2022-2023 |
|-----------------------|------------------|------------------|------------------|
| All UG Courses | | 82000/- | 96000/- |
| All PG Courses | | 66000/- | 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

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

Course :- B. E. Mechanical Engg..(U.G. and PG) 2025-26

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

Course :- B. E. Civil Engg..(U.G. and PG) 2025-26

| Sr. No | Name of Faculty | Designation | Qualification | Course | Remark |
|---------------|----------------------------------|---------------------------|----------------------|------------------|---------------|
| 01 | Prof. S.S.Zambani | Associate Professor | M. E. | UG | |
| 02 | Dr.Zeeshan Adib Ahmed | Asstt. Professor (Ad-hoc) | Ph.D. | 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.Pattebahadur | Asstt. Professor(Ad-hoc) | M.Tech | UG | |
| 08 | Mrs.Dhanashri S.Chavhan (Aswale) | Asstt. Professor (Ad-hoc) | M.E. | UG | |
| 09 | Ms.Shweta C.Bhagwatkar | Asstt. Professor (Ad-hoc) | M. Tech | UG | |
| 10 | Mr.Nitin R. Shukla | Asstt. Professor(Ad-hoc) | M.E. | UG | |
| 11 | Mr.Manish G.Thakare | Asstt. Professor (Ad-hoc) | M.Sc. | First Yr.& Other | |
| 12 | Ms.Aarti S.Gawali | Asstt. Professor (Ad-hoc) | M.Sc. | First Yr.& Other | |
| 13 | Mr. Sachin U. Rathod | Asstt. Professor (Ad-hoc) | M. E. | PG | |
| 14 | Mr.Anil S.Gadewar | Asstt. Professor (Ad-hoc) | M E | PG | |

Course :- B. E. Electrical Electronics & Power Engg..(U.G.) 2025-26

| 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 | Ms. Pranita V. Rathod | Asstt. Professor (Ad-hoc) | M. Tech. | First Year & Other | |
| 06 | Mr.Sunil V.Mukhare | Asstt. Professor (Ad-hoc) | M.E. | First Year & Other | |
| 07 | Mr. Shivraj P.Wakode | Asstt. Professor (Ad-hoc) | M.Sc. | First Year & Other | |
| 08 | Mrs.Vinavati M.Pandey | Asstt. Professor (Ad-hoc) | M.E. | UG | |
| 09 | Mr.Pankaj R. Gawande | Asstt. Professor (Ad-hoc) | M.SC. | First Year & Other | |
| 10 | Dr. N.A.Charaniya | Associate Professor | Ph. D. | UG/PG | PG-Digital Electronics |
| 11 | Prof . K.M.Punwatkar | Associate Professor | M. E. | UG/PG | PG-Digital Electronics |

Course :- B. E. Computer Sc. & Engg.. (U.G. and PG) 2025-26

| Sr. No | Name of Faculty | Designation | Qualification | Course | Remark |
|---------------|--------------------------------|---------------------------|----------------------|---------------------|---------------|
| 01 | Dr.S.Y.Amdani | Associate Professor | Ph.D. | PG | |
| 02 | Dr. S. S. Asole | Associate Professor | Ph.D. | UG | |
| 03 | Prof. S. T. Khandare | Associate Professor | M. E. | UG | |
| 04 | Prof. P. H. Pawar | Asstt. Professor | M. E. | UG | |
| 05 | Dr. Ms. P.B.Niranjane | Asstt. Professor | Ph.D. | UG | |
| 06 | Dr.Satish R. Jadhao | Asstt. Professor (Ad-hoc) | Ph.D. | UG | |
| 07 | Dr..A.S.Dudhe | Asstt. Professor (Ad-hoc) | Ph.D. | UG | |
| 08 | Mr. P. B. Pawar | Asstt. Professor (Ad-hoc) | M. E. | UG | |
| 09 | Ms.Shruti A. Gadewar | Asstt. Professor (Ad-hoc) | M. E. | UG | |
| 10 | Dr.Prashant A.Bhaghale | 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 | Dr.Kailas R.Borgade | Asstt. Professor (Ad-hoc) | M.Sc.,Ph.D | 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 | Ms.Rajshree B.Shinde | Asstt. Professor (Ad-hoc) | M.Sc. | First Yr.& Other | |
| 18 | Mr.Sachinkurmar S. Pippurwar | Asstt. Professor (Ad-hoc) | M.Sc. | First Yr.& Other | |
| 19 | Ms.Surekha R. Jadhao (Chavhan) | Asstt. Professor (Ad-hoc) | M.E. | UG | |
| 20 | Ms.Sapna D. Dongare | Asstt. Professor (Ad-hoc) | M.E. | UG | |
| 21 | Ms. Bhagyashri L. Agashe | Asstt. Professor (Ad-hoc) | M.E. | UG | |
| 22 | Mr.A.B.Dighewar | Asstt. Professor (Ad-hoc) | M. E. | PG | |
| 23 | Mr.Mohd.Ashfaq Bhura | Asstt. Professor (Ad-hoc) | M.E. | UG | |
| 24 | Mr.Vivek V. Burshe | Asstt. Professor (Ad-hoc) | M.E. | UG | |
| 25 | Ms.Muskan Shaikh | Asstt. Professor (Ad-hoc) | M.Sc. | UG | |
| 26 | Ms.Sana Fatema Ali | Asstt. Professor (Ad-hoc) | M.E. | UG | |
| 27 | Ms. Sushma Chavhan | Asstt. Professor (Ad-hoc) | M.E. | UG | |
| 28 | Mrs.Renushree R. Deosarkar(Bodkhe) | Asstt. Professor (Ad-hoc) | M.E. | UG | |
| 29 | Mr. Gopal S. Ade | Asstt. Professor (Ad-hoc) | M.E. | UG | |
| 30 | Mr. Seema D. Saygunde | Asstt. Professor (Ad-hoc) | M.E. | UG | |
| 31 | Mr. S. Y. Gawali | Asstt. Professor (Ad-hoc) | M. E. | PG | |
| 32 | Mr.Sachin D.Chavhan | 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 | Prof. K.S.Dongare | Associate Professor | M. E. | UG | |
| 03 | Prof. V. V.Dahale | Asstt. Professor | M.E. | First Yr.& Other | |
| 04 | Ms.Bhavana A. Bhavsar (Sawane) | Asstt. Professor (Ad-hoc) | M.E. | UG | |
| 05 | Mr. Amit D. Chavhan | Asstt. Professor (Ad-hoc) | M. E. | First Yr.& Other | |
| 06 | Mr.Shrikant B.Chavhan | Asstt. Professor (Ad-hoc) | M.E. | UG | |
| 07 | Mr. Narendra U. Chipde | Asstt. Professor(Ad-hoc) | M. E. | UG | |
| 08 | Mr.Nilesh A.Chintamani | Asstt. Professor (Ad-hoc) | M.E. | UG | |
| 09 | Ms.Chaitali V.Deshmukh | Asstt. Professor (Ad-hoc) | M.E. | UG | |
| 10 | Ms.Rachana A. Agrawal | Asstt. Professor (Ad-hoc) | M.E. | UG | |
| 11 | Ms.Shital S.Chavhan | Asstt. Professor (Ad-hoc) | M.E. | First Yr. & Other | |
| 12 | Mr. Ajaykumar R. Kukatkar | Asstt. Professor (Ad-hoc) | M.Sc. | First Yr.& Other | |


Permanent Faculty : Student Ratio:- 1:20


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 | 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. 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 / | | |


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|--|--|---|-----|
| 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 | 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 | | |


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|--|--|--|---|
| 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) | | |

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|---|--|---------------|---|
| 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 | | |


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|--|---|----------------------------------|---|
| Name | Prof.Nishant Vijay Chavhan. | |  |
| Date of Birth | 19/05/1998 | | |
| 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 | 01 Years | |
| | Industry | Nil | |
| | Research | Project | |
| | Others | NIL | |
| Area of Specialization | Medicinal Chemistry. | | |
| Courses taught at Diploma / Post Diploma/ Under Graduate/Post Graduate/Post Graduate Diploma Level | | | Nil |
| 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 | To Study Medicinal Properties of Benzo-quinon Derivatives. | | |
| Patents(Filed & Granted) | Nil | | |
| Technology Transfer | | | |
| Research Publications | No. of papers published in Journals | National | Nil |
| | | International | Nil |
| | | Conferences | Nil |
| No. of Books published with details | Nil | | |
| Professional Membership | Nil | | |

Faculty Profile to be required for AICTE mandatory Disclosure


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|---|--|---------------|---|
| Name | Shrikant Subhash Chavhan | |  |
| Date of Birth | 05/06/2000 | | |
| AICTE Unique ID | | | |
| Pan No. | BYLPC5320H | | |
| Aadhar No. | 887286638819 | | |
| Educational Qualification (With Class/Grade) | UG – B.Sc (PCM) | First Class | |
| | PG - M.Sc Physics , SET, | First Class | |
| Work Experience(In Years) | Teaching- | Nil | |
| | Industry- | Nil | |
| | Research- | Nil | |
| | Others- | Nil | |
| Area of Specialization | Condense Matter Physics | | - |
| Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate Diploma Level | Computer Resource Management, Data Communication and networking, Compiler Design, Data Structures, Operating System | | Nil |
| Research Guidance (Number of Students) | No. of Papers Published in Journals | National | Nil |
| | | International | Nil |
| | | Conferences | Nil |
| | Masters (Completed/ Ongoing) | | Completed |
| Project Carried Out | -Nil | | |
| Patents (Filed & Granted) | -Nil | | |
| Technology Transfer | -Nil | | |
| Research Publication | No. of Papers Published in Journals | National | Nil |
| | | International | Nil |
| | | Conferences | |
| No .of Books Published with details | Name of Book, Publisher with ISBN, Year of Publication etc. | | |
| Professional Membership | - Nil | | |


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|--|---|---------------|-----------|
| Name | Md Parvez Farooque Agwan | | |
| Date of Birth | 26/8/1998 | | |
| AICTE Unique ID | 1-44070234994 | | |
| | | | |
| Educational Qualification (With Class/Grade) | 2UG–B.E Civil Engg | | |
| | PG–ME | | |
| | Ph.D. Nil | | |
| Work Experience (In Years) | Teaching-4 Years | | |
| | Industry- | | |
| | Research- | | |
| | Others- | | |
| Area of Specialization | Thermal Engg | | |
| Courses taught at Diploma/Post Diploma/Undergraduate/Post Graduate Diploma Level | | | |
| 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 | Members of ISTE | | |


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|--|---|----------------------------|---------------------------------|
| 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 | | |


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|---|--|--|---|
| 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 | | |


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|---|---|-----------------------------|---------------------|
| 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 | | |


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|---|--|--------------------------------------|--|
| Name | Sushil SuganchandZambani | |  |
| Date of Birth | 20-06-1964 | | |
| AICTE Unique ID | 1-436253859 | | |
| | | | |
| Educational Qualification (With classes/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 | 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 | 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. 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 | 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.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 | 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/Under Graduate/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) | | Comple |
| | 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 | 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 | 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 | 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 | 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 | | |

9. Fee

No. of Fee waivers granted with amount and name of students: Refer table below

Number of scholarship offered by the institution ,duration and amount: Refer table below

Babasaheb Naik College of Engineering,Pusad.

LIST OF FEE CONCESSIONS 2024-25

College Concession

| Sr.No. | Name of Student | Pin No. | Class | Concession | Total Concession |
|---------------|----------------------------|----------------|--------------|-------------------|-------------------------|
| 1 | Ahmed Zuber Siddique | 2020058 | 4 C,A | 24,201.00 | 24,201.00 |
| 2 | Ubale Suchita Sudhir | 2021045 | TY AI&DS-A | 43,605.00 | 43,605.00 |
| 3 | Khan Saquib Farooque | 2021647 | 4 R,A | 35,573.00 | 35,573.00 |
| 4 | Bhange Harshikesh Avinash | 2021088 | 3C,CGS,A | 40,210.00 | 40,210.00 |
| 5 | Shaikh Majid Shaikh Yunus | 2021095 | 3E-CGS,A | 40,210.00 | 40,210.00 |
| 6 | Markad Sachin Dattrao | 2021101 | TY AI&DS-A | 40,210.00 | 40,210.00 |
| 7 | Babhale Samiksha Rajeshwar | 2022260 | 3R-CGS,A | 42,895.00 | 42,895.00 |
| 8 | Kadam Abhishek Balaji | 2022267 | TY AI&DS-A | 42,895.00 | 42,895.00 |
| 9 | Ingole Parth Anantkumar | 2022268 | 3R-CGS,A | 42,895.00 | 42,895.00 |
| 11 | Deshmukh Shravani Shrikant | 2022278 | 3 M,A | 42,895.00 | 42,895.00 |
| 13 | Bhange Sakshi Dattrao | 2022281 | 3R-CGS,A | 42,895.00 | 42,895.00 |
| 14 | Babhulkar Swapnil Santosh | 2022286 | 3R-CGS-B | 42,895.00 | 42,895.00 |
| 15 | Chaudhari Riya Shankar | 2022293 | TY AI&DS-A | 42,895.00 | 42,895.00 |
| 16 | Kashte Sejal Vikrant | 2022295 | TY AI&DS-A | 66,000.00 | 66,000.00 |
| 17 | Tiwaskar Kunal Naresh | 2022302 | 3E-CGS,A | 42,895.00 | 42,895.00 |
| 19 | Sontakke Tanuja Sitaram | 2023298 | 2R-CGS,B | 36,284.00 | 36,284.00 |
| 20 | Warne Devyani Narayan | 2023303 | 2M-CGS,A | 36,284.00 | 36,284.00 |
| 21 | Raypure Ram Shankar | 2023312 | 2M-CGS,A | 36,284.00 | 36,284.00 |
| 22 | Deshmukh Kirti Ganesh | 2023315 | 2M-CGS,A | 36,284.00 | 36,284.00 |
| 23 | Kale Rutuja Rajesh | 2023317 | 2R-CGS,A | 36,284.00 | 36,284.00 |
| 24 | Rathod Manoj Vasanta | 2023334 | 2C-CGS,A | 36,284.00 | 36,284.00 |
| 25 | Patange Onkar Dnyaneshwar | 2023336 | 2M-CGS,A | 36,284.00 | 36,284.00 |
| 26 | Bhende Rutuja Arvind | 2023341 | SY AI&DS-A | 36,284.00 | 36,284.00 |
| 27 | Pawar Om Darasing | 2023357 | 2E-CGS,A | 36,284.00 | 36,284.00 |
| 29 | Haravat Gopal Vitthal | 2023362 | 2C-CGS,A | 36,284.00 | 36,284.00 |
| 30 | Rathod Karan Dilip | 2023363 | 2E-CGS,A | 36,284.00 | 36,284.00 |

Employee Ward Concession

| Sr.No. | Name of Student | Pin No. | Class | Concession | Total Concession |
|---------------|------------------------|----------------|--------------|-------------------|-------------------------|
| 1 | Anam Salim Amdani | 2022108 | II CSE | 21448 | 21448 |
| 2 | Atharv D. Bhalekar | 2022197 | II MECH | 21,448.00 | 21,448.00 |
| 3 | Antara Vilas Dahale | 2023342 | I AIDS | 36,284.00 | 36,284.00 |

Tuition fee waivers Scheme

| Sr.No. | Name of Student | Pin No. | Class | Concession | Total Concession |
|--------|----------------------------------|---------|------------|------------|------------------|
| 1 | Shinde Aasha Ashok | 2022002 | | 85790 | 85790 |
| 2 | Netankar Gauri Sunil | 2022011 | | 85790 | 85790 |
| 3 | Shaikh Firoz Shaikh Ismail | 2022012 | | 85790 | 85790 |
| 4 | Shaikh Adnan Ahmad Mosiuddin | 2022023 | | 85790 | 85790 |
| 5 | Dudhe Prathamesh Prabhudas | 2022030 | | 85790 | 85790 |
| 6 | Alone Paras Sudhakar | 2022031 | | 85790 | 85790 |
| 7 | Rathod Nitesh Milind | 2023002 | | 72568 | 72568 |
| 8 | Sayyad Parvej Sayyad Riyaj | 2023005 | | 72568 | 72568 |
| 9 | Chinnawar Ninad Rajeshwar | 2023009 | | 72568 | 72568 |
| 10 | Jadhav Vinayak Ramesh | 2023013 | | 72568 | 72568 |
| 11 | Mukkawar Renu Sanjay | 2023036 | | 72568 | 72568 |
| 12 | Dau Bhumika Sachin | 2023049 | | 72568 | 72568 |
| 13 | Syed Vasika Namra Aijaz | 2023053 | | 72568 | 72568 |
| 14 | Burse Manasvi Satyendra | 2023068 | | 72568 | 72568 |
| 15 | Bakali Mohd Mahedi Abdul Sattar | 2023074 | | 72568 | 72568 |
| 16 | Rathod Roshni Baban | 2023094 | | 72568 | 72568 |
| 17 | Jaiswal Khushi Sunil | 2023146 | | 72568 | 72568 |
| 18 | Khan Tanveer Khan Taj | 2023176 | | 72568 | 72568 |
| 19 | Gudikandula Pawan Shiva | 2023179 | | 72568 | 72568 |
| 20 | Gadewar Vinayak Ramesh | 2023194 | | 72568 | 72568 |
| 21 | Mankar Supesh Sudhakar | 2023208 | | 72568 | 72568 |
| 22 | Jadhao Yash Vijay | 2023274 | | 72568 | 72568 |
| 23 | Dhotarkar Suyash Rambhau | 2024096 | Civil | 72568 | 72568 |
| 24 | Chavhan Nikita Sutradhar | 2024347 | Civil | 72568 | 72568 |
| 25 | Rathod Shivani Kishor | 2024301 | Civil | 72568 | 72568 |
| 26 | Thadave Atharva Diliprao | 2024114 | CSE | 72568 | 72568 |
| 27 | Samarth Shravani Satish | 2024017 | CSE | 72568 | 72568 |
| 28 | Dharmale Tejas Arun | 2024097 | CSE | 72568 | 72568 |
| 29 | Muqteet Akram Khan Asdullah Khan | 2024068 | CSE | 72568 | 72568 |
| 30 | Bhalekar Ayush Amar | 2024080 | CSE | 72568 | 72568 |
| 31 | Raut Pragati Sanjayrao | 2024194 | CSE | 72568 | 72568 |
| 32 | Anantwar Krishna Vinod | 2024023 | CSE | 72568 | 72568 |
| 33 | Bhaskarwar Aayush Ravindra | 2024339 | CSE | 72568 | 72568 |
| 34 | Behere Ayush Kailas | 2024254 | CSE | 72568 | 72568 |
| 35 | Rathod Bhumika Jagdish | 2024247 | EPS | 72568 | 72568 |
| 36 | Gaharwar Harsh Kawaleshsingh | 2024141 | EPS | 72568 | 72568 |
| 37 | Shiradkar Anushri Pramod | 2024258 | EPS | 72568 | 72568 |
| 38 | Bhone Aniket Ravi | 2024013 | AI&DS | 72568 | 72568 |
| 39 | Bodkhe Bhakti Kiran | 2024016 | AI&DS | 72568 | 72568 |
| 40 | Deshmukh Viraj Balasaheb | 2024292 | AI&DS | 72568 | 72568 |
| 41 | Nandapure Saurabh Punjaji | 2024067 | Mechanical | 72568 | 72568 |
| 42 | Dudhe Pranav Vijay | 2024338 | Mechanical | 72568 | 72568 |

10. Admission :

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

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

| 10. Admission (Branch Wise) | | Branch Intake | | |
|-----------------------------|--|---------------|---------|---------|
| 10.1 | Civil Engineering | 60 | 60 | 60 |
| | | 2022-23 | 2023-24 | 2024-25 |
| 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 | 7 | 8 |
| | ST | 0 | 0 | 2 |
| | OBC (including VJNT/SBC/ESBC/EBC) | 37 | 44 | 46 |
| | Open | 12 | 11 | 9 |
| | | | | |
| | | 50 | 62 | 65 |
| 10. Admission (Branch Wise) | | Branch Intake | | |
| 10.2 | Mechanical Engineering | 60 | 60 | |
| | | 2022-23 | 2023-24 | 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 | 6 | 9 | 10 |
| | ST | 0 | 0 | 0 |
| | OBC (including VJNT/SBC/ESBC/EBC) | 22 | 42 | 42 |
| | Open | 8 | 8 | 6 |
| | | | | |
| | | 36 | 59 | 58 |

| 10. Admission (Branch Wise) | | Branch Intake | | |
|-----------------------------|---|---------------|---------|---------|
| 10.3 | Computer Sci. & Engineering | 120 | 120 | 180 |
| | | 2022-23 | 2023-24 | 2024-25 |
| 1 | Number of seats sanctioned with the year of approval | 120 | 120 | 180 |
| 2 | Number of students admitted under various categories each year in the last three years. | | | |
| | SC | 19 | 13 | 20 |
| | ST | 0 | 4 | 2 |
| | OBC (including VJNT/SBC/ESBC/EBC) | 63 | 86 | 133 |
| | Open | 44 | 30 | 30 |
| | | | | |
| | | 126 | 133 | 185 |
| 10. Admission (Branch Wise) | | Branch Intake | | |
| 10.4 | Electrical (Elect &Power) Engineering. | 30 | 30 | 60 |
| | | 2022-23 | 2023-24 | 2024-25 |
| 1 | Number of seats sanctioned with the year of approval | 30 | 30 | 60 |
| 2 | Number of students admitted under various categories each year in the last three years | | | |
| | SC | 4 | 2 | 10 |
| | ST | 0 | 0 | 0 |
| | OBC (including VJNT/SBC/ESBC/EBC) | 16 | 27 | 35 |
| | Open | 5 | 5 | 17 |
| | | | | |
| | | 25 | 34 | 62 |
| 10. Admission (Branch Wise) | | Branch Intake | | |
| 10.5 | Artificial Intelligence & Data Science | 60 | 60 | 60 |
| | | 2022-23 | 2023-24 | 2024-25 |
| 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 | 6 | 9 | 7 |
| | ST | 0 | 0 | 1 |
| | OBC (including VJNT/SBC/ESBC/EBC) | 33 | 41 | 42 |
| | Open | 21 | 14 | 10 |
| | | | | |
| | | 60 | 64 | 60 |

- 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 = 96 / 96**

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 2024-25

| Branch Name | Intake | JEE | MHT-CET |
|--|--------|-----|---------|
| Civil | 60 | 8 | 57 |
| Mechanical | 60 | 6 | 52 |
| Computer Science & Engineering | 180 | 22 | 163 |
| Electrical Engg (EPS) | 60 | 6 | 56 |
| Artificial Intelligence & data Science | 60 | 9 | 41 |

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

**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 | 10/09/2024 onwards |
| 2 | Last date of receiving forms | 10/09/2024 at 06.00 pm |
| 3 | Display of Provisional Merit list | 11/09/2024 at 10.30 am |
| 4 | Submission of grievances if any | 11/09/2024 at 11.00 am |
| 5 | Display of Final Merit list | 11/09/2024 at 11.30 am |
| 6 | Reporting for Admission process | 11/09/2024 and 13/09/2024 upto 3.00 pm |

Management Quota Admission
Schedule of Activities for Direct Second year Admissions.

EN-1117

| S.N | Schedule Details | Against CAP Vacancy |
|-----|-----------------------------------|-------------------------------|
| 1 | Sale of application forms | 11/09/2024 onwards |
| 2 | Last date of receiving forms | 11/09/2024 upto 06.00 pm |
| 3 | Display of Provisional Merit List | 12/09/2024 at 10.30 am |
| 4 | Submission of Grievances if any | 12/09/2024 at 11.00 am |
| 5 | Display of Final Merit List | 12/09/2024 at 11.30 am |
| 6 | Reporting for Counseling | 12/09/2024 to 14/09/2024 upto |

Prof. I/C Admission

PRINCIPAL

Management Quota Admission
Schedule of Activities for M.E first year Admissions.

EN-1117

| S.N | Schedule Details | Against CAP Vacancy |
|-----|-----------------------------------|-------------------------------|
| 1 | Sale of application forms | 04/09/2024 onwords |
| 2 | Last date of receiving forms | 07/09/2024 upto 06.00 pm |
| 3 | Display of Provisional Merit List | 08/09/2024 at 10.30 am |
| 4 | Submission of Grievances if any | 08/09/2024 at 11.00 am |
| 5 | Display of Final Merit List | 08/09/2024 at 11.30 am |
| 6 | Reporting for Counseling | 08/09/2024 to 10/09/2024 upto |

Prof. I/C Admission

PRINCIPAL

- iv. Last date of Request for Application** – 10/09/2024 (first year), 04/09/2024 (M.E.) ,11/09/2024 (Direct Second Year)
- v. Last date of submission of Application** –
10/09/2024 (first year), 04/09/2024 (M.E.) ,11/09/2024 (Direct Second Year)
- vi. Date of Announcing Final result** – 11/09/2024 (first year), 08/09/2024 (M.E.) ,12/09/2024 (Direct Second Year)
- vii. Release of Admission List** - 11/09/2024 (first year), 08/09/2024 (M.E.) ,12/09/2024 (Direct Second Year)
- viii. Date of acceptance by candidate** -11/09/2024 (first year), 08/09/2024 (M.E.) ,12/09/2024 (Direct Second Year)
- ix. Last date of Closing Admission and Starting of Academic Session:-** 13/09/2024 (first year), 10/09/2024 (M.E.) ,14/09/2024 (Direct Second Year)
- 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 2024-25

1117 -Janata Shikshan Prasarak Mandal's Babasaheb Naik College Of Engineering,Pusad

111719110-Civil Engineering

Status: Un-Aided

Other Than Home University Seats Allotted to Home University Candidates

| | |
|-------|---------------------|
| Stage | LOBCO |
| 1 | 123081 (27.6545345) |

State Level

| | |
|--------------|--------------------|
| Stage | DEFOPENS |
| 1Non Defence | 86155 (58.5474069) |

111724210-Computer Science and Engineering

Status: Un-Aided

Home University Seats Allotted to Home University Candidates

| | | | |
|------|-----------------------|-----------------------|-----------------------|
| Stag | GSCH | GOBCH | LOPENH |
| | 97486 (50.6107355) | 59840 (73.6426530) | 41080 (82.8695230) |

Other Than Home University Seats Allotted to Other Than Home University Candidates

| | | | | | |
|-------|-----------------------|------------------------|------------------------|-----------------------|------------------------|
| Stage | GOPENO | Gsco | GOBCO | LOPENO | LOBCO |
| 1 | 89055 (56.7366842) | 106790 (43.2248410) | 119488 (31.7228694) | 83572 (59.9249812) | 109854 (40.6521983) |

State Level

| | | |
|--------------|--------------------|---------------------|
| Stage | DEFOPENS | EWS |
| | | 78156 (63.69010141) |
| 1Non Defence | 63974 (71.6354089) | |

Legends:Start Character G-General,L-Ladies,End Character H-Home University,O-Other than Home University,S-State Level

***Maharashtra State Seats -Cut Off Indicates State General Merit No.;Figures in bracket Indicates MHT-CET PCM Percentile**

1117 -Janata Shikshan Prasarak Mandal's Babasaheb Naik College Of Engineering,Pusad

111735610-Electrical Engg[Electronics and Power]

Status: Un-Aided

Home University Seats Allotted to Home University Candidates

| | |
|-------|--------------------|
| Stage | GOPENH |
| 1 | 67974 (69.5976990) |

State Level

| | |
|--------------|--------------------|
| Stage | DEFOPENS |
| 1Non Defence | 84610 (59.8623853) |

111761210-Mechanical Engineering

Status: Un-Aided

Home University Seats Allotted to Home University Candidates

| stage | GOPENH | GVJH | GOBCH | LOPENH | LSTH |
|-------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|
| I | 90667 (55.4490884) | 93230 (53.6496624) | 90936 (50.8083922) | 75837 (65.0367935) | |
| VII | | | | | 101273 (47.3870580) |

Other Than Home University Seats Allotted to Home University Candidates

| | |
|-------|-------------------|
| Stage | GOPENO |
| I | 78632 (63.650890) |

111799510-Artificial Intelligence and Data Science

Status: Un-Aided

Other Than Home University Seats Allotted to Other Than Home University Candidates

| | |
|-------|-----------------|
| Stage | GOPENO |
| I | 93985 (1821523) |

Legends:Start Character G-General,L-Ladies,End Character H-Home University,O-Other than Home University,S-State Level

***Maharashtra State Seats -Cut Off Indicates State General Merit No.;Figures in bracket Indicates MHT-CET PCM Percentle**

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 | EN24130904 | ADE SONU SURESH | HSC | 64.83 | 69.33 | 34.8002089 | | | 144856 | 34.8002089 |
| 2 | EN24208410 | ADE VAISHNAVI ANIL | HSC | 77.67 | 86 | 46.3828235 | 2.4032E+11 | 28.4426659 | 127234 | 46.3828235 |
| 3 | EN24230109 | ALAVAT RINA GANESH | HSC | 72 | 78 | 42.8773305 | | | 133043 | 42.8773305 |
| 4 | EN24246616 | BHISADE VISHAL BHAGAWAN | HSC | 72.5 | 78 | 43.8452614 | | | 131748 | 43.8452614 |
| 5 | EN24205137 | BOMBABALE ANJALI ANIL | HSC | 49.17 | 48 | 47.9842799 | | | 125014 | 47.9842799 |
| 6 | EN24254772 | CHANDEL VINIT SHAILESH | HSC | 70 | 79.67 | 37.6014199 | | | 140986 | 37.6014199 |
| 7 | EN24208333 | CHAVAN ROHINI KIRAN | HSC | 47.17 | 48 | 18.576741 | | | 41562 | 18.576741 |
| 8 | EN24204120 | CHAVHAN DIVYA KISHOR | HSC | 58.83 | 61 | 55.2318816 | | | 111954 | 55.2318816 |
| 9 | EN24248488 | CHAVHAN PRACHI LAXMAN | HSC | 76.5 | 81.67 | 33.6953839 | | | 145915 | 33.6953839 |
| 10 | EN24164247 | CHAVHAN SALONI SANJAY | HSC | 54.67 | 53.67 | 23.9454765 | 2.40311E+11 | 16.4738832 | 84829 | 16.4738832 |
| 11 | EN24346928 | CHAVHAN SAMADHAN BALU | HSC | 42.67 | 44 | 72.3242844 | | | 4155 | 72.3242844 |
| 12 | EN24205850 | CHINCHOLKAR ATHARVA ABHAY | HSC | 68.83 | 71.33 | 49.7949643 | | | 122345 | 49.7949643 |
| 13 | EN24250404 | DHARANKAR SAKSHI VILAS | HSC | 81.83 | 85 | 43.4393889 | | | 132520 | 43.4393889 |
| 14 | EN24307548 | DIPAKE SAMEER UTTAM | HSC | 56.83 | 66 | 63.2340107 | | | 41514 | 63.2340107 |
| 15 | EN24249170 | DIVEKAR AMITESH BHIMRAO | HSC | 77.33 | 81.67 | 52.2046883 | | | 117727 | 52.2046883 |
| 16 | EN24270694 | DODKE RITESH RAJU | HSC | 70.17 | 79 | 27.6622718 | 2.4031E+11 | 37.5946229 | 153607 | 27.6622718 |
| 17 | EN24343669 | FARHAN ILAHI KHAN FIROZ KHAN PATHA | HSC | 79.33 | 85.33 | | 2.4032E+11 | 8.9255354 | 415106 | 68.840205 |
| 18 | EN24164516 | GAVHANE ADITI RAJESH | HSC | 80.5 | 87.33 | 49.7949643 | | | 122246 | 49.7949643 |
| 19 | EN24270072 | GAVHANE NILESH SANTOSH | HSC | 63.83 | 69 | 6.2116069 | 2.40311E+11 | 40.0503434 | 11179 | 6.2116069 |
| 20 | EN24199099 | GHADAGE SHANKAR GAJANAN | HSC | 67.67 | 76 | 60.2951569 | | | 41517 | 60.2951569 |
| 21 | EN24279045 | INGLE RUTUJ GANAJI | HSC | 67.33 | 80.33 | 22.974757 | | | 41552 | 22.974757 |
| 22 | EN24263268 | JADHAV SUMIT ANIL | HSC | 70.33 | 78.67 | 11.7746273 | | | 111715 | 11.7746273 |
| 23 | EN24171117 | JADHAV MAHIMA DASHRATH | HSC | 66.5 | 70.33 | 35.3791065 | | | 143777 | 35.3791065 |
| 24 | EN24300732 | JADHAV NAYAN DILIP | HSC | 72.67 | 74.67 | 55.2318816 | | | 112210 | 55.2318816 |
| 25 | EN24286580 | JADHAV PRATIK AVINASH | HSC | 74.17 | 77.33 | 38.5392182 | | | 139959 | 38.5392182 |
| 26 | EN24296774 | JADHAV SHREYASH ANIL | HSC | 60.33 | 63 | 34.1954023 | | | 145757 | 34.1954023 |
| 27 | EN24199194 | KAMBLE MANISH RAMKISAN | HSC | 87.67 | 88.33 | 20.9410678 | | | 161674 | 20.9410678 |
| 28 | EN24323898 | KAMBLE RAHUL BABURAO | HSC | 55.5 | 50.67 | 16.2423214 | | | 166210 | 16.2423214 |
| 29 | EN24266932 | KAMBLE VISHAKHA SUDAM | HSC | 74.5 | 87.67 | 34.8626522 | | | 144397 | 34.8626522 |
| 30 | EN24168743 | KOKANE PRASHANT VIJAY | HSC | 72.17 | 78.67 | 72.3242844 | | | 76646 | 72.3242844 |
| 31 | EN24266873 | KOKARE SHIVAM SANTOSH | HSC | 61 | 69 | 19.4065824 | | | 41559 | 19.4065824 |
| 32 | EN24195129 | LAVHARE SWAPNIL BHAGWAT | HSC | 79 | 79.67 | 16.1364215 | | | 166281 | 16.1364215 |
| 33 | EN24155181 | MASKE VARAD BAPUSAHEB | HSC | 73 | 77.67 | 57.2537563 | | | 108429 | 57.2537563 |
| 34 | EN24214217 | MASOOD AMMAR MUKHTAR KHAN | HSC | 64.83 | 69.33 | 27.5123271 | | | 41548 | 27.5123271 |
| 35 | EN24252698 | MOTALE ANKITA KISAN | HSC | 78.17 | 82 | 29.6395567 | | | 151094 | 29.6395567 |
| 36 | EN24200375 | NARWADE AKSHTA GAJANAN | HSC | 80.33 | 88 | 38.5392182 | | | 139781 | 38.5392182 |
| 37 | EN24314385 | PAIKRAO PRANALI RAHUL | HSC | 58.33 | 64 | 77.6411427 | | | 63961 | 77.6411427 |
| 38 | EN24276588 | PARIHAR RUDRA DEEPAK | HSC | 74.17 | 71 | 9.3921759 | 2.40311E+11 | 2.2545141 | 90487 | 2.2545141 |
| 39 | EN24320124 | PATIL ROHINI RAJESH | HSC | 68.83 | 68 | 9.6053076 | | | 41587 | 9.6053076 |
| 40 | EN24194913 | PAWAR SUVARNA MAHESH | HSC | 76.83 | 89 | 46.3188381 | | | 127872 | 46.3188381 |
| 41 | EN24195499 | PENDHE YASH VILAS | HSC | 81 | 87 | 48.8696809 | | | 123440 | 48.8696809 |
| 42 | EN24193967 | PULATE PARTH DINESH | HSC | 76.67 | 87.33 | 17.3380806 | | | 41566 | 17.3380806 |
| 43 | EN24295508 | RATHOD ATHARVA GANESH | HSC | 80 | 85.33 | 33.6953839 | 2.40311E+11 | 48.7069037 | 57118 | 48.7069037 |
| 44 | EN24262816 | RATHOD DEVESH AJAY | HSC | 78.17 | 84 | 28.7003692 | | | 170905 | 28.7003692 |
| 45 | EN24199100 | RATHOD KARAN UMESH | HSC | 54.83 | 59.33 | 20.9331029 | 2.40311E+11 | 26.9375191 | 78112 | 26.9375191 |
| 46 | EN24289024 | RATHOD KSHITIJ ASHOK | HSC | 54.33 | 53.67 | 13.6621028 | | | 41573 | 13.6621028 |
| 47 | EN24210668 | RATHOD ROHAN VIJAY | HSC | 72 | 80.33 | | 2.40311E+11 | 37.8563695 | 68926 | 37.8563695 |
| 48 | EN24306177 | RATHOD ROHIT DILIP | HSC | 58.5 | 53.33 | 32.8923205 | | | 146767 | 32.8923205 |
| 49 | EN24263235 | RATHOD ROSHAN GANESH | HSC | 71.67 | 77.67 | 22.1725851 | | | 111714 | 22.1725851 |
| 50 | EN24146726 | RATHOD RUSHIKESH RAMESH | HSC | 78.33 | 88 | 45.3423263 | 2.4032E+11 | 27.7187344 | 129496 | 45.3423263 |
| 51 | EN24131063 | RATHOD SALONI SANTOSH | HSC | 59 | 59.67 | 50.6004122 | | | 121315 | 50.6004122 |
| 52 | EN24167981 | RATHOD SMITA SHAILESH | HSC | 61.5 | 66.33 | 30.3265615 | | | 150785 | 30.3265615 |
| 53 | EN24205665 | RATHOD USHA BHIKAJI | HSC | 64.5 | 71.33 | 11.0205778 | | | 11177 | 11.0205778 |
| 54 | EN24267403 | RAUT HITANSHU PURUSHOTTAM | HSC | 49.83 | 52.33 | 29.3071786 | | | 151275 | 29.3071786 |
| 55 | EN24182252 | RAUT SHRIRANG VIRAG | HSC | 54 | 51 | 34.805294 | | | 144687 | 34.805294 |
| 56 | EN24266541 | SHEIKH AFEEF SHEIKH IRFAN | HSC | 79.83 | 84.33 | 60.1504384 | | | 103575 | 60.1504384 |
| 57 | EN24313807 | SHEKH MOHAMMAD IKAN MOHAMMAD A | HSC | 69.5 | 75.67 | 16.6009499 | | | 165575 | 16.6009499 |
| 58 | EN24296174 | SHEWALKAR SANSKRUTI PRADIP | HSC | 63 | 66.33 | 5.5566668 | | | 41594 | 5.5566668 |
| 59 | EN24242773 | SHINDE SWAPNIL LAXMAN | HSC | 60.33 | 70.33 | 57.1543272 | | | 109360 | 57.1543272 |
| 60 | EN24280744 | SUROSH PRADIP GOPAL | HSC | 76.67 | 82.67 | 64.4664266 | 2.40311E+11 | 35.345169 | 71090 | 35.345169 |
| 61 | EN24206122 | TAWDE SEJAL GAJANAN | HSC | 73.17 | 77 | 9.2050034 | 2.4032E+11 | 0.8792213 | 90794 | 0.8792213 |
| 62 | EN24159362 | ZADE PRANAV SHANKAR | HSC | 48.5 | 40.67 | 74.5088207 | | | 4153 | 74.5088207 |
| 63 | EN24261535 | CHAVHAN NIKITA SUTRADHAR | HSC | 67.6 | 66.67 | 47.4576949 | | | 125954 | 47.4576949 |
| 64 | EN24319110 | DHOTARKAR SUYASH RAMBHAU | HSC | 73.5 | 70.67 | 63.9612515 | 2.40311E+11 | 20.2090533 | 94978 | 63.9612515 |
| 65 | EN24162505 | RATHOD SHIVANI KISHOR | HSC | 82 | 84 | 33.6953839 | | | 145958 | 33.6953839 |
| 66 | EN24166972 | AAKOTAKAR AADITYA MANIKRAO | HSC | 69.67 | 74.67 | 69.275473 | | | 4158 | 69.275473 |
| 67 | EN24116438 | ADE GAYATRI HITESH | HSC | 77 | 83 | 46.3828235 | 2.4031E+11 | 55.591767 | 49256 | 55.591767 |
| 68 | EN24247082 | ADHAO PAVAN SHEKORAV | HSC | 60.17 | 64.67 | 62.2534756 | | | 99572 | 62.2534756 |
| 69 | EN24255546 | ADITI RAJESH SURYAWANSHI | HSC | 66 | 76 | 47.0113809 | | | 126523 | 47.0113809 |
| 70 | EN24247193 | AMBHORE CHETAN SAMADHAN | HSC | 73 | 81.67 | 52.9935209 | | | 116471 | 52.9935209 |
| 71 | EN24248915 | ANAS NABIL ANSAR SHEIKH | HSC | 70.33 | 75.67 | 39.5390798 | | | 137720 | 39.5390798 |
| 72 | EN24174370 | ARBAT GAURAV SANTOSH | HSC | 69.67 | 75.67 | 62.2534756 | 2.40311E+11 | 34.7551904 | 99497 | 62.2534756 |
| 73 | EN24149927 | BADWE RENUKA SANTOSH | HSC | 60.33 | 67.33 | | 2.40311E+11 | 64.2467682 | 38875 | 64.2467682 |

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 |
|---------|----------------|--------------------------------|-----------------|----------------------|------------------------|----------------|--------------------|----------------|----------|-------------|
| 74 | EN24315231 | BAHADURE SURAJ CHANDRAKANT | HSC | 66.5 | 70.33 | 60.6237408 | | | 101087 | 60.6237408 |
| 75 | EN24230743 | BAKAL SANSKAR NAMDEVRAO | HSC | 73 | 71 | 48.8696809 | 2.40311E+11 | 49.3963053 | 56297 | 49.3963053 |
| 76 | EN24254834 | BEDARKAR SHIVAM RAMAKANT | HSC | 78.5 | 89 | 36.6283954 | | | 41535 | 36.6283954 |
| 77 | EN24254625 | BHALERAO SAMIKSHA SANTOSH | HSC | 56 | 64 | 66.0164943 | | | 90637 | 66.0164943 |
| 78 | EN24256403 | BHATKAR OMKUMAR RAVINDRA | HSC | 49 | 44.5 | 52.0861037 | 2.4032E+11 | 57.8061345 | 46604 | 57.8061345 |
| 79 | EN24218606 | BHELONDE PALAK SHRIKANT | HSC | 75.17 | 77.33 | 74.3785526 | 2.40311E+11 | 21.0827014 | 71709 | 74.3785526 |
| 80 | EN24293144 | BHOPI RADHA SAMBHAJI | HSC | 68.17 | 73.33 | 59.0509185 | 2.40311E+11 | 30.4829638 | 105671 | 59.0509185 |
| 81 | EN24172234 | BHOSALE POONAM DATTATRAY | HSC | 74.67 | 77.33 | 62.2534756 | | | 99620 | 62.2534756 |
| 82 | EN24283673 | BHOYAR HARIOM NANDKISHOR | HSC | 86.5 | 89.33 | 69.8140377 | | | 82366 | 69.8140377 |
| 83 | EN24108901 | BONDE GOPAL SANTOSH | HSC | 48.83 | 47.5 | 36.2134011 | | | 142490 | 36.2134011 |
| 84 | EN24278047 | BURKHANDI SHIVAM BHIMASHANKAR | HSC | 76 | 85.33 | 58.5786927 | | | 106014 | 58.5786927 |
| 85 | EN24235780 | CHAMBHARE GANGADHAR RAMESHWAR | HSC | 76.67 | 87 | 51.1396363 | | | 119900 | 51.1396363 |
| 86 | EN24131721 | CHANDAN NITIKESH DILIP | HSC | 79.5 | 89.33 | 76.1268781 | 2.40311E+11 | 1.4875781 | 4152 | 76.1268781 |
| 87 | EN24101738 | CHAVAN KRUSHNA ATMARAM | HSC | 65.67 | 68.67 | 45.521922 | | | 129022 | 45.521922 |
| 88 | EN24316371 | CHAVAN SANKET KAILASRAO | HSC | 77.33 | 81.67 | 39.2350823 | | | 138264 | 39.2350823 |
| 89 | EN24159168 | CHAVHAN GAURAV VIKAS | HSC | 74.33 | 82 | 15.4858883 | 2.4032E+11 | 12.184161 | 41569 | 15.4858883 |
| 90 | EN24308926 | CHAVHAN KUNAL AMBADASRAO | HSC | 57.17 | 59.67 | 52.0861037 | 2.40311E+11 | 27.8601519 | 117982 | 52.0861037 |
| 91 | EN24234467 | CHAVHAN PORNIMA PANDURANG | HSC | 81.33 | 85.33 | 31.6234334 | 2.40311E+11 | 45.6287618 | 11174 | 31.6234334 |
| 92 | EN24317887 | CHAVHAN RIYA RAJU | HSC | 72 | 77 | 59.0509185 | 2.40311E+11 | 69.5628064 | 32449 | 69.5628064 |
| 93 | EN24281747 | CHAVHAN VIKRANT VISHWAS | HSC | 73 | 79.67 | 46.3828235 | 2.40311E+11 | 59.6793493 | 44631 | 59.6793493 |
| 94 | EN24225741 | CHINCHOLE ROHAN PRASHANT | HSC | 87.83 | 92.67 | 61.8908693 | | | 99948 | 61.8908693 |
| 95 | EN24149177 | CHIPDE ATHARVA JAYANT | HSC | 50.83 | 40.33 | 44.8929536 | | | 41532 | 44.8929536 |
| 96 | EN24220795 | DAMBHARE VEDANTI MAROTI | HSC | 63 | 58.33 | 75.0114283 | | | 70133 | 75.0114283 |
| 97 | EN24205049 | DATIR GAURI SATISH | HSC | 75.33 | 75.33 | 65.8812284 | | | 91139 | 65.8812284 |
| 98 | EN24208187 | DESHMUKH ANKITA PRAMOD | HSC | 54.33 | 51.33 | 66.4751458 | | | 89929 | 66.4751458 |
| 99 | EN24133796 | DESHMUKH BASVESHVAR DILIP | HSC | 63.67 | 59.33 | 64.4664266 | | | 41513 | 64.4664266 |
| 100 | EN24247603 | DESHMUKH SWARANJALI DIGAMBAR | HSC | 85.17 | 91.67 | 18.7028082 | | | 41561 | 18.7028082 |
| 101 | EN24168929 | DHOTRE VAIBHAVI DATTA | HSC | 72.67 | 73 | 76.7776254 | 2.40311E+11 | 66.6376422 | 65566 | 76.7776254 |
| 102 | EN24190380 | DINDE VIJAY SHIVAJI | HSC | 81.17 | 81.67 | 50.8618056 | | | 120521 | 50.8618056 |
| 103 | EN24215455 | DOIPHODE ARPITA RAJKUMAR | HSC | 75.33 | 84.67 | 60.2951569 | | | 102549 | 60.2951569 |
| 104 | EN24201392 | DOLAS VEDIKA VIJAY | HSC | 46.67 | 48.33 | 62.8733646 | | | 97821 | 62.8733646 |
| 105 | EN24210225 | DUDHANE SHIVANI SANTOSH | HSC | 80.5 | 82 | 60.5030966 | | | 102223 | 60.5030966 |
| 106 | EN24297044 | DUDHKAWALE GAURAV DEVENDRA | HSC | 60.33 | 52 | 48.6637821 | 2.40311E+11 | 42.0665339 | 124089 | 48.6637821 |
| 107 | EN24265793 | DUPARTE ANUSHKA RAJESH | HSC | 79.83 | 87.67 | 81.658825 | 2.4031E+11 | 38.7568676 | 53209 | 81.658825 |
| 108 | EN24167458 | DUPARTE DHANANJAY SURESH | HSC | 68.17 | 73 | 11.8827852 | | | 111711 | 11.8827852 |
| 109 | EN24204419 | FALTANKAR SAKSHI BALU | HSC | 80.67 | 85.67 | 56.5649954 | | | 110748 | 56.5649954 |
| 110 | EN24244938 | GAWANDE KRUSHNA MAHADEO | HSC | 83.17 | 86.67 | 30.4575002 | | | 41544 | 30.4575002 |
| 111 | EN24250233 | GHADDINKAR RENUKA PRASADRAO | HSC | 63.5 | 60 | 76.8897938 | | | 65185 | 76.8897938 |
| 112 | EN24237268 | GHONGADE VISHAL BHARAT | HSC | 49.38 | 40 | 35.6703287 | | | 143028 | 35.6703287 |
| 113 | EN24315449 | GHUGE SAKSHI SUNIL | HSC | 70.5 | 75.67 | 50.6340761 | | | 120829 | 50.6340761 |
| 114 | EN24158559 | GORE SANIKA ANUPKUMAR | HSC | 82.5 | 86.33 | 13.647753 | | | 41574 | 13.647753 |
| 115 | EN24327120 | GOTE BHAVANA MADHAO | HSC | 75.83 | 87.33 | 27.1291039 | 2.40311E+11 | 45.5083235 | 60705 | 45.5083235 |
| 116 | EN24210001 | GUDAL PRAPTI GAJANAN | HSC | 83.83 | 90.33 | 68.9053056 | | | 84892 | 68.9053056 |
| 117 | EN24265632 | INGALE PRASHANT RAJESHWAR | HSC | 81.83 | 84.67 | 57.3310702 | 2.4032E+11 | 49.2613509 | 56584 | 49.2613509 |
| 118 | EN24251837 | INGOLE ANUPAMA AJAY | HSC | 67.17 | 64 | 62.8733646 | | | 97872 | 62.8733646 |
| 119 | EN24155918 | INGOLE YASH CHANDRASHEKHAR | HSC | 75.33 | 84 | 63.2687832 | | | 96126 | 63.2687832 |
| 120 | EN24255154 | JADHAO ABHIJIT RAJESH | HSC | 49.33 | 40.33 | 65.722735 | 2.4032E+11 | 51.2103001 | 91445 | 65.722735 |
| 121 | EN24253821 | JADHAO KHUSHI RAVI | HSC | 73 | 81.33 | 34.1954023 | | | 41540 | 34.1954023 |
| 122 | EN24282132 | JADHAO KSHITIJ VIKAS | HSC | 60 | 59.33 | 6.8903978 | 2.4032E+11 | 16.294863 | 174536 | 6.8903978 |
| 123 | EN24168058 | JADHAO SHIVAM SHANKAR | HSC | 76 | 79.67 | | 2.4031E+11 | 57.5186655 | 47083 | 57.5186655 |
| 124 | EN24116101 | JADHAO SNEHAL PANDIT | HSC | 82.5 | 91.67 | 72.2338818 | | | 76943 | 72.2338818 |
| 125 | EN24224443 | JADHAO VAIBHAV GANESH | HSC | 73.67 | 79 | 63.0701676 | | | 97429 | 63.0701676 |
| 126 | EN24228600 | JADHAV DHIRAJ DURGADAS | HSC | 56.67 | 53.33 | 62.8733646 | | | 41515 | 62.8733646 |
| 127 | EN24119703 | JADHAV ROHIT SANTOSH | HSC | 52.17 | 49.67 | 65.9366282 | | | 90801 | 65.9366282 |
| 128 | EN24283715 | JAKATE SAKSHI KISHOR | HSC | 73.5 | 77.33 | 45.4574846 | | | 129153 | 45.4574846 |
| 129 | EN24108977 | JALGAONKAR YASHRAJ KAILASRAO | HSC | 76.83 | 83 | 46.3657898 | 2.40311E+11 | 58.2354795 | 127437 | 46.3657898 |
| 130 | EN24265264 | KAIT GAYATRI SHRIRANG | HSC | 81.5 | 88.33 | 65.2878345 | | | 93046 | 65.2878345 |
| 131 | EN24265639 | KAMBALE VIVEK SHRIRAM | HSC | 60 | 60.33 | 71.7682877 | | | 77675 | 71.7682877 |
| 132 | EN24258824 | KAMBLE ABHAY DAYANAND | HSC | 72 | 83 | 50.8618056 | | | 120371 | 50.8618056 |
| 133 | EN24157759 | KAMBLE SANJANA BHOJRAJ | HSC | 78.17 | 87.33 | 71.7115 | | | 78336 | 71.7115 |
| 134 | EN24233941 | KANOJE NISARGA DEVIDAS | HSC | 74 | 68.33 | 49.7949643 | 2.40311E+11 | 55.0951723 | 49878 | 55.0951723 |
| 135 | EN24272808 | KAPSE TRUPTI PARMESHWAR | HSC | 81.83 | 85 | 24.5948927 | 2.40311E+11 | 49.5720967 | 56106 | 49.5720967 |
| 136 | EN24326931 | KASHID SIDDHIKA ANIL | HSC | 58.83 | 57 | 69.7639628 | | | 82984 | 69.7639628 |
| 137 | EN24202381 | KASHTI AVANTI PRAMOD | HSC | 85.67 | 90.67 | 73.112247 | | | 75074 | 73.112247 |
| 138 | EN24265703 | KATARE SANVED SANTOSH | HSC | 64.5 | 69 | 67.0458361 | | | 41510 | 67.0458361 |
| 139 | EN24269262 | KHADE SARVESH DILIPRAO | HSC | 75.83 | 86.67 | 63.7045846 | | | 95126 | 63.7045846 |
| 140 | EN24279451 | KHAN SOBAAN AHMED KHALID AHMED | HSC | 63.83 | 65.67 | 29.3071786 | | | 151331 | 29.3071786 |
| 141 | EN24319833 | KUMBARWAR ASHLESHA ANIL | HSC | 66.83 | 69 | 67.0458361 | 2.40311E+11 | 55.0951723 | 88904 | 67.0458361 |
| 142 | EN24304672 | KUTE DHIRAJ MADHUKAR | HSC | 76.33 | 83.33 | 57.414259 | | | 41520 | 57.414259 |
| 143 | EN24130993 | LEKULE VEDIKA SHIVDASRAO | HSC | 57 | 55.67 | 34.805294 | | | 144730 | 34.805294 |
| 144 | EN24268175 | LOHAVE SAURABH PRAMOD | HSC | 53 | 54 | 46.3657898 | | | 127532 | 46.3657898 |
| 145 | EN24188119 | LOKHANDE SAKSHI ANIL | HSC | 76.33 | 72.33 | 75.0114283 | | | 70390 | 75.0114283 |
| 146 | EN24201195 | MAMIDWAR MANSI SHAILESH | HSC | 46.33 | 48.17 | 65.2298851 | | | 93355 | 65.2298851 |

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 |
|---------|----------------|----------------------------------|-----------------|----------------------|------------------------|----------------|--------------------|----------------|----------|-------------|
| 147 | EN24274730 | MANDADE AKASH SANTOSH | HSC | 72.67 | 80.83 | 11.4731237 | 2.40311E+11 | 23.9899492 | 170843 | 11.4731237 |
| 148 | EN24269248 | MATRE VIKI VIJAY | HSC | 53.67 | 48.67 | 72.2338818 | | | 76926 | 72.2338818 |
| 149 | EN24254865 | MISHRA AYUSH ANIL | HSC | 82.67 | 86 | 53.517849 | 2.4031E+11 | 60.9834559 | 116232 | 53.517849 |
| 150 | EN24310353 | MORE PRAJAKTA DASHARATH | HSC | 83 | 91.67 | 76.7300255 | | | 65751 | 76.7300255 |
| 151 | EN24268048 | MULE ROHIT GAJANAN | HSC | 44.83 | 40.33 | 11.4128678 | 2.40311E+11 | 63.3987981 | 39865 | 63.3987981 |
| 152 | EN24129156 | MUNESHWAR RUPESH RAJU | HSC | 56.5 | 54.33 | 60.1504384 | | | 103674 | 60.1504384 |
| 153 | EN24230454 | MUNESHWAR SHRADDHA SHANKAR | HSC | 50.5 | 53 | 36.6283954 | | | 11173 | 36.6283954 |
| 154 | EN24236693 | MUNGALE PARSHVI GAJANAN | HSC | 73.67 | 72 | 60.5030966 | | | 102151 | 60.5030966 |
| 155 | EN24293059 | MURKHE PRATIBHA KRISHNA | HSC | 54.17 | 55 | 56.0103934 | | | 111030 | 56.0103934 |
| 156 | EN24195595 | NAGANWAR ADITI NITIN | HSC | 57.5 | 61.33 | 42.725346 | | | 133248 | 42.725346 |
| 157 | EN24318389 | NAGULKAR PRATIMA SANJAY | HSC | 80.83 | 87 | 46.3828235 | 2.4031E+11 | 49.8710905 | 55738 | 49.8710905 |
| 158 | EN24134170 | NARWADE GANGAPRASAD PRAKASHRAO | HSC | 65.17 | 60.5 | 12.6044134 | 2.40311E+11 | 62.8786263 | 169868 | 12.6044134 |
| 159 | EN24256282 | NAVGHARE SANTOSH PRABHAKAR | HSC | 67.5 | 71.67 | 59.8892661 | | | 105032 | 59.8892661 |
| 160 | EN24277959 | NITIN RAJENDRA INGOLE | HSC | 67.33 | 75.33 | 57.9919409 | | | 107196 | 57.9919409 |
| 161 | EN24269620 | PADMAWAR SRUSHTI SANJAY | HSC | 71.83 | 69.67 | 2.7561837 | 2.40311E+11 | 63.5686685 | 39671 | 63.5686685 |
| 162 | EN24305466 | PAIKINE GARGI KAMALAKAR | HSC | 79.5 | 83.33 | 74.6830629 | 2.40311E+11 | 44.2842479 | 71082 | 74.6830629 |
| 163 | EN24286146 | PALIKONDAWAR SAYALI PRAMOD | HSC | 80.5 | 88.33 | 2.7688637 | | | 41501 | 2.7688637 |
| 164 | EN24158134 | PANDE ARJUN SUNIL | HSC | 69.83 | 77.33 | 0.8516416 | 2.40311E+11 | 56.0687777 | 179067 | 0.8516416 |
| 165 | EN24211122 | PANDEY NIRBHAY DHARMENDRA | HSC | 58.33 | 59 | 17.776617 | | | 41564 | 17.776617 |
| 166 | EN24282585 | PATANGRAO SHIVANI CHITTARANJAN | HSC | 83.67 | 90 | 57.9919409 | | | 107141 | 57.9919409 |
| 167 | EN24166439 | PATEL ADITI LOBHESH | HSC | 79.83 | 88.33 | 34.8626522 | | | 144437 | 34.8626522 |
| 168 | EN24250610 | PAWAR RAM BHAURAO | HSC | 76 | 80.33 | 64.4664266 | | | 94519 | 64.4664266 |
| 169 | EN24255667 | PRATIK SANTOSH CHAVHAN | HSC | 64 | 67 | 83.5380246 | 2.4032E+11 | 44.2014356 | 47870 | 83.5380246 |
| 170 | EN24197503 | PULATE KUNDAN GANESH | HSC | 78.67 | 87.67 | 11.4128678 | | | 41585 | 11.4128678 |
| 171 | EN24169316 | PULATE ABHISHEK HARIBHAU | HSC | 66.33 | 72.67 | 46.3188381 | | | 41528 | 46.3188381 |
| 172 | EN24240410 | RADHE ANIL DHOKNE | HSC | 66.17 | 74.33 | 81.2928705 | | | 11172 | 81.2928705 |
| 173 | EN24207259 | RATHOD ABHAY KAILAS | HSC | 66.5 | 66 | 58.1158577 | | | 106753 | 58.1158577 |
| 174 | EN24244011 | RATHOD ARPITA SHYAM | HSC | 81.17 | 79.33 | 43.1231034 | 2.40311E+11 | 57.4655084 | 47122 | 57.4655084 |
| 175 | EN24304986 | RATHOD BADAL OMPRAKASH | HSC | 80.83 | 78.33 | 67.5033807 | | | 88351 | 67.5033807 |
| 176 | EN24317135 | RATHOD CHETNA JANU | HSC | 69.33 | 77.67 | 62.2534756 | | | 99515 | 62.2534756 |
| 177 | EN24235442 | RATHOD DEWANGI AJAY | HSC | 70.5 | 73 | 56.846611 | | | 41522 | 56.846611 |
| 178 | EN24250766 | RATHOD DRAVIN VINOD | HSC | 80.5 | 84 | 54.3920183 | 2.4032E+11 | 55.7523111 | 49130 | 55.7523111 |
| 179 | EN24246372 | RATHOD MANJU DEVIDAS | HSC | 69.5 | 75 | 70.5215521 | | | 80886 | 70.5215521 |
| 180 | EN24316194 | RATHOD MONIKA SANTOSH | HSC | 63.67 | 66.33 | 49.7949643 | | | 122271 | 49.7949643 |
| 181 | EN24187518 | RATHOD RUPALI YASHVANT | HSC | 80.33 | 87 | 74.3614357 | | | 71937 | 74.3614357 |
| 182 | EN24315783 | RATHOD SACHIN KHUSHAL | HSC | 49.5 | 45.33 | 35.3791065 | 2.40311E+11 | 76.4471767 | 41537 | 35.3791065 |
| 183 | EN24305304 | RATHOD SHIVAM SUDHAKAR | HSC | 65.33 | 71.67 | 55.1151268 | | | 41523 | 55.1151268 |
| 184 | EN24154434 | RATHOD SUSHANT SANTOSH | HSC | 82.5 | 85.67 | 60.1504384 | | | 103821 | 60.1504384 |
| 185 | EN24267021 | RATHOD VIJAY SURESH | HSC | 45.83 | 42 | | 2.40311E+11 | 42.4493618 | 64178 | 42.4493618 |
| 186 | EN24270310 | RAUT ADITYA PRADIPRAO | HSC | 63.5 | 58.33 | 43.8452614 | | | 131622 | 43.8452614 |
| 187 | EN24143663 | RAUT SUKHAKARTA MAHESH | HSC | 57.67 | 46 | 76.1358545 | | | 67367 | 76.1358545 |
| 188 | EN24169107 | RAUT YADNESH SHESHRAO | HSC | 55 | 60.33 | 34.5790896 | | | 145251 | 34.5790896 |
| 189 | EN24116918 | RAWATE ARPITA SAKHARAM | HSC | 50.17 | 47.67 | 86.889129 | | | 38345 | 86.889129 |
| 190 | EN24315806 | RAWATE CHAITANYA SANDIP | HSC | 71.17 | 78 | 21.6221843 | 2.40311E+11 | 40.0503434 | 160250 | 21.6221843 |
| 191 | EN24315041 | RAWATE KRUSHNA SANTOSH | HSC | 71 | 75.67 | 76.1358545 | 2.40311E+11 | 83.2102257 | 67446 | 76.1358545 |
| 192 | EN24309866 | SAKHARE YASHWANT BAJRANG | HSC | 50.33 | 47.67 | 8.4112538 | | | 41588 | 8.4112538 |
| 193 | EN24256123 | SAMEHA MIR IRSHAD ALI | HSC | 65.67 | 75 | 72.1467831 | | | 77241 | 72.1467831 |
| 194 | EN24196580 | SARKUNDE PRATIK PUNDLIK | HSC | 61.83 | 70 | 27.815423 | | | 153272 | 27.815423 |
| 195 | EN24234336 | SASTE OM RAJESH | HSC | 83.33 | 87.67 | 55.1151268 | | | 112555 | 55.1151268 |
| 196 | EN24281553 | SHAIKH RAHIM SHAIKH RASHID | HSC | 70.33 | 78 | 53.8203081 | 2.4032E+11 | 0.4294346 | 115278 | 53.8203081 |
| 197 | EN24271170 | SHAIKH UB AIR RAZA SHAIKH SALEEM | HSC | 47.5 | 53 | 29.1560732 | | | 151470 | 29.1560732 |
| 198 | EN24268550 | SHEIKH ABDUL SAAD ABDUL SALIM | HSC | 66.83 | 74 | 34.2191386 | | | 145637 | 34.2191386 |
| 199 | EN24270347 | SHEIKH HUZAIFA SHEIKH KADEER | HSC | 62.5 | 69 | 54.3920183 | | | 113459 | 54.3920183 |
| 200 | EN24112850 | SHELATE ABHISHEK CHANDRASHEKHAR | HSC | 77.43 | 79 | 71.7115 | | | 4156 | 71.7115 |
| 201 | EN24273856 | SHINDE AMBIKA SANJAY | HSC | 78.67 | 82.33 | 60.1504384 | | | 103532 | 60.1504384 |
| 202 | EN24327421 | SHIVAM ASHOK KUDALE | HSC | 79.83 | 86 | 38.5392182 | 2.40311E+11 | 47.4238693 | 58646 | 47.4238693 |
| 203 | EN24171323 | SHIVANKAR KRUTIKA DURYODHANRAO | HSC | 74.33 | 75.33 | 34.5790896 | | | 145349 | 34.5790896 |
| 204 | EN24207909 | SHREYA SANTOSH RAUT | HSC | 73.67 | 81 | 67.5033807 | | | 88369 | 67.5033807 |
| 205 | EN24155686 | SHRUTIKA GAJANAN KADAM | HSC | 52.33 | 56.67 | 66.1855163 | | | 90284 | 66.1855163 |
| 206 | EN24285822 | SIRSAT ANUJA HIMMAT | HSC | 53 | 56.33 | 38.0295157 | | | 140451 | 38.0295157 |
| 207 | EN24159997 | SONE ANIKET GAJANAN | HSC | 53.67 | 55.33 | 47.4576949 | | | 125885 | 47.4576949 |
| 208 | EN24268408 | SONUNE PRATIKSHA MADHUKAR | HSC | 58.33 | 57 | 83.032746 | | | 48999 | 83.032746 |
| 209 | EN24255887 | SUDKE SHREYA RAJU | HSC | 81.67 | 84.67 | 65.2878345 | | | 93224 | 65.2878345 |
| 210 | EN24153430 | SUNDALE GAURI VISHAL | HSC | 70.83 | 75 | 19.1157452 | 2.4031E+11 | 44.8113208 | 61572 | 44.8113208 |
| 211 | EN24309163 | SUROSHE SAMRUDDHI PANDURANG | HSC | 73.5 | 79.67 | 19.4065824 | | | 41560 | 19.4065824 |
| 212 | EN24225415 | SURYAWANSHI ANKITA AVINASH | HSC | 70.17 | 76.67 | 50.0353239 | | | 122079 | 50.0353239 |
| 213 | EN24346802 | SURYAWANSHI SUDARSHAN RUSTUMRAC | HSC | 70.33 | 71.33 | 58.1158577 | | | 41519 | 58.1158577 |
| 214 | EN24215588 | SYED MUDASSIR SYED WAJID HUSAIN | HSC | 71.83 | 68 | 79.9360013 | 2.40311E+11 | 11.564416 | 57742 | 79.9360013 |
| 215 | EN24108067 | TAJANE SANIYA SANJAY | HSC | 71.67 | 75.67 | 55.3559436 | 2.40311E+11 | 21.3577918 | 111612 | 55.3559436 |
| 216 | EN24267417 | TANGADE TEJASHRI NITIN | HSC | 79.17 | 83.33 | 73.1237323 | | | 74879 | 73.1237323 |
| 217 | EN24119750 | TANVI VINOD LANDGE | HSC | 50.83 | 46 | 27.6622718 | 2.4031E+11 | 59.94795 | 44242 | 59.94795 |
| 218 | EN24241227 | TAWDE SHIVAM BANDU | HSC | 78 | 86 | 72.1239122 | | | 77449 | 72.1239122 |
| 219 | EN24137152 | TELANG TRISHA UMESH | HSC | 58.83 | 56.83 | 44.5064233 | | | 130371 | 44.5064233 |

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 |
|---------|----------------|---------------------------------|-----------------|----------------------|------------------------|----------------|--------------------|----------------|----------|-------------|
| 220 | EN24155557 | TEMKAR JAY BHASKAR | HSC | 74 | 82.33 | 72.5041736 | 2.40311E+11 | 46.6555544 | 76446 | 72.5041736 |
| 221 | EN24210030 | THAKARE ANUJ SANJAY | HSC | 55.17 | 53.67 | 38.4109612 | 2.40311E+11 | 25.5853094 | 111712 | 38.4109612 |
| 222 | EN24105093 | THAKARE BHAKTI GAJANANRAO | HSC | 61.33 | 60 | 57.9919409 | | | 106909 | 57.9919409 |
| 223 | EN24251145 | THAKARE PIYUSH SANJAY | HSC | 71.33 | 80.67 | 27.9969458 | 2.4031E+11 | 54.2004802 | 51014 | 54.2004802 |
| 224 | EN24171365 | THAKARE SAKSHI SUNIL | HSC | 77.33 | 81.67 | 13.0427194 | | | 41577 | 13.0427194 |
| 225 | EN24248726 | THAKARE SHARWARI DNYANESHWAR | HSC | 77.33 | 85.33 | 67.5881106 | | | 88163 | 67.5881106 |
| 226 | EN24202172 | THAKUR RAJSINGH SANTOSH SINGH | HSC | 65.17 | 74.33 | 34.805294 | | | 41538 | 34.805294 |
| 227 | EN24270159 | TUMBADE DIPALI SANJAY | HSC | 67.5 | 71.67 | 57.8688386 | | | 107293 | 57.8688386 |
| 228 | EN24290986 | UBALE KABIR BABARAO | HSC | 77.83 | 76 | 67.8440824 | | | 87223 | 67.8440824 |
| 229 | EN24170365 | UBALE SARTHAK AVINASH | HSC | 60 | 64.67 | 31.4286926 | | | 41543 | 31.4286926 |
| 230 | EN24256689 | UTALE TANVI ANANTA | HSC | 56.5 | 58.67 | 82.7099252 | | | 50014 | 82.7099252 |
| 231 | EN24180754 | VIBHUTE GAURAV VIJAY | HSC | 53 | 54.67 | 55.1151268 | | | 112464 | 55.1151268 |
| 232 | EN24210494 | VYAWAHARE GOURI AJAY | HSC | 74.67 | 75.33 | 71.3988776 | | | 79263 | 71.3988776 |
| 233 | EN24211039 | WADHAVE NITIN DILIP | HSC | 63.17 | 71.33 | 71.5965758 | | | 78610 | 71.5965758 |
| 234 | EN24189851 | WADHONKAR SHRUTI SANJAY | HSC | 82.17 | 86.33 | 14.1948203 | 2.40311E+11 | 50.7538718 | 54949 | 50.7538718 |
| 235 | EN24296167 | WAGH PRAKSHIT ABHIMANYU | HSC | 54.33 | 62 | 2.5931929 | | | 415102 | 2.5931929 |
| 236 | EN24245467 | WAKODE NISHANT SAHEBRAO | HSC | 60.33 | 61.33 | 34.8626522 | | | 144151 | 34.8626522 |
| 237 | EN24291347 | WAKODE SAYALI GAJANAN | HSC | 47.17 | 46 | 32.8344132 | | | 41541 | 32.8344132 |
| 238 | EN24157279 | WANDHARE KRUNAL RAJESH | HSC | 60.5 | 50.83 | 56.846611 | | | 110356 | 56.846611 |
| 239 | EN24310853 | WANKHEDE ADITYA PANDURANG | HSC | 67.5 | 70 | 32.2475132 | 2.40311E+11 | 46.8194101 | 147397 | 32.2475132 |
| 240 | EN24191100 | WAYKULE ONKAR VISHNU | HSC | 63.5 | 67.33 | 67.6869909 | | | 87518 | 67.6869909 |
| 241 | EN24329763 | YANNAWAR GAURI VIJAY | HSC | 47.33 | 54 | 65.0377535 | | | 93712 | 65.0377535 |
| 242 | EN24199018 | ANANTWAR KRISHNA VINOD | HSC | 61.17 | 57.33 | 68.7156482 | 2.4031E+11 | 74.1809752 | 85071 | 68.7156482 |
| 243 | EN24247330 | BEHERE AYUSH KAILAS | HSC | 67 | 70 | 80.003358 | | | 57473 | 80.003358 |
| 244 | EN24255498 | BHALEKAR AYUSH AMAR | HSC | 64.83 | 69.67 | 76.8897938 | | | 65062 | 76.8897938 |
| 245 | EN24234510 | BHASKARWAR AAYUSH RAVINDRA | HSC | 76.33 | 75.17 | 81.3738935 | 2.4031E+11 | 32.923184 | 53866 | 81.3738935 |
| 246 | EN24138145 | DHARMALE TEJAS ARUN | HSC | 75.5 | 76 | 81.3738935 | | | 53864 | 81.3738935 |
| 247 | EN24167064 | MUQEET AKRAM KHAN ASADULLAH KHA | HSC | 60.5 | 55.33 | 78.5613347 | | | 61070 | 78.5613347 |
| 248 | EN24211940 | RAUT PRAGATI SANJAYRAO | HSC | 72.17 | 68.33 | 71.7115 | 2.40311E+11 | 50.8208297 | 78582 | 71.7115 |
| 249 | EN24203312 | SAMARTH SHRAVANI SATISH | HSC | 69.67 | 65.17 | 85.5352459 | 2.4031E+11 | 73.3320946 | 41851 | 85.5352459 |
| 250 | EN24255751 | THADVE ATHARV DILIPRAO | HSC | 63.5 | 67.33 | 92.0214155 | | | 23862 | 92.0214155 |
| 251 | EN24254231 | BHONE VAISHNAVI RAJU | HSC | 66.5 | 61 | 8.4112538 | | | 41589 | 8.4112538 |
| 252 | EN24267726 | BODKHE YASHASHRI SADANAND | HSC | 58.33 | 55.33 | 11.8827852 | | | 41580 | 11.8827852 |
| 253 | EN24293855 | BOKSHE SAMIKSHA GAJANAN | HSC | 66.5 | 70.67 | 35.3791065 | | | 143661 | 35.3791065 |
| 254 | EN24282231 | BORKAR SHRADDHA SATISH | HSC | 74.83 | 79.33 | 40.1585977 | | | 136950 | 40.1585977 |
| 255 | EN24190676 | BORKAR SUJAL SANJAY | HSC | 71.67 | 77 | 3.8930757 | 2.40311E+11 | 46.0832398 | 41529 | 3.8930757 |
| 256 | EN24320005 | CHAVHAN PUNAM YUVRAJ | HSC | 80.33 | 86.67 | 37.2130338 | | | 41551 | 37.2130338 |
| 257 | EN24251236 | CHUMBLE AMAN ANIL | HSC | 60 | 58 | 11.387767 | | | 41583 | 11.387767 |
| 258 | EN24171221 | DANGLE SAMIKSHA RAMDAS | HSC | 87.33 | 89.67 | 60.5030966 | | | 102408 | 60.5030966 |
| 259 | EN24210143 | DESHMUKH AMIT MADHUKARRAO | HSC | 61.67 | 62.33 | 22.0578726 | | | 41554 | 22.0578726 |
| 260 | EN24167983 | DIVEKAR PRATIK PRASENJIT | HSC | 52.33 | 56.33 | 19.1366185 | | | 163053 | 19.1366185 |
| 261 | EN24123004 | FUKE KARTIK DINKAR | HSC | 56.33 | 58.33 | 29.1560732 | | | 151587 | 29.1560732 |
| 262 | EN24231364 | GADHAVE APEKSHA SANJAY | HSC | 44.83 | 43 | 44.8929536 | | | 130014 | 44.8929536 |
| 263 | EN24306021 | GANGALE GAYATRI SUHAS | HSC | 57.33 | 52.67 | 47.6302148 | | | 125508 | 47.6302148 |
| 264 | EN24325929 | GAWANDE GAYATRI GAJANAN | HSC | 69.83 | 70.33 | 52.9935209 | | | 116564 | 52.9935209 |
| 265 | EN24293777 | GAWANDE PRAGATI GAJANAN | HSC | 81.83 | 84.67 | 36.0381755 | | | 142897 | 36.0381755 |
| 266 | EN24208085 | GAYAKWAD BUDDHABHUSHAN RANGRAO | HSC | 54 | 57.33 | 25.7846411 | | | 155424 | 25.7846411 |
| 267 | EN24252784 | GORE NEHA MADHUKAR | HSC | 59.33 | 54.33 | 47.4207012 | | | 126362 | 47.4207012 |
| 268 | EN24165104 | HAKI SHUBHAM ANIL | HSC | 68.17 | 75 | 30.954192 | | | 149617 | 30.954192 |
| 269 | EN24244328 | JADHAO ADARSH YUVRAJ | HSC | 74.17 | 79 | 8.5313833 | | | 111713 | 8.5313833 |
| 270 | EN24131492 | JADHAO ANJALI ARJUN | HSC | 70.67 | 79 | 38.4109612 | | | 140009 | 38.4109612 |
| 271 | EN24173220 | JADHAO ISHA SANTOSH | HSC | 41.33 | 40 | 21.3531102 | | | 41555 | 21.3531102 |
| 272 | EN24268903 | JANVHI GAJANAN GADBAILE | HSC | 80.83 | 84.67 | 38.5392182 | | | 139683 | 38.5392182 |
| 273 | EN24190537 | JOSHI ARYA VINOD | HSC | 55 | 59 | 31.3198919 | | | 168717 | 31.3198919 |
| 274 | EN24209641 | KADAM ROSHANI SANTOSH | HSC | 82.67 | 87.33 | 33.6953839 | | | 146150 | 33.6953839 |
| 275 | EN24286783 | KALE BALAJI SHAILESH | HSC | 64.17 | 52.67 | 44.4778985 | | | 130680 | 44.4778985 |
| 276 | EN24279534 | KANADE RUTUJA DILIP | HSC | 53.67 | 58.33 | 50.8618056 | | | 120617 | 50.8618056 |
| 277 | EN24238674 | KANKAL SAYALI SUBHASH | HSC | 86.67 | 88.33 | 21.4924132 | 2.40311E+11 | 8.4628318 | 160501 | 21.4924132 |
| 278 | EN24314170 | KARMODKAR ANJALI KAILAS | HSC | 70.33 | 77 | 52.5184688 | | | 117312 | 52.5184688 |
| 279 | EN24170324 | KASHTE KRUNAL SANTOSH | HSC | 74.17 | 79.33 | 15.4858883 | | | 41568 | 15.4858883 |
| 280 | EN24210876 | KHANDARE SURAJ SANTOSH | HSC | 61.17 | 63.67 | 39.7481853 | | | 137498 | 39.7481853 |
| 281 | EN24198675 | KUBADE KOMAL DEVIDAS | HSC | 75.5 | 78.33 | 46.3828235 | | | 127131 | 46.3828235 |
| 282 | EN24317854 | KUMBARWAR NIHARIKA SURESH | HSC | 67.83 | 70 | 0.7400888 | | | 415104 | 0.7400888 |
| 283 | EN24317384 | KUMBARWAR VEDIKA RAMESH | HSC | 65.33 | 68 | 36.2134011 | | | 142559 | 36.2134011 |
| 284 | EN24256004 | MANMODE DEVESH PARASHRAM | HSC | 68.17 | 75.33 | | 2.40311E+11 | 33.561676 | 72594 | 33.561676 |
| 285 | EN24250012 | MENE TRUPTI GUNAJI | HSC | 70.33 | 75.33 | 54.0859766 | | | 114269 | 54.0859766 |
| 286 | EN24254566 | MOHAMMAD REHAN ANIS AHMAD | HSC | 59.33 | 65.33 | | 2.4032E+11 | 23.1924839 | 80912 | 23.1924839 |
| 287 | EN24247606 | MORE SEJAL VIJAY | HSC | 72.5 | 76.33 | 33.099972 | | | 146636 | 33.099972 |
| 288 | EN24278671 | MUTYALA VAISHNAVI MAHENDAR | HSC | 58.17 | 45.67 | 51.1396363 | | | 119790 | 51.1396363 |
| 289 | EN24255376 | PACHKHANDE CHETAN SURYAPRAKASH | HSC | 64.67 | 73 | 40.1066152 | | | 137229 | 40.1066152 |
| 290 | EN24296505 | PAWAR PIYUSH DEVIDAS | HSC | 52.33 | 56 | 52.2046883 | | | 117511 | 52.2046883 |
| 291 | EN24254167 | RATHOD JAYESH GAJANAN | HSC | 48.33 | 42.33 | 4.3427669 | | | 176645 | 4.3427669 |
| 292 | EN24275071 | RATHOD JAYSHREE GAJANAN | HSC | 64.83 | 67.67 | 30.9687071 | | | 168769 | 30.9687071 |

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 |
|---------|----------------|------------------------------|-----------------|----------------------|------------------------|----------------|--------------------|----------------|----------|-------------|
| 293 | EN24152784 | RATHOD KARTIK PANDIT | HSC | 67 | 72.67 | | 2.40311E+11 | 9.7453109 | 88132 | 9.7453109 |
| 294 | EN24287420 | RATHOD MANGAL ASHOK | HSC | 72.5 | 79.33 | 32.0977394 | | | 148001 | 32.0977394 |
| 295 | EN24264400 | RATHOD NIKITA ARJUN | HSC | 60 | 54.67 | 54.0859766 | | | 114391 | 54.0859766 |
| 296 | EN24146736 | RATHOD PALLAVI MADHUKAR | HSC | 53.5 | 59.67 | 31.3198919 | | | 41542 | 31.3198919 |
| 297 | EN24306654 | RATHOD PRACHI KISHOR | HSC | 51.17 | 44.33 | 3.3786311 | | | 11178 | 3.3786311 |
| 298 | EN24252452 | RATNE MAYURI KIRAN | HSC | 70.67 | 78 | 51.7862916 | | | 118624 | 51.7862916 |
| 299 | EN24251134 | RAUT KAPIL ASHOK | HSC | 75.83 | 85 | 47.6302148 | | | 125481 | 47.6302148 |
| 300 | EN24129433 | RAWATE YASH SHRIRAM | HSC | 75.5 | 80 | 60.2951569 | | | 102468 | 60.2951569 |
| 301 | EN24155337 | SONUNE KANCHAN GOVINDA | HSC | 84 | 89.67 | 35.5925864 | | | 143454 | 35.5925864 |
| 302 | EN24302366 | SUROSHI NIKITA DATTARAYA | HSC | 73.33 | 80 | 13.5903735 | | | 41575 | 13.5903735 |
| 303 | EN24250315 | SURYAVANSHI SHIVANI SANTOSH | HSC | 63.67 | 71 | 41.8427081 | | | 134951 | 41.8427081 |
| 304 | EN24255711 | THAKARE VINAYAK SUNIL | HSC | 69.67 | 76.5 | 13.9490359 | 2.40311E+11 | 55.0951723 | 49792 | 55.0951723 |
| 305 | EN24315746 | THAVAKAR ABHISHEK GANESH | HSC | 58.83 | 65.67 | 44.5064233 | | | 130181 | 44.5064233 |
| 306 | EN24293079 | UNCHEKAR GAURI GAJANAN | HSC | 59.17 | 54.67 | 53.7424491 | | | 116029 | 53.7424491 |
| 307 | EN24155813 | WAGHMARE NEHA RAJESH | HSC | 85.83 | 89.67 | 57.2163252 | 2.40311E+11 | 36.1142708 | 108634 | 57.2163252 |
| 308 | EN24316652 | WANKHEDE AJAY GAJANAN | HSC | 73 | 77.33 | 31.3198919 | | | 149067 | 31.3198919 |
| 309 | EN24317460 | WANKHEDE ROHIT GAJANAN | HSC | 67.67 | 77 | 17.3380806 | | | 165033 | 17.3380806 |
| 310 | EN24174685 | WATHORE AKSHADHA DHAMMAPAL | HSC | 65.67 | 68.67 | 25.5936912 | | | 41550 | 25.5936912 |
| 311 | EN24242963 | GAHARWAR HARSH KAWALESHSINGH | HSC | 70 | 77.67 | 4.9021985 | 2.4031E+11 | 15.8726541 | 176291 | 4.9021985 |
| 312 | EN24162150 | RATHOD BHUMIKA JAGDISH | HSC | 75.33 | 76.33 | 18.7034184 | | | 163538 | 18.7034184 |
| 313 | EN24172080 | SHIRADKAR ANUSHRI PRAMOD | HSC | 70.67 | 71.67 | 27.1291039 | | | 154934 | 27.1291039 |
| 314 | EN24262277 | ADE ARYAN ARJUN | HSC | 75.33 | 75.67 | 21.4924132 | | | 11176 | 21.4924132 |
| 315 | EN24162609 | ADE CHANCHAL SANGAM | HSC | 61 | 71.33 | 45.5784574 | | | 128658 | 45.5784574 |
| 316 | EN24248792 | BAGAL VIJAYA RAMDAS | HSC | 70.5 | 64.67 | 35.3791065 | | | 143857 | 35.3791065 |
| 317 | EN24239456 | BHAGAT AJAY GANESH | HSC | 69.83 | 72.67 | 5.4801079 | | | 41593 | 5.4801079 |
| 318 | EN24140994 | BHAGAT SHUBHAM GAJANAN | HSC | 69 | 71.67 | 39.2350823 | | | 138067 | 39.2350823 |
| 319 | EN24190323 | BHOGAONKAR YOGESH RAMESH | HSC | 49 | 51.33 | 52.5184688 | | | 117332 | 52.5184688 |
| 320 | EN24270007 | BIJAVE PRANJALI ANIL | HSC | 80.5 | 89 | 13.9490359 | | | 168313 | 13.9490359 |
| 321 | EN24262210 | CHAURE SANGHARSH SUBHASH | HSC | 79.67 | 84.67 | 21.3858708 | 2.4031E+11 | 23.7690905 | 80483 | 23.7690905 |
| 322 | EN24263072 | CHAVHAN NIPUN KANCHAN | HSC | 54.33 | 56 | 29.1560732 | | | 41545 | 29.1560732 |
| 323 | EN24192127 | CHAVHAN SANKET NARENDRA | HSC | 46.17 | 44.67 | 7.7070408 | | | 41590 | 7.7070408 |
| 324 | EN24249230 | DESHMUKH ATHARVA RAJESH | HSC | 71.33 | 74.67 | 28.8690743 | | | 41546 | 28.8690743 |
| 325 | EN24245614 | DESHMUKH RUPESH RAJKUMAR | HSC | 76.33 | 77 | 48.6138054 | | | 124400 | 48.6138054 |
| 326 | EN24245872 | DESHMUKH RUSHIKESH ANILRAO | HSC | 80.83 | 84.67 | 45.3423263 | | | 129681 | 45.3423263 |
| 327 | EN24322740 | DESHPANDE ARPIT ANANT | HSC | 65.67 | 74.33 | 14.3617021 | | | 41570 | 14.3617021 |
| 328 | EN24210998 | DHAD MAYUR BALU | HSC | 83.33 | 89.33 | 38.4109612 | | | 140155 | 38.4109612 |
| 329 | EN24123379 | DUPARTE GAURI SANJAY | HSC | 69.67 | 76.33 | 30.8566205 | | | 150010 | 30.8566205 |
| 330 | EN24247164 | GAWAI DHANASHRI DHARMRAJ | HSC | 65.5 | 64 | 31.3198919 | | | 149045 | 31.3198919 |
| 331 | EN24177348 | GOTE ARYAN JAYPRAKASH | HSC | 76.33 | 81.33 | 34.5790896 | | | 145193 | 34.5790896 |
| 332 | EN24255111 | JADHAO ABHISHEK RAJESH | HSC | 51.33 | 44.67 | 46.2784017 | 2.4032E+11 | 24.0442235 | 128087 | 46.2784017 |
| 333 | EN24317677 | JADHAO ASMITA DILIP | HSC | 78.5 | 84.33 | 17.7533973 | | | 41565 | 17.7533973 |
| 334 | EN24159908 | JADHAO PRITI BHIKAMCHAND | HSC | 70 | 69 | 35.2166182 | | | 143924 | 35.2166182 |
| 335 | EN24157243 | KAKDE SWAPNIL GANESH | HSC | 63.17 | 67.67 | 43.9565943 | | | 131164 | 43.9565943 |
| 336 | EN24247489 | KUBADE SUMIT ULHAS | HSC | 52 | 48.67 | 38.4109612 | | | 140223 | 38.4109612 |
| 337 | EN24124985 | LAHANE DWARKANATH BADRINATH | HSC | 75.67 | 84.33 | 18.4142776 | | | 164167 | 18.4142776 |
| 338 | EN24198702 | MAHAKAL ATISH SANJAY | HSC | 69 | 79 | 26.1271353 | | | 155113 | 26.1271353 |
| 339 | EN24211854 | MASKE VAISHNAVI GAJANAN | HSC | 70.67 | 74.33 | 10.4465918 | | | 111710 | 10.4465918 |
| 340 | EN24175908 | MEHARE ADITYA SATISHRAO | HSC | 59 | 56.33 | 39.2350823 | | | 138220 | 39.2350823 |
| 341 | EN24264688 | MESHRAM ADITYA SANDIP | HSC | 73.83 | 80 | 4.3685242 | 2.40311E+11 | 30.5742485 | 75399 | 30.5742485 |
| 342 | EN24151069 | PAIKRAO RUDRAPRATAP GAUTAM | HSC | 72.5 | 75.33 | 47.9076668 | | | 125269 | 47.9076668 |
| 343 | EN24282028 | PATANKAR OM RAJESH | HSC | 67.83 | 73 | 24.5948927 | | | 157151 | 24.5948927 |
| 344 | EN24323752 | PAWAR KAJAL MANGILAL | HSC | 66.83 | 72.67 | 22.5020163 | | | 175693 | 22.5020163 |
| 345 | EN24266272 | PAWAR PRUTHVIRAJ SANTOSH | HSC | 79.83 | 87.33 | 36.6611018 | | | 163568 | 36.6611018 |
| 346 | EN24166955 | PAWAR RAKSHIT RAMRAO | HSC | 57.33 | 57 | 2.7688637 | | | 415100 | 2.7688637 |
| 347 | EN24277233 | PAWAR SWARUPA DINESH | HSC | 73.33 | 79 | 25.6482713 | | | 155752 | 25.6482713 |
| 348 | EN24204205 | RATHOD ASMITA KAILAS | HSC | 47 | 43.33 | 34.805294 | | | 41539 | 34.805294 |
| 349 | EN24165297 | RATHOD DATTA ARJUN | HSC | 58.33 | 53.33 | 50.6004122 | | | 121116 | 50.6004122 |
| 350 | EN24164916 | RATHOD DEV CHANDAN | HSC | 50.5 | 46.33 | 24.5948927 | | | 156934 | 24.5948927 |
| 351 | EN24263303 | RATHOD HARSHAD AJAY | HSC | 69.33 | 74.33 | 18.5574725 | | | 41563 | 18.5574725 |
| 352 | EN24251980 | RATHOD INDRAJEET SANJAY | HSC | 53.33 | 49 | 33.6953839 | 2.40311E+11 | 0.6515472 | 90829 | 0.6515472 |
| 353 | EN24308343 | RATHOD PAYAL GANESH | HSC | 78.5 | 79.67 | 1.2124151 | | | 41598 | 1.2124151 |
| 354 | EN24211402 | RATHOD PRAVIN RAM | HSC | 81.83 | 90.67 | 52.814879 | | | 116936 | 52.814879 |
| 355 | EN24206771 | RATHOD SANDESH PRAMOD | HSC | 57.5 | 57.67 | 16.2423214 | | | 41567 | 16.2423214 |
| 356 | EN24306708 | RATHOD SUSHIL PANDIT | HSC | 66.83 | 71 | 24.5948927 | | | 157111 | 24.5948927 |
| 357 | EN24173229 | RATHOD VINAYAK GAJANAN | HSC | 62.17 | 66 | 12.6044134 | | | 41578 | 12.6044134 |
| 358 | EN24245244 | RATHOD YASH AVINASH | HSC | 77.33 | 86.67 | 52.9935209 | 2.40311E+11 | 32.7021369 | 116551 | 52.9935209 |
| 359 | EN24209672 | RAUT KARAN SATISH | HSC | 57.17 | 54.33 | 25.6482713 | | | 155761 | 25.6482713 |
| 360 | EN24157705 | RAUT ROHIT SUBHASH | HSC | 58.17 | 61.67 | 19.5522021 | | | 41558 | 19.5522021 |
| 361 | EN24276285 | RAUT TANMAY JITENDRA | HSC | 85 | 86.67 | 11.4858097 | 2.40311E+11 | 36.260019 | 70272 | 36.260019 |
| 362 | EN24296187 | SANGAPWAR PRAGATI SUNIL | HSC | 57.33 | 64.67 | 4.1087911 | | | 176745 | 4.1087911 |
| 363 | EN24252033 | SONULE GAURAV PANDIT | HSC | 48.83 | 45.33 | 36.6283954 | | | 142286 | 36.6283954 |
| 364 | EN24278568 | SUROSHI SUPRIYA VIKAS | HSC | 65.83 | 74.33 | 23.9858471 | | | 158427 | 23.9858471 |
| 365 | EN24210908 | TALANKAR ADARSH GANESH | HSC | 67.67 | 73.67 | 9.9567819 | | | 41586 | 9.9567819 |

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 |
|---------|----------------|----------------------------------|-----------------|----------------------|------------------------|----------------|--------------------|----------------|----------|-------------|
| 366 | EN24246041 | VAJIRABADE SANSKAR SANJAY | HSC | 69.67 | 73.67 | 27.815423 | 2.40311E+11 | 17.0796568 | 153228 | 27.815423 |
| 367 | EN24247808 | WAGH MANGESH VISHNU | HSC | 60.5 | 71.33 | 11.8827852 | 2.40311E+11 | 7.044307 | 89100 | 7.044307 |
| 368 | EN24266249 | WANKHADE RAJ PANJABRAO | HSC | 69.67 | 81 | 27.9969458 | | | 153212 | 27.9969458 |
| 369 | EN24306078 | WAYKULE MANGESH SHAM | HSC | 47.67 | 40.67 | 27.1291039 | | | 154846 | 27.1291039 |
| 370 | EN24319259 | DUDHE PRANAV VIJAY | HSC | 75.33 | 85 | 9.6685964 | | | 172124 | 9.6685964 |
| 371 | EN24317939 | NANDAPURE SAURABH PUNJAJI | HSC | 75.5 | 73 | 47.4576949 | | | 126037 | 47.4576949 |
| 372 | EN24165433 | ADE KARTIK UTTAM | HSC | 53 | 46 | 69.7604398 | | | 83132 | 69.7604398 |
| 373 | EN24280311 | ADE SIDDHI MILIND | HSC | 79.67 | 87 | 13.0427194 | 2.40311E+11 | 40.8058819 | 65878 | 40.8058819 |
| 374 | EN24181557 | AMBHORE MAURESH PRAMOD | HSC | 76 | 80.33 | 0.6150844 | 2.40311E+11 | 42.0665339 | 64673 | 42.0665339 |
| 375 | EN24249609 | BAGAL ONKAR SHAHAJI | HSC | 53.5 | 58.67 | 28.7003692 | | | 11175 | 28.7003692 |
| 376 | EN24306748 | BHEDEKAR PARAG PRAKASH | HSC | 80.6 | 76.78 | | 2.4031E+11 | 51.6653141 | 53863 | 51.6653141 |
| 377 | EN24252239 | BISEN ABHINAV SHRINIWAS SINGH | HSC | 54.17 | 49.67 | 41.3261276 | 2.40311E+11 | 46.5960891 | 59578 | 46.5960891 |
| 378 | EN24282823 | CHAVAN AJAY ASHOK | HSC | 52.5 | 49.67 | 28.0884374 | | | 152710 | 28.0884374 |
| 379 | EN24127322 | CHAVHAN SANKET MANGILAL | HSC | 70.83 | 78.33 | 5.0055145 | 2.40311E+11 | 40.0084975 | 66640 | 40.0084975 |
| 380 | EN24254904 | CHAVHAN YASHVANT ANIL | HSC | 81 | 87 | 79.6526596 | | | 58309 | 79.6526596 |
| 381 | EN24246010 | CHIRDE AKASH GAJANAN | HSC | 67.67 | 73.33 | 54.0859766 | | | 114350 | 54.0859766 |
| 382 | EN24160372 | DAKHARE MAYUR RAJU | HSC | 79.5 | 80.33 | 63.2340107 | | | 96502 | 63.2340107 |
| 383 | EN24204347 | DESHMUKH VAIDEHI PRADIPRAO | HSC | 83.83 | 82.67 | 24.7657909 | | | 156795 | 24.7657909 |
| 384 | EN24286923 | DHADAVE DURGA RAMESH | HSC | 74 | 79 | 66.4751458 | | | 89864 | 66.4751458 |
| 385 | EN24267390 | GAIKWAD ANUJA VILAS | HSC | 73.17 | 69.33 | 70.4092512 | 2.40311E+11 | 46.8194101 | 81730 | 70.4092512 |
| 386 | EN24189590 | GAWANDE SHREYA PRAMOD | HSC | 71 | 73.67 | 68.2901694 | | | 85943 | 68.2901694 |
| 387 | EN24262358 | HANWATE VAISHNAVI SANJAYKUMAR | HSC | 63.17 | 66 | 44.8929536 | | | 129771 | 44.8929536 |
| 388 | EN24171048 | HEDAU ANJALI BHASKAR | HSC | 68 | 67.67 | 58.1158577 | | | 106733 | 58.1158577 |
| 389 | EN24211519 | JADHAO NISHANT SANTOSH | HSC | 81 | 89 | 70.4817329 | 2.4032E+11 | 13.5619634 | 81553 | 70.4817329 |
| 390 | EN24171040 | JADHAV TANMAY NAMDEO | HSC | 74.17 | 83.67 | 55.0733859 | | | 41524 | 55.0733859 |
| 391 | EN24199979 | JAMGE VEDIKA KRISHNA | HSC | 76.33 | 87.33 | 40.99476 | | | 41533 | 40.99476 |
| 392 | EN24170122 | JETHAWA SHREYASH SOMESH | HSC | 67.5 | 75.67 | 13.7020033 | | | 111716 | 13.7020033 |
| 393 | EN24149379 | JOSHI YASH SANJAY | HSC | 65.17 | 73.33 | 58.1158577 | | | 106633 | 58.1158577 |
| 394 | EN24314688 | KACHGUNDE ARVIND SUNIL | HSC | 54.83 | 60.33 | 79.9360013 | | | 57751 | 79.9360013 |
| 395 | EN24171801 | KHANDAPURE PRATHMESH JITESH | HSC | 45.83 | 42 | 74.9324465 | | | 70679 | 74.9324465 |
| 396 | EN24211678 | KHANDEKAR MANASWI DINESH | HSC | 68.67 | 66.33 | 43.4393889 | | | 132271 | 43.4393889 |
| 397 | EN24248208 | KHOND KARAN DEEPAK | HSC | 79.83 | 88.67 | 53.7424491 | 2.40311E+11 | 47.6296012 | 58352 | 47.6296012 |
| 398 | EN24212379 | KORDE PAYAL RAVI | HSC | 70.83 | 76.33 | 64.6500162 | | | 94278 | 64.6500162 |
| 399 | EN24201766 | KUBADE SHREEPAD SHIVAJI | HSC | 73.67 | 80 | 50.9307179 | 2.40311E+11 | 45.7000902 | 60430 | 45.7000902 |
| 400 | EN24247302 | KUBADE SHUBHANGI SUNIL | HSC | 82.17 | 85 | 59.3445914 | | | 105342 | 59.3445914 |
| 401 | EN24149588 | LAKHE ADITYA GANESH | HSC | 56.17 | 59 | 52.0276576 | | | 118345 | 52.0276576 |
| 402 | EN24163165 | MIRACHE SOHAM RAMRAO | HSC | 78.83 | 84 | 51.1396363 | | | 119662 | 51.1396363 |
| 403 | EN24254080 | MOHAMMAD AQUIB MOHAMMAD ASHFAQ | HSC | 77.67 | 82 | 24.0053974 | | | 158167 | 24.0053974 |
| 404 | EN24346516 | PACHANGE KRUSHNA GAJANAN | HSC | 67 | 73.67 | 35.5925864 | | | 41536 | 35.5925864 |
| 405 | EN24166965 | PACHKHANDE TANUSHRI MAROTI | HSC | 71.83 | 76 | 54.7526673 | | | 112972 | 54.7526673 |
| 406 | EN24192084 | PAITHANKAR AKSHITA VASANTRAO | HSC | 59.33 | 56.67 | 80.4298831 | | | 56463 | 80.4298831 |
| 407 | EN24222828 | PATIL MILIND SUNIL | HSC | 76.33 | 85 | 57.2163252 | 2.40311E+11 | 50.7538718 | 108771 | 57.2163252 |
| 408 | EN24271397 | PATIL SHRUSHTI PRAFUL | HSC | 54.83 | 47.67 | 42.2207447 | | | 134078 | 42.2207447 |
| 409 | EN24245821 | PAWAR PALAK NITIN | HSC | 74.67 | 78.33 | 67.5881106 | 2.40311E+11 | 31.191673 | 88055 | 67.5881106 |
| 410 | EN24254101 | PAWAR PRAJWAL JAGDISH | HSC | 65.5 | 70.33 | 67.5881106 | | | 87987 | 67.5881106 |
| 411 | EN24122768 | PAWAR TEJAS KAILAS | HSC | 77.5 | 84.67 | 71.716606 | | | 77952 | 71.716606 |
| 412 | EN24193624 | PULATE ATHARV ARUN | HSC | 77.67 | 83.33 | 13.647753 | 2.40311E+11 | 17.9633123 | 111717 | 13.647753 |
| 413 | EN24194719 | PULATE PRACHI DINESH | HSC | 80.67 | 86 | 46.5102928 | | | 126996 | 46.5102928 |
| 414 | EN24193312 | RATHOD ANKITA KAILAS | HSC | 71.83 | 68.33 | 13.7020033 | | | 41572 | 13.7020033 |
| 415 | EN24159539 | RATHOD ASHISH NARAYAN | HSC | 58.17 | 62.33 | 58.5786927 | | | 41518 | 58.5786927 |
| 416 | EN24117042 | RATHOD SHUBHAM GANESH | HSC | 48 | 53.67 | 57.3310702 | | | 108114 | 57.3310702 |
| 417 | EN24208080 | RAUT SANSKRUTI TIRTHESHWAR | HSC | 83.17 | 87.33 | 64.4664266 | | | 94499 | 64.4664266 |
| 418 | EN24170693 | SAMUDRE RUSHIKESH SUNIL | HSC | 70.46 | 69 | 28.7003692 | | | 152248 | 28.7003692 |
| 419 | EN24270459 | SHAIKH MOSIM SHAIKH MAKBUL | HSC | 72.67 | 86.67 | 24.3027383 | 2.4031E+11 | 22.643592 | 157695 | 24.3027383 |
| 420 | EN24280736 | SHINDE JAY DIGAMBAR | HSC | 62.17 | 55.5 | 84.1570554 | 2.4031E+11 | 80.2427627 | 46359 | 84.1570554 |
| 421 | EN24197704 | SHINDE SHRUTI TUKARAM | HSC | 56.67 | 48.67 | 68.7156482 | | | 85066 | 68.7156482 |
| 422 | EN24199501 | TAKLE KARTIK ARUN | HSC | 75 | 80.33 | 0.416704 | 2.4031E+11 | 43.6524512 | 62765 | 43.6524512 |
| 423 | EN24295035 | TARU PRATIKSHA MURLIDHAR | HSC | 58.33 | 68.67 | 45.4574846 | | | 41531 | 45.4574846 |
| 424 | EN24160460 | TEKALE GAURI SHARAD | HSC | 72 | 70.33 | 60.2951569 | | | 102630 | 60.2951569 |
| 425 | EN24305917 | THOMBARE ASHWINI SHAMRAO | HSC | 58.33 | 50.67 | 7.8389114 | | | 173783 | 7.8389114 |
| 426 | EN24317089 | WANKHEDE PRATHMESH SANDIP | HSC | 56.67 | 53 | 72.5041736 | | | 76348 | 72.5041736 |
| 427 | EN24194401 | WATH HARSHAL SANTOSH | HSC | 72.17 | 82.67 | 36.2134011 | 2.40311E+11 | 39.4204787 | 67347 | 39.4204787 |
| 428 | EN24157018 | ZUBIYA IRAM MUSHTAQUE AHEMAD KHA | HSC | 62.17 | 70.67 | 27.1532908 | | | 154588 | 27.1532908 |
| 429 | EN24153456 | BHONE ANIKET RAVI | HSC | 70.83 | 75.33 | 65.4406319 | 2.40311E+11 | 57.5186655 | 92615 | 65.4406319 |
| 430 | EN24314496 | BODKHE BHAKTI KIRAN | HSC | 67.5 | 67 | 59.9791975 | | | 104745 | 59.9791975 |
| 431 | EN24266425 | DESHMUKH VIRAJ BALASAHEB | HSC | 75.33 | 79.33 | 60.546705 | | | 102024 | 60.546705 |

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

Babasaheb Naik College of Engineering, Pusad
Institute Level
List of Applied Students First Year B.E 2024-2025

Date-

| Sr. No. | Merit No. | Name | Category | CET Score | Opted Branch |
|---------|-----------|-------------------------------------|----------|-----------|--------------|
| 1 | 415106 | FARHAN ILAHI KHAN FIROZ KHAN PATHAN | Open | 68.84021 | Civil |
| 2 | 41510 | KATARE SANVED SANTOSH | OBC | 67.04584 | CSE |
| 3 | 41524 | JADHAV TANMAY NAMDEO | DT/VJ | 55.07339 | AI&DS |
| 4 | 111712 | THAKARE ANUJ SANJAY | OBC | 38.41096 | CSE |
| 5 | 41535 | BEDARKAR SHIVAM RAMAKANT | OBC | 36.6284 | CSE |
| 6 | 41538 | THAKUR RAJSINGH SANTOSHSINGH | Open | 34.80529 | CSE |
| 7 | 41540 | JADHAO KHUSHI RAVI | DT/VJ | 34.1954 | CSE |
| 8 | 41543 | UBALE SARTHAK AVINASH | OBC | 31.42869 | CSE |
| 9 | 41542 | RATHOD PALLAVI MADHUKAR | DT/VJ | 31.31989 | EPS |
| 10 | 41544 | GAWANDE KRUSHNA MAHADEO | OBC | 30.4575 | CSE |
| 11 | 41545 | CHAVHAN NIPUN KANCHAN | DT/VJ | 29.15607 | Mech |
| 12 | 41546 | DESHMUKH ATHARVA RAJESH | Open | 28.86907 | Mech |
| 13 | 41548 | MASOOD AMMAR MUKHTAR KHAN | Open | 27.51233 | Civil |
| 14 | 41559 | KOKARE SHIVAM SANTOSH | Open | 19.40658 | Civil |
| 15 | 41560 | SUROSHE SAMRUDDHI PANDURANG | Open | 19.40658 | CSE |
| 16 | 41561 | DESHMUKH SWARANJALI DIGAMBAR | Open | 18.70281 | CSE |
| 17 | 41564 | PANDEY NIRBHAY DHARMENDRA | Open | 17.77662 | CSE |
| 18 | 41566 | PULATE PARTH DINESH | NT-B | 17.33808 | Civil |
| 19 | 41570 | DESHPANDE ARPIT ANANT | Open | 14.3617 | Mech |
| 20 | 41572 | RATHOD ANKITA KAILAS | DT/VJ | 13.702 | AI&DS |
| 21 | 111716 | JETHAWA SHREYASH SOMESH | OBC | 13.702 | AI&DS |
| 22 | 41573 | RATHOD KSHITIJ ASHOK | Open | 13.6621 | Civil |
| 23 | 41574 | GORE SANIKA ANUPKUMAR | Open | 13.64775 | CSE |
| 24 | 41575 | SUROSHE NIKITA DATTARAYA | Open | 13.59037 | EPS |
| 25 | 41578 | RATHOD VINAYAK GAJANAN | DT/VJ | 12.60441 | Mech |
| 26 | 111715 | JADHAO SUMIT ANIL | DT/VJ | 11.77463 | Civil |
| 27 | 41585 | PULATE KUNDAN GANESH | NT-B | 11.41287 | CSE |
| 28 | 41583 | CHUMBLE AMAN ANIL | Open | 11.38777 | EPS |
| 29 | 41587 | PATIL ROHINI RAJESH | Open | 9.605308 | Civil |
| 30 | 41588 | SAKHARE YASHWANT BAJRANG | Open | 8.411254 | CSE |

| | | | | | |
|----|--------|------------------------------|-------|----------|-------|
| 31 | 41589 | BHONE VAISHNAVI RAJU | OBC | 8.411254 | EPS |
| 32 | 11178 | RATHOD PRACHI KISHOR | DT/VJ | 3.378631 | EPS |
| 33 | 415101 | PALIKONDAWAR SAYALI PRAMOD | Open | 2.768864 | CSE |
| 34 | 415102 | WAGH PRAKSHIT ABHIMANYU | Open | 2.593193 | CSE |
| 35 | 41598 | RATHOD PAYAL GANESH | Open | 1.212415 | Mech |
| 36 | 415104 | KUMBARWAR NIHARIKA SURESH | Open | 0.740089 | EPS |
| 37 | 111720 | DESHMUKH VAIDEHI PRADIPRAO | OBC | 24.76 | AI&DS |
| 38 | 111717 | MOHAMMAD NOMAN MOHAMMAD MAS | OPEN | 81.38 | CSE |
| 39 | 111721 | ADITI RAJESH SURYAWANSHI | OBC | 47.01 | CSE |
| 40 | 111722 | RAUT SUKHAKARTA MAHESH | OBC | 76.13 | CSE |
| 41 | 111723 | JALGAONKAR YASHRAJ KAILASRAO | OBC | 46.36 | CSE |

Admission I/C

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

| 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 |

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

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

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

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"/> अहर्निशसेवामहे | President 246107, C.O. 246782, G.A.D. 246009, FAX NO. 07233-246009...e-mail-mcpusad@gmail.com |
| | जा.क्र./नपपु/अग्नि.विभाग/०७/२०२४ |
| | दिनांक-२०/०५/२०२४ |

To,

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

Sub.-: Regarding Renew Fire Safety Certificate.

Ref. :- 1. Your application received dated 14th May, 2024.
2. Form-B and Report of Authorised License Agency dated 04/03/2024

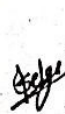
000

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 19th May, 2025.




(Shree. Abhijit Waykos)
Chief Officer
Municipal Council, Pusad.



SAFE FIRE PROTECTION

DESIGN, SUPPLY, INSTALLATION AND MAINTENANCE OF ALL TYPES OF FIXED FIRE PROTECTION SYSTEMS. FIRE ALARM SMOKE DETECTION, GAS DETECTION, FIRE HYDRANT, SPRINKLERS, FOAM, CO2 AND HALON GAS.

Date: - 06-12-2024

FORM (B)

[Refer Section 3(3) and Rule 4(2)]

Certificate by License Agency of Maharashtra Fire Prevention & Life Safety Measures Act 2006 Six monthly certificate to be given in every January and July for compliance of the Fire Prevention and Life Safety Measures.

CERTIFICATE

Certificate that, I/we have carried out inspection of the fire prevention and life safety measures in the following building or premises namely:-

**“BABASAHEB NAIK ENGINEERING COLLEGE”
PUSAD, DIST. YAVATMAL.**

- 1. ADMINISTRATIVES BUILDING**
- 2. AUDITORIUM BUILDING**
- 3. COMPUTER DEPARTMENT BUILDING**

We further certify that these installations in the above mentioned building will be maintained in good repair and efficient condition during the period of 01/07/2024 to 31/12/2024 As required under the provisions of Maharashtra Fire Prevention and Life Safety Measures Act 2016(Mah.III of 2007).

The details of inspection of installations carried out by me/us are mentioned in the report appended herewith.

RANJIT
DEVRAV
JADHAV

Digitally signed by
RANJIT DEVRAV
JADHAV
Date: 2024.12.06
18:13:10 +05'30'

Place : Washim

Signature of the Inspecting Officer

Date : 06-12-2024

SAFE FIRE PROTECTION

ADDRESS : SHOP NO. 10/3C THIRD FLOOR ,
MD PLAZA, KATA ROAD, NEAR RA COLLEGE
WASHIM, MAHARASHTRA – 444409

CONTACT NO. : +91 7744991430 / +91 7775932624
GSTIN/UIN : 27AEVFS7811L1Z5 / PAN NO. : AEVFS7811L
Email : safefireprotection201@gmail.com

**AUTHORISED BY MAHARASHTRA FIRE SERVICES (GOVT. OF MAHARASHTRA)
LICENSE NO. : MFS / LA / RF - 479**



SAFE FIRE PROTECTION

DESIGN, SUPPLY, INSTALLATION AND MAINTENANCE OF ALL TYPES OF FIXED FIRE PROTECTION SYSTEMS. FIRE ALARM SMOKE DETECTION, GAS DETECTION, FIRE HYDRANT, SPRINKLERS, FOAM, CO2 AND HALON GAS.

Date : 06-12-2024

Annexure

I have carried out the testing of the fire prevention and life safety measures instruments Placed at: -

**“BABASAHEB NAIK ENGINEERING COLLEGE”
PUSAD, DIST. YAVATMAL.**

- 1. ADMINISTRATIVES BUILDING**
- 2. AUDITORIUM BUILDING**
- 3. COMPUTER DEPARTMENT BUILDING**

I have carried out the testing of the Fire System is working properly.

Detail every wing is as under:-

| SR. NO. | Description | Quantity | Remark |
|---------|---|----------|--------|
| 1 | Fire Hose Reel complete with 30 mtrs long type 2, 19 mm rubber hose and PVC shut off nozzle | Provided | OK |
| 2 | M.S Single Door Hose Boxes for Fir Hose | Provided | OK |
| 3 | 63 mm S.S. branch pipe with 19 mm nozzle | Provided | OK |
| 4 | 63 mm Fire Hose with 15 mtrs long fitted with S.S. instantaneous couplings | Provided | OK |
| 5 | Single headed Fire Hydrant Landing valves 63 mm. | Provided | OK |
| 6 | ABC Type Fire Extinguishers – 6 Kg capacity | Provided | OK |
| 7 | CO2 Type Fire Extinguishers – 4.5 Kg capacity | Provided | OK |
| 8 | Fire Brigade inlet with 63 mm NRV Coupling | Provided | OK |
| 9 | Electrical Pump 900 LPM | Provided | OK |
| 10 | 4 zone fire alarm panel | Provided | OK |
| 11 | Manual Call Point | Provided | OK |
| 12 | Electronic Hooter | Provided | OK |

Place : Washim

Date : 06-12-2024

Digitally signed
by RANJIT
DEVRAV
Signature of the Issuing Officer
SAFE FIRE PROTECTION
Date: 2024.12.06
18:13:36 +05'30'

ADDRESS : SHOP NO. 10/3C THIRD FLOOR,
MD PLAZA, KATA ROAD, NEAR RA COLLEGE
WASHIM, MAHARASHTRA – 444409

CONTACT NO. : +91 7744991430 / +91 7775932624
GSTIN/UIN : 27AEVFS7811L1Z5 / PAN NO. : AEVFS7811L
Email : safefireprotection201@gmail.com

**AUTHORISED BY MAHARASHTRA FIRE SERVICES (GOVT. OF MAHARASHTRA)
LICENSE NO. : MFS / LA / RF - 479**

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)

| Sr. No. | 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 | NII | 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 | International Journal of Automotive Engineering & Technologies |
| 6 | Journal of Advances in Vehicle Engineering |
| 7 | International Journal of Automotive and Mechanical Engineering |
| 8 | International Journal of Research in Mechanical Mechatronics and automobile engineering (IJRMMAE) |
| 9 | Open Engineering |
| 10 | Journal of Mechanical Engineering and Biomechanics |
| 11 | Romanian Journal of Automotive Engineering |
| 12 | International Research Journal of Automotive Technology |
| 13 | Annals of the University of Oradea. Fascicle of Textiles, Leatherwork |
| 14 | Fibres & Textiles in Eastern Europe |
| 15 | Internation Journal of Materials, Mechanics and Manufacturing |
| 16 | International Journal of Manufacturing Engineering |
| 17 | Journal of Engineering and Manufacturing Technology |
| 18 | MADERAS : Ciencia y Tecnología |
| 19 | Manufacturing Review |
| 20 | Advances in Mechanical Engineering |
| 21 | Advances in Tribology |
| 22 | American Journal of Mechanical Engineering |
| 23 | American Journal of Mechanical Engineering and Automation |
| 24 | Electronic Journal of Boundary Elements |
| 25 | International Journal of Aerospace and Mechanical Engineering |
| 26 | International Journal of Applied Research in Mechanical Engineering(IJARME) |
| 27 | International Journal of Mechanical Engineering and Applications |
| 28 | International Journal of Mechanical Engineering and Robotics Research |
| 29 | International Journal of Research in Mechanical Engineering |
| 30 | International Journal of Research in Mechanical Engineering and Technology(IJRMET) |
| 31 | IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) |
| 32 | ISRN Mechanical Engineering |
| 33 | Jordan Journal of Mechanical and Industrial Engineering |
| 34 | Journal of Applied Fluid Mechanics |
| 35 | Journal of Computational and Applied Mechanics |
| 36 | Journal of Fundamentals of Renewable Energy and Applications |
| 37 | Journal of Mechanical Engineering and Technology |
| 38 | Journal of Naval Architecture and Marine Engineering |
| 39 | Journal of Robotics |
| 40 | Mechanical Engineering Research |
| 41 | Modern Mechanical Engineering |
| 42 | Periodica Polytechnica Mechanical Engineering |
| 43 | The Open Mechanical Engineering Journal |
| 44 | Thermal Science |
| 45 | Geomaterials |
| 46 | Journal of Metallurgy |
| 47 | Journal of Mining and Metallurgy, Section B : Metallurgy |
| 48 | Platinum Metals Review |

| | 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 |

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|-----|---|
| 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 |

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|------|---|
| 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. | ARPN 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 |

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| 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 |

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|--------------|--|
| 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 |

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| 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. | Brazilian Journal of Chemical Engineering |
| 11. | Carpathian Journal of Food Science and Technology |
| 12. | Chemical Engineering Research Bulletin |
| 13. | Czech Journal of Food Sciences |
| 14. | Electrochemistry Journal |
| 15. | Energies |
| 16. | eXPRESS Polymer Letters |
| 17. | Fuels and Energy Science Journal |
| 18. | Hungarian Journal of Industry and Chemistry |
| 19. | Indian Journal of Chemical Technology |
| 20. | International Journal of Chemical Engineering |
| 21. | International Journal of ChemTech Research |
| 22. | International Journal of Electrochemical Science |
| 23. | International Journal of Industrial chemistry |
| 24. | International Journal of Polymer Science |
| 25. | Ion Exchange Letters |
| 26. | Johnson Matthey Technology Review |
| 27. | Journal of Cheminformatics |
| 28. | Journal of Engineering & Technological Sciences |
| 29. | Journal of Excipients and Food Chemicals |
| 30. | Nanochemistry Research |
| 31. | Nanotechnology, Science and Applications |
| 32. | New Journal of Glass and Ceramics |
| 33. | Oil & Gas Science and Technology |
| 34. | Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry |
| 35. | South African Journal of Chemical Engineering |
| 36. | Synthetic and system biotechnology |

| 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. | Fibreculture Journal |
| 13. | International Journal of Advances in Engineering and Technology |
| 14. | International Journal of Emerging Technologies and Society |
| 15. | International Journal of Engineering and Technology |
| 16. | International Journal of Innovative Technology and Creative Engineering |
| 17. | ISRN Nanotechnology |
| 18. | Journal 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 spectrophotometer), 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, Shouderies & 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 Difor-meter Set |

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|----|--------------------|--|
| 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 Projector, Kodak Ektalite E-30 Overhead Projector, 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 & Measurement 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 COMBUSTION 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 |

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|---|-----------------|---|-----------|
| 6 | CAD & FMS Lab | Computer Machines Intel Dual Core 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, Built in Hi-defination two chaneel 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 Vostro, 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</p> | 1820857.20 |
| 2 | RR LAB | <p>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</p> | 1715215.00 |
| 3 | Linux LAB | <p>HP-3330 MT-I-3 Desk top Intel I-3 2120 3.3 GHz, CPU 4 GB RAM, 500 GB HDD, H61 Chip Set Mothor 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 No) , KODAK EKTALITE 30 over-head 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</p> | 1973860.00 |
| 4 | R&D LAB | <p>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</p> | 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 soldering & 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 ETHERNET HUB 16 PORTS, DLINK DES3226S ETHERNET SWITCH 24 PORTS, Thin Client Card Enjay make (07 No) | 763800.00 |
| 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 Mothor 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 |
| 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 : IN-I71400DQ, ACCESS POINT (02 No) , Projector XD 1160 ACER SR.NO. EY-J560101774600A0F5910, 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. | NameoftheLaboratory/ Workshop | MajorEquipment | 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,DCShuntMotor-GeneratorSet,DC MachineAssembly Kit,DCPower Supply,Oscilloscope(3Nos.),ComputerP4(2Nos.) | Rs. 11.26 Lacs |
| 3 | Analog and Digital Circuit Lab. | DigitalICTester,CRO (10Nos.),LCRBridgeDigitalType,Digital Multimeter,FunctionGenerator,ComputerP4(3Nos.), Digital-ICFunction Tester,CRO(8),ComputerP4(2) | Rs. 14.60 Lacs |
| 4 | Measurement, Instrumentation | Recorder , CRO(6 Nos.), Trainer kits for measurementofTemperature,displacement,angular displacement, capacitivetransducer, resistive hygrometer, load cell, hot wire anemometer,Hall-effect,instrumentationtutorport,D/Aconvertor,Speed MeasurementTrainer(2Nos.), Bridge Circuits (AC & DC), Megger, Trainer kits for network thermos. | Rs. 6.44 Lacs |
| 5 | Power Electronics Lab. | Oscilloscope (9 Nos.), Signal Digitiser- systronics,3Phase,Induction MotorSpeed Controller,IntegratedThyristorController(ITC)(6Nos.), RMS/HundHel- d41/2DigitalTrueUser'sMultimeter,ComputerP-IV (3Nos.)DielectricHeatingTrainer Kit,Induction HeatingTrainerKit | Rs. 11.46 Lacs |
| 6 | Control System Lab. | Regulated DC Power Supply, Torque Measurement Tutor usingTorqueTransducer (2Nos.),TemperatureController,DCMotor, Speed-ControlDemonstration,StripChartRecorder | Rs. 1.48 Lacs |
| 7 | Microprocessor and DSP Lab. | MATLABDVD KitforPC&UnixRelease -R2008a (10User),ORCAD-Capture,PSPICEandLayout (EDASoftware) R 9.2, DSP Trainer Kits(5 Nos.), DSP System GeneratorVer. 9.2(N-User, HPServerProliantML 150,CRO30MHz(2Nos.)CRO20 MHz (2Nos.),Microcontrollertrainerkit89C51(10Nos.) AVRMEga-32Microcontroller kits(4Nos.), HPmakecoretoduoComputerwith18.5”TFT (46Nos.),Laser Printer HP-1015, Caddo 823 Tech- lab 30 MHz, 2 Ch 4 tract with 2MHzfunctionGenerator, tripleoutputpowersupplyfrequencycounter | 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. 10Lacs |

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. B77420AGAQXHUL Mous Sr.No.F66C80F5BQW11P8 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 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 iv.Borland Turbo C++ Accelerate Single v.Turbo Accelerate Suite C++(Borland) vi.MAT LAB with vii.Wavelet Tool Box viii.System Identification Tool Box ix.Signal Processing Tool Box | 01 10 01 01 15 01 | 448033 |
| 2 | Data Structure | 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 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 Tablet PC HP 1301 CNF73554Q6 | 01 10 01 | 273170 |
| 3 | Analog & Digital Electronics Lab | 1)OTS Low Cost AD ADC/DAC Cord, 2) OTS 102A 14 Bit Theormocouple Input Cord 3) OTS 113C Digital I/O cord 144 I/01 line 4) OTS-115 Reed Relay output cord 5) OTS-OP to I/O Cord 16input | 08 01 02 02 | 675500 |
| 4 | Artificial Intelligence Lab | 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 | 10 | 226920.00 |
| 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. | Name of the Laboratory/Workshop | Major Equipment |
|-------|---------------------------------|--|
| 1 | VLSI | VLSI Design Software XILINXISE Series Ver.9.2 with Spartan-III based VLSI Kit (N-User), VLSI-VHDL-VERILOG-FPGA-CPLD (Single user, 5 Nos.), Universal Kit for Xilinx CPLD Xc9572 devices (on board), Model-EDASX2 and Spartan FPGA Device (2 Nos.) |
| 2 | Communication Engineering | Spectrum Analyzer, CRO Dual Trace (11 No.), CRO Four Trace, Signal generator (FM/AM) Radar 2354, Stronger Exchange 50-7 lines, Computer P4 (6 Nos.), Caddo 823 Tech Lab., |
| 3 | Electronics Workshop | CRO (9 Nos.), Process Camera, Photo Resist Dip Coating Machine, Photo Resist Ultraviolet Rich exposing unit, Etching Machine, Tinning Machine, Automatic Coil winding Machine, PCB Etching Machine (AGIT), Overhead Projector (2 Nos.), Automatic Digital-IC Tester, PTH Unit, Sheet Folding Machine, Dry Film Laminator, Dry film developing Unit, Screen Printing Machine, Dip Soldering Machine, Overhead head Projector Kodak Ektalite E30/E31 (2 Nos.), Computer P4 (23 Nos.) |
| 4 | UHF & Microwave | Colour T.V. Trainer main board 32"x24" with colour T.V. Picture tube. All assembly with PCB working, Colour T.V. Receiver kit, CRO (Dual Trace) (3 Nos.), Tinnel Microwave Laboratory, Microwave Laboratory X-Band (2 Nos.), Microwave Laboratory C-band Klystron with mount (9134), Analog-Digital Training System (2 Nos.), Microwave Test Bench Gunn based (x-Band) Microstrips system trainer, Intel IP-4 Computers (3 Nos.), Function Generator, Component Development System (2 Nos.) Vector Network Analyzer (1 No.) |
| 5 | OFC | D.L. Video fiber optic video link separate transmitter and AGC receiver module with 12VDC power supply fiber, Fiber optic training Lab. With Accessories Falcon make, MOP-VLG fiber optic power meter Falcon make, MOS 850 fiber optic LED power source Falcon make, FI-500 Fiber Optic continuity Tester Falcon make CK-1000 ST Connector installation Kit, Falcon Make HE-NE Laser source, Laser Optic Lab & Glass Fiber, CCD Camera Colour, UV Mechanical Splicing kit with accessories Falcon make, Antenna system Trainer, S-936 FM (Stereo)/ AMSynth. Sweep Signal+ Marker generator, STS-3006 Antenna Analysis Software |

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.
D) 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 type 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 are part 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 Practical :

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 Processes 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 soft ware 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 strains 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) Aurdino / 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.

ListofPracticals(Any-5):

1. Studyofpneumaticsystem
2. StudyofPLCandimplementation ofreallifesystem.
3. Studyof Pick&Placerobot.
4. Studyofbottlingplant
5. Studyof digital to analogconverter
6. Studyof D.C.motor controlunit.
7. Tostudyapplicationsofsensorsandactuators

***PracticalExamination:**

PracticalExaminationshall consistofvivocebasedontheterm workandsyllabus.

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 (Any 6):

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 these 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. Morse test on a multi-cylinder petrol engine.
6. Trial on petrol/diesel engine to plot p - V 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 of office 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) 8ME06 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, strain gauges, 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

SCE09 : (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.

5CE06 : 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.

5ADO7: 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 In-direct 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.

SEP06: COMPUTER METHODS IN POWER SYSTEM ANALYSIS –LAB.

List of Experiment

1. Write a Program for formation of Bus Admittance Matrix (Y_{bus}) for a given Power System network using Singular Transformation.
2. Write a Program for formation of Bus Impedance Matrix (Z_{bus}) 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 (Y_{bus}).
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 (Y_{bus}).
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 its 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 gm, rd 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 II[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-I 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

8th Semester :-

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 | Prof J G Ingale | Chairman |
| 2 | Dr S S Asole | Secretary |
| 3 | Dr A N Gaikwad | Member |
| 4 | Prof. Kalpesh Dongare | Member |
| 5 | Dr.S.S.Bhagwat | 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 assesment 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 | Qnty 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 & Index- ing 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 Statter (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 | | | |
| CampusPlacement | | | | |
| Branch | Civil Engineering | | | |
| | | 2021-22 | 2022-23 | 2023-24 |
| 1 | Number of placed students | 21 | 34 | 15 |
| 2 | Minimum salary | Rs.1.80/-lpa | Rs. 1.80 /- | Rs.2.00/-lpa |
| 3 | Maximum salary | Rs.10.00/-lpa | Rs.18.00/-lpa | Rs. 6.00/-lpa |
| 4 | Average salary | Rs.3.25/-lpa | Rs.3.23/-lpa | Rs. 2.7/-lpa |
| Branch | Mechanical Engineering | | | |
| | | 2021-22 | 2022-23 | 2023-24 |
| 1 | Number of placed students | 26 | 22 | 3 |
| 2 | Minimum salary | Rs.2.48/-lpa | Rs.1.62/-lpa | Rs. 2.16 /-lpa |
| 3 | Maximum salary | Rs.4.50/-lpa | Rs.3.75/-lpa | Rs.2.40/-lpa |
| 4 | Average salary | Rs.3.22/-lpa | Rs.2.28/-lpa | 2.32/-lpa |
| Branch | Electronics & Telecommunication Engineering | | | |
| | | 2021-22 | 2022-23 | 2023-24 |
| 1 | Number of placed students | 2 | 5 | 2 |
| 2 | Minimum salary | Rs.3.36/-lpa | Rs.1.68/-lpa | Rs.2.40/-lpa |
| 3 | Maximum salary | Rs.4.50/-lpa | Rs.1.68/-lpa | Rs.2.40/-lpa |
| 4 | Average salary | Rs.3.93/-lpa | Rs.1.68/-lpa | Rs.2.40/-lpa |
| Branch | Computer Science & Engineering | | | |
| | | 2021-22 | 2022-23 | 2023-24 |
| 1 | Number of placed students | 30 | 7 | 15 |
| 2 | Minimum salary | Rs.2.70/-lpa | Rs.4.58/-lpa | Rs. 1.80 /-lpa |
| 3 | Maximum salary | Rs.4.80/-lpa | Rs.3.31/-lpa | Rs.4.50/-lpa |
| 4 | Average salary | Rs.3.59/-lpa | Rs.3.98/-lpa | Rs.2.4/-lpa |
| Branch | Electrical Engineering (Electronics & PowerSystem) | | | |
| | | 2021-22 | 2022-23 | 2023-24 |
| 1 | Number of placed students | 7 | 4 | 2 |
| 2 | Minimum salary | Rs.3.00/-lpa | Rs.1.68/-lpa | Rs.3.00/-lpa |
| 3 | Maximum salary | Rs.7.00/-lpa | Rs.4.00/-lpa | Rs.7.00/-lpa |
| 4 | Averagesalary | Rs.3.90/-lpa | Rs.2.26/-lpa | Rs.5.00/-lpa |
| Branch | Information Technology(21-22)/ AIDS(23-24) | | | |
| | | 2021-22 | 2022-23 | 2023-24 |
| 1 | Number of placed students | 2 | Nil | 4 |
| 2 | Minimum salary | Rs.3.00/-lpa | Nil | Rs. 1.80 /-lpa |
| 3 | Maximum salary | Rs.3.84/-lpa | Nil | Rs. 1.80 /-lpa |
| 4 | Average salary | Rs.3.42/-lpa | Nil | Rs. 1.80 /-lpa |

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

From 1st June 2022 to 31st May 2023)

| Name of Students placed | Program Graduated From | Name of the Employer with contact details | | Package | No of |
|-------------------------|---------------------------------------|---|---|----------------|-------|
| Name of Students | | Name of the Employer | Address | | |
| Mr. Hitesh Chavan | 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 | 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 | B.E.Electirical (Electronics & Power) | Capgemini | Capgemini knowledge Park(SEZ),IT3/IT4, Airoli knowledge Park,Thane Belapur Rd, | Rs. 4.00 lpa | 2 |
| Ms. Payal Jadhao | B.E. (Computer Science & Engineering) | | | | |
| Mr. Balaji Thadve | 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 |

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

From 1st June 2022 to 31st May 2023)

| Name of Students placed | Program Graduated From | Name of the Employer with contact details | | Package | No of |
|---------------------------------|---------------------------------------|---|--|----------------|-------|
| Name of Students | | Name of the Employer | Address | | |
| Mr. Suraj Kawale | B.E.(Mechanical) | SnapWork | SnapWork Technologies Pvt. Ltd Navi Mumbai | Rs.3.50 lpa | 1 |
| Mr. Sk.Mubashir Sk.Rahim | 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 | | | | | |
| Mr Prashant Wankhade | | | | | |
| Ms. Vaishnavi Bhalekar | | | | | |
| Mr. Hitesh Chavan | 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 | 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 | | | | | |
| Mr.Nandkishore Balasaheb Behare | | | | | |
| Mr.Rizwan Farikoddin Kazi | | | | | |
| Mr.Rushikesh Mahadev Kadu | | | | | |
| Mr.Sushmit Madhukar Tale | | | | | |
| Mr.Vijay Dilip Ade | | | | | |
| Mr.Chandrakant Prakash Bhople | | | | | |
| Sumedh Bhimrao Dawande | | | | | |

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

From 1st June 2022 to 31st May 2023)

| Name of Students placed | Program Graduated From | Name of the Employer with contact details | | Package | No of |
|-----------------------------------|------------------------|---|---|-----------------|-------|
| Name of Students | | Name of the Employer | Address | | |
| Syed Tuseefuddin K.S. Zaheeruddin | 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 | |
| Mr Prashant Wankhade | | | | | |
| Krishnakant Dhule | | | | | |
| Mr. Kshitij Jakate | | | | | |
| Mr.Gajanan Rathod | | | | | |
| Mr.Shubham Patil | | | | | |
| Ms Vedshree Jadhao | 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 |

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

From 1st June 2022 to 31st May 2023)

| Name of Students placed | Program Graduated From | Name of the Employer with contact details | | Package | No of |
|-------------------------|---------------------------------------|---|---|-----------------|-------|
| Name of Students | | Name of the Employer | Address | | |
| Mr Prashant Wankhade | 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 | B.E.(Mechanical) | Divgi Torque Transfer Pvt Ltd Pune | 139/B, Village Shivare, Bhor, Pune - Satara Rd, Pune, Maharashtra 412205 | Rs. 2.00 /- lpa | 1 |
| Ms Nishada Raut | 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 | B.E.(Civil 2022) | Infosys | 44, Infosys Avenue Electronics City, Hosur Road Bangalore 560 100, India | Rs. 3.60 /- lpa | 3 |
| Mr. Mohan Rupnar | B.E.(Mechanical) | | | | |
| Mr. Pavan Shelke | | | | | |

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

From 1st June 2022 to 31st May 2023)

| Name of Students placed | Program Graduated From | Name of the Employer with contact details | | Package | No of |
|---------------------------|---------------------------------------|---|---|-----------------|-------|
| Name of Students | | Name of the Employer | Address | | |
| Mr. Hitesh Chavan | 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 | 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 | | | | | |
| Mr. Ravi Chinke | | | | | |
| Mr. Rushikesh Rathod | | | | | |
| Mr. PrathameshYenkar | | | | | |
| Mr. Lalit Mukesh | | | | | |
| Mr. Aditya Rathod | 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 | | | | | |
| Mr. Chandrabhushan Murkhe | B.E.(Civil 2022) | Tata Projects Pvt Ltd. | PGCL - Telangana | Rs. 3.12/- lpa | 1 |

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

From 1st June 2022 to 31st May 2023)

| Name of Students placed | Program Graduated From | Name of the Employer with contact details | | Package | No of |
|-------------------------|--------------------------------------|---|--|-----------------|-------|
| Name of Students | | Name of the Employer | Address | | |
| Mr. Shubam Rathod | 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 | 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 | | | | | |
| Mr. Nilesh Rathod | B.E.(Civil 2022) | AZA Fashion Pvt. Ltd. | | Rs. 5.72 /- lpa | 1 |
| Mr. Harshal Belkhade | 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 | | | | | |
| Mr. Balaji Thadve | | | | | |

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

From 1st June 2022 to 31st May 2023)

| Name of Students placed | Program Graduated From | Name of the Employer with contact details | | Package | No of |
|-------------------------|---------------------------------------|---|--|-----------------|-------|
| Name of Students | | Name of the Employer | Address | | |
| Mr. Arjun Kadam | 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 | 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 | | | | | |
| Mr. Om Barde | B.E.(Mechanical) | Bharat Forge Pvt. Ltd. | Bharat Forge Limited, Mundhwa Pune, 411 036 | Rs. 3.00 /- lpa | 2 |
| Mr. Shishir Niwase | | | | | |

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

From 1st June 2022 to 31st May 2023)

| Name of Students placed | Program Graduated From | Name of the Employer with contact details | | Package | No of |
|--------------------------|---|---|--|-----------------|-------|
| Name of Students | | Name of the Employer | Address | | |
| Ms. Pooja Kukde | 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 | 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 | 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 | | | | | |
| Mr. Abhishek Das | B.E. (Electronics & Telecommunication Engineering) | Essem Srinisons 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 | | | | | |
| Ms.Pranoti Kale | | | | | |
| Ms.Mayuri Shivarkar | | | | | |
| Mr.Shubham Rathod | | | | | |

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

From 1st June 2022 to 31st May 2023)

| Name of Students placed | Program Graduated From | Name of the Employer with contact details | | Package | No of |
|-------------------------|---------------------------------------|---|--|-----------------|-------|
| Name of Students | | Name of the Employer | Address | | |
| Mr.Shubham Patel | B.E.Electirical (Electronics & Power) | Essem Srinisons Pvt Ltd | Gut No. 258, Talegaon Road, Kharabwadi, Chakan,Tal. Khed, Dist. Pune 410 501. Maharashtra, India | Rs. 1.68 /- lpa | |
| Mr.Sujit Rathod | | | | | |
| Ms.Prabha Padghan | | | | | |
| Mr. Digvijay Mukesh | B.E.(Mechanical) | Maso Automative Pvt.Ltd. | Cut No. 15, Mirzapur, Pune Road, Jikthan Phata, Ta. Gangapur, Aurangabad 431 136 (M.S.) | Rs. 1.68 /- lpa | 13 |
| Mr. Mohit Surduse | | | | | |
| Mr. Shankar Deshmukh | | | | | |
| Mr. Shrikant Sakhare | | | | | |
| Mr. Vaibhav Wagh | | | | | |
| Mr. Yesh Yewale | | | | | |
| Mr. Aditya Soni | | | | | |
| Mr. Vaibhav Kubade | | | | | |
| Mr. Pankaj Chavhan | | | | | |
| Mr. Saurav Bhalerao | | | | | |
| Mr. Sufiyan Khan | | | | | |
| Mr. Sunil Ade | | | | | |
| Mr. Vishal Rathod | | | | | |

Number of placement of outgoing students during the year 2023-24 (From 1st June 2023 to 31st May 2024)

| Name of Students placed and con | Program Graduated From | Employer with contact details | | | No of Selects |
|---------------------------------|---------------------------------------|--------------------------------|--|----------------|---------------|
| Name of Students | | Name of the Employer | Adress | Package | |
| Ms.Janvi Naik | B.E. (Computer Science & Engineering) | Accenture | PDC3B Building B-1, Phone 1, | Rs.4.50/-lpa | 1 |
| Mr. Yatharth Tatwadi | B.E. (Computer Science & Engineering) | Jade Global Software Pvt. Ltd. | Nyati Teck Park, 7th Floor, Digamber | Rs.4.09 /-lpa | 1 |
| Ms. Vaishali Dhannawat | B.E. (Computer Science & Engineering) | ABM KnowledgewarePvt | Plot No, 268, ABM House, Linking Rd, | Rs.3.00/-lpa | 1 |
| Ms. Priti Rathod | B.E.Electrical (Electronics & Power) | BYJU'S | Unit No.102, Pentagon 2 and | Rs.7.00/-lpa | 1 |
| Mr. Nirmal Jagdish Mahajan | B.E.Electrical (Electronics & Power) | Vodafone Idea.Ltd | Raheja Mind space Mindspace, Hitesh | Rs.3.00/-lpa | 1 |
| Mr. Suraj Padmawar | Mech.Engg. | SULZER Mobile | Sulzar India Pvt. Ltd Reg. office & | Rs.2.40/-lpa | 1 |
| Mr. Shubham Dhad | B.E.(Mechanical) | SULZER | Sulzar India Pvt. Ltd Reg. office & | Rs.2.40/-lpa | 1 |
| Mr. Manish Pashine Bhandara | EXTC | Schindler India Pvt L | Plot No. D-234, Near Warale | Rs.2.40/-lpa | 1 |
| Mr. Ketan Thakur | B.E.Civil Engg. | Quadrant Counsultant, Nashik | 113, Bodke Plaza, 1st Floor, Above | Rs.2.16/-lpa | 1 |
| Mr. Saifullah Khan | B.E.Civil Engg. | Formonic Technologies, | Plot No: 39, Phase-2 Ananth Info Park, | Rs.2.16/-lpa | 1 |
| Mr. Pratik Rathod | B.E.Civil Engg. | VAMPS Safegaurd P | C- Wing- 209/210, Mittal Commercia | Rs.6.00/-lpa | 1 |
| Mr Prashant Wankhade | B.E.Civil Engg. | EPC Pvt Ltd. | 401, Amit Crystal,Opp. | Rs.2.00/-lpa | 2 |
| Mr. Shubham Surywanshi | B.E.Civil Engg. | EPC Pvt Ltd. | Chaturshringi Temple, S.B.Road | Rs.2.00/-lpa | |
| Mr. Shubham Rathod | B.E.Civil Engg. | Zerone High Tech Pvt. Ltd. | 209 &210, Konark | Rs. 2.64 /-lpa | 1 |

Number of placement of outgoing students during the year 2023-24 (From 1st June 2023 to 31st May 2024)

| Name of Students placed and con | Program Graduated From | Employeer with contact details | | | |
|---------------------------------|---------------------------------------|---------------------------------------|--|----------------|---|
| Ms. Shivani Sharma | B.E. (Computer Science & Engineering) | Symbosis centre for Distance Learning | Sumbosis open Education Society, | 3.50/-lqa | 1 |
| Mr. Akshay Pawar | B.E.Civil Engg. | Suroj Buildcon Pvt Ltd | Bungalow No. 3, Liberty Society Phase-I, North Main Road, Koregaon Park, Pune - 411 001, Maharashtra, India. | Rs. 2.76 /-lpa | 4 |
| Mr. Abhishek Rathod | B.E.Civil Engg. | | | | |
| Mr. Shubham nagle | B.E.Civil Engg. | | | | |
| Mr. Chandan Pawar | B.E.Civil Engg. | | | | |
| Ms. Tejomayi Jadhav | B.E.Civil Engg. | Fidesto Projects Pvt Ltd. | Office No.6, 3rd Floor, Opp. Bharat Petrol Pump, Varsha Park, Anmol Pride, Baner Road, Pune | Rs. 2.25 /-lpa | 5 |
| Ms. Sapana Rathod | B.E.Civil Engg. | | | | |
| Mr. Prajwal Chavhan | B.E.Civil Engg. | | | | |
| Mr. Shoaib Mirza | B.E.Civil Engg. | | | | |
| Mr. Ashitosh Kawarkhe | B.E.Civil Engg. | | | | |
| Mr. Omkar Nagthane | B.E. (Computer Science & Engineering) | HCL | HCL Technologies Ltd. Technology | Rs. 3.25 /-lpa | 1 |
| Ms. Mayuri Shivarkar | EXTC | JUNO Software Pvt Ltd. | 701/ Pentagon-2, Magarpatta, | Rs. 2.40 /-lpa | 1 |
| Mr. Dnyaneshwar Tundalwar | B.E. (Computer Science & Engineering) | ICEICO Technologies Pvt Ltd, Nagpur | Plot No. 91, Ganesh Nagar, Azamshah Layout, Nagpur, Maharashtra 440009 | Rs. 1.80 /-lpa | 5 |
| Mr. Shivam Vishwakarma | B.E. (Computer Science & Engineering) | | | | |
| Mr. Sahil Adhapure | B.E. (Computer Science & Engineering) | | | | |

Number of placement of outgoing students during the year 2023-24 (From 1st June 2023 to 31st May 2024)

| Name of Students placed and con | Program Graduated From | Employer with contact details | | | |
|---------------------------------|---------------------------------------|--|--|----------------|---|
| Ms. Shewta Dhannavat | B.E. (Computer Science & Engineering) | Ltd., Nagpur | Phone No.08007004287 | | |
| Ms. Sharyu Amrutkar | AI&DS | | | | |
| Mr. Shreedhar Khere | B.E.(Mechanical) | BADVE Engineering, Pvt Ltd. | Gat No 63/64, Green Bold, Aurangabad Ho, Aurangabad- | Rs. 2.16 /-lpa | 2 |
| Mr. Ajay Chavhan | B.E.(Mechanical) | | | | |
| Ms. Neha Gupta | B.E. (Computer Science & Engineering) | WARNER ELECTRONICS INDIA, Pvt Ltd. | Plot No A114/6 Five Star, Shendra MIDC, Aurangabad, Maharashtra 431007 Phone No.09851815171 | Rs. 1.80 /-lpa | 9 |
| Mr. Akash Pandav | B.E. (Computer Science & Engineering) | | | | |
| Mr. Sunil Kakde | B.E. (Computer Science & Engineering) | | | | |
| Mr.Vaibhav Karale | AI&DS | | | | |
| Mr. Jay Hirekar | AI&DS | | | | |
| Ms. Aditi Deshmukh | B.E. (Computer Science & Engineering) | | | | |
| Ms. Sanika Asegaonkar | B.E. (Computer Science & Engineering) | | | | |
| Mr. Sagar Gaydhane | AI&DS | | | | |
| Mr. Ajay Jadhav | B.E. (Computer Science & Engineering) | | | | |

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 Spon- sored | 14/07/2021 | 18/07/2021 | 93000 |
| Total Revenue Generated | | | | | 120245 |
| Total Grants Received | | | | | 93000 |
| Total Revenue 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, Vidyanagar, 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 |
| 25 | R.Y.B. TRANSFORMERS | BEHIND B.N.C.O.E. PUSAD | ELECTRICAL |
| 26 | B.N.Kapus Utpadak Soot Girmi ltd | At.pipalgoan,Tq.Mahagoan. Dist.Yavatamal | Mechanical |

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

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