

.....Mandatory Disclosure.....

MANDATORY DISCLOSURE UPDATED ON : APRIL 01, 2023
PERMANENT AICTE ID : 1-14601229
CURRENT APPLICATION ID : 1-36445374505
Date & Period of Approval : July 01, 2024 (AY 2023-2024)

1) Name of the Institute:-

| | | | |
|----------|---|--|---|
| Name | : | R. C. Patel Institute of Technology, Shirpur | |
| Address | : | Nimzari Naka, Shahada Road | |
| Village | : | Shirpur | |
| Taluka | : | Shirpur | |
| District | : | Dhule | |
| Pin Code | : | 425 405 | |
| State | : | Maharashtra | |
| STD Code | : | 02563 | Phone No: 259600, 259801, 259802 |
| Fax No. | : | 259801 | E-Mail: director@rcpit.ac.in registrar@rcpit.ac.in |
| Web site | : | www.rcpit.ac.in | |

2) Name and Address of the Society:-

| | | | |
|--------------------------|---|---|---|
| Name | : | Shirpur Education Society | |
| Address | : | Subhash Colony, Opposite to Telephone Exchange Building, Shirpur-425405, Dist: Dhule (MS) | |
| Village | : | Shirpur | |
| Taluka | : | Shirpur | |
| District | : | Dhule | |
| Pin Code | : | 425 405 | |
| State | : | Maharashtra | |
| STD Code | : | 02563 | Phone No: 251005 |
| Fax No. | : | 251005 | E-Mail: ses.office@shirpur.org ses.centraloffice@gmail.com |
| Web site | : | www.sesrcp.in | www.rcpit.ac.in |
| Registered with | : | Commissioner, Mumbai, under Bombay Trust Act 1950 | |
| Registration No and date | : | E-Mumbai/31303, Mumbai, 12/06/2015 | |

3) Name and Address of Director:-

| | | | |
|----------------------|---|---|--------------------|
| Name | : | Prof. Dr. Jayantrao Bhaurao Patil | |
| Designation | : | Director | |
| Qualification | : | Ph.D. (Computer Engineering), M. Tech. (Computer Science & Data Processing) | |
| Experience | : | Teaching: 35 Years | Industry: 01 Years |
| STD Code & Phone No. | : | 02563 - 259600 | |
| Fax No. | : | 02563 - 259801 | |
| Email | : | director@rcpit.ac.in, jbpatil@hotmail.com | |
| Mobile No. | : | 9923466699 | |

4) Name of affiliating University:-

| | | | | |
|-----------|---|---|----------|--------|
| Name | : | Dr. Babasaheb Ambedkar Technological University, Lonere | | |
| Address | : | Vidyavihar, Lonere, Tal-Mangaon, Dist-Raigad | | |
| Pin Code | : | 402103 | | |
| STD Code | : | 02140 | STD Code | 02140 |
| Phone No. | : | 275142 | Fax No. | 275142 |

5) Governance:-

- Members of Board and their brief background-**

| Sr.No. | Name of the Trustee | Designation | Background |
|--------|------------------------------------|-------------------|---------------|
| 1 | Mr. Amrishbhai Rasiklal Patel | President | Industrialist |
| 2 | Mr. Bhupeshbhai Rasiklal Patel | Managing Director | Industrialist |
| 3 | Mr. Rajgopal Chandulal Bhandari | Vice - President | Industrialist |
| 4 | Mr. Prabhakarrrao Tukaram Chavan | Secretary | Industrialist |
| 5 | Mr. Chintan Amrishbhai Patel | Director | Industrialist |
| 6 | Mrs. Jayashriben Amrishbhai Patel | Director | Industrialist |
| 7 | Mr. Babanlal Hiralal Agrawal | Director | Industrialist |
| 8 | Adv. Mr.Champalal Bansilal Agrawal | Director | Advocate |
| 9 | Mrs. Hiral Chintanbhai Patel | Director | Industrialist |

| | | | |
|----|----------------------------|----------|---------------|
| 10 | Mrs. Rima Tapanbhai Patel | Director | Industrialist |
| 11 | Mrs. Sneha Ankit Parekh | Director | Industrialist |
| 12 | Mrs. Disha Jaynish Desai | Director | Industrialist |
| 13 | Mr. Harshad Himmatlal Shah | Director | Industrialist |

• **Members of Governing Body**

| Sr. No. | Name of The Member | Position on Committee | Category |
|---------|--|-----------------------|--------------------------|
| 1 | Shri. Amrishbhai Rasiklal Patel President, Shirpur Education Society, Shirpur | Chairman | Industrialist |
| 2 | Shri. Bhupeshbhai Rasiklal Patel Managing Director, Shirpur Education Society , Shirpur | Member | Industrialist |
| 3 | Shri. Rajgopal Chandulal Bhandari Vice – President, Shirpur Education Society, Shirpur | Member | Industrialist |
| 4 | Shri. Prabhakar Rao Tukaram Chavan Secretary, Shirpur Education Society, Shirpur | Member | Industrialist |
| 5 | Shri. Chintanbhai Amrishbhai Patel Director, Shirpur Education Society, Shirpur | Member | Industrialist |
| 6 | Prin. Dr. Khanderao Baliram Patil Former Vice Chancellor, North Maharashtra University, Jalgaon | Member | Educationist |
| 7 | Prof. Dr. Jayantrao Bhaurao Patil Director, R C Patel Institute of Technology, Shirpur | Member Secretary | Ex-Officio |
| 8 | Prof. Dr. Pramod Jagan Deore Deputy Director, R C Patel Institute of Technology, Shirpur | Member | Teacher |
| 9 | Prof. Suhas Pandit Shukla Associate Professor, R C Patel Institute of Technology, Shirpur | Member | Teacher |
| 10 | Prof. Ulhas Dattatray Shiurkar Director, Deogiri Institute of Engineering & Management, Aurangabad | Member | University Nominee |
| 11 | Prof. Binod Kumar Kanaujia School of Computational & Integrative Sciences, Jawaharlal Nehru University, New Delhi | Member | UGC Nominee |
| 12 | Joint Director Technical Education, Regional Office, Nashik | Member | State Government nominee |

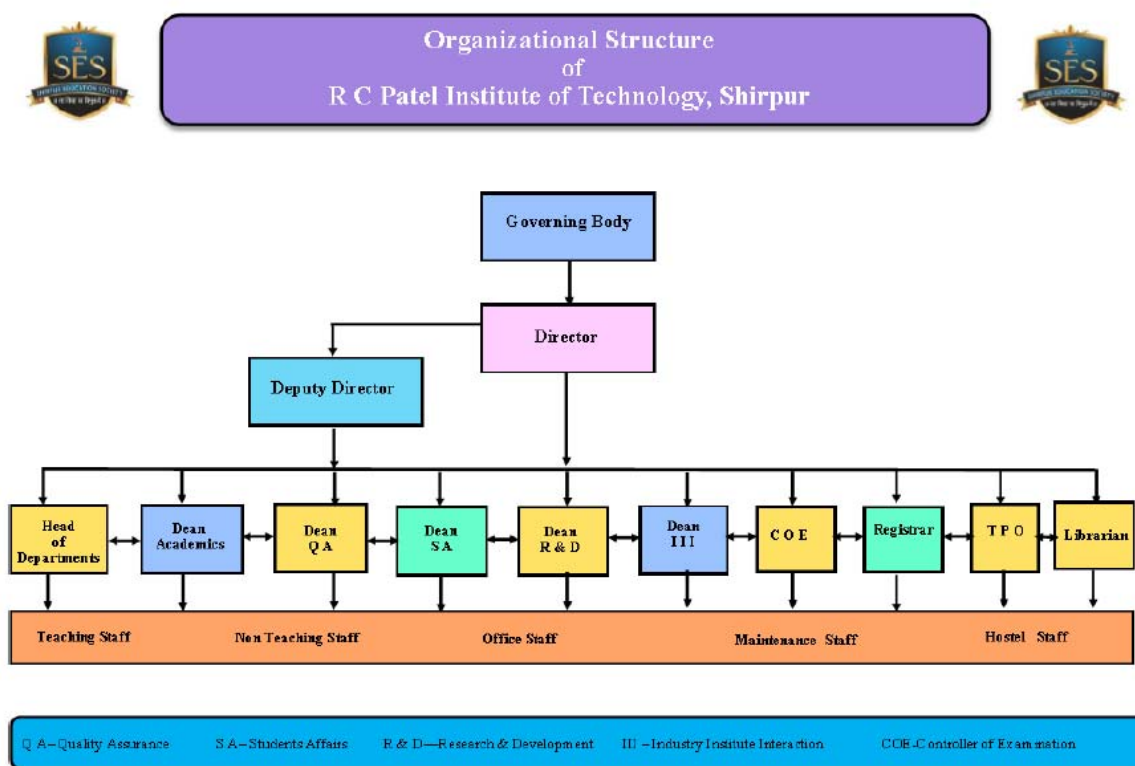
• **Members of Academic Advisory Body -**

| Sr. No. | Name of The Member | Designation | Category |
|---------|---|------------------|-----------------------------|
| 1 | Prof. Dr. Jayantrao Bhaurao Patil Director, R C Patel Institute of Technology, | Chairman | Director |
| 2 | Prof. Dr. Pramod Jagan Deore Deputy Director, R C Patel Institute of | Member Secretary | Deputy Director |
| 3 | Prof. Dr. Sharad Y. Mhaikar Pro-Vice Chancellor, NMIMS University, | Member | Educationalist |
| 4 | Prof. Dr. Sunil G. Bhirud Professor, VJTI Mumbai | Member | Educationalist |
| 5 | Mr. Pravin Raghunath Bhamre SAP Delivery Head, Tata Consultancy | Member | Industry Expert |
| 6 | Mr. Rajesh Raghunath Bhatwal Managing Director, Nitiraj Engineers Ltd, Dhule | Member | Industry Expert |
| 7 | Prof. Dr. Nitin Namdeo Patil Head, Department of Computer | Member | Teacher |
| 8 | Prof. Dr. Vijay Shrinath Patil Head, Department of Electrical | Member | Teacher |
| 9 | Prof. Pravin Laxamanrao Sarode Head, Department of Mechanical Engineering | Member | Teacher |
| 10 | Prof. Ganesh Vijay Tapakire Head, Department of Civil Engineering | Member | Teacher |
| 11 | Prof Dr. Satish Vasanttrao Desale Head, Department of Applied Science & Humanity | Member | Teacher |
| 12 | Prof. Pravin Ravindra Bhole Associate Professor, Department of Electronics and Telecommunication | Member | Teacher |
| 13 | Prof. Ujwala Manoj Patil Associate Professor, Department of Computer Engineering. | Member | Teacher |
| 14 | Prof. Sunil Vasudev Yeole Assistant Professor, Department of Mechanical Engineering | Member | Teacher |
| 15 | Prof. Bhushan Prataprao Patil Assistant Professor, Department of Electrical Engineering | Member | Teacher |
| 16 | Prof. Ulhas Shinde (CSMSS, Chh. Shahu College of Engineering, Aurangabad) | Member | Nominated by the University |
| 17 | Prof. Dr. Sanjay A. Khot (Sharad Institute of Technology College of Engineering, Ichalkaranji) | Member | Nominated by the University |
| 18 | Prof. A. W. Kiwalekar Professor, Department of Computer Engineering, Dr. B.A.T.U., Lonere | Member | Nominated by the University |

- **Frequently of the Board Meetings and Academic Advisory Body**

| S.N | Body | Frequency of Meetings |
|-----|--------------------------|---|
| 1 | Governing Body | 2 times in a year |
| 2 | Academic Council Members | 4 times in a year (two times in a semester) |

- **Organizational Chart and Processes**



- **Nature and Extent of Involvement of Faculty and Students in academic affairs/improvements**

Prof. Dr. J. B. Patil has worked as Dean Faculty of Engineering and Technology in affiliated university who has contributed his views and suggestions in curriculum updating and designing. Also, our faculty members served university in various capacities as BOS chairman and BOS members.

Most of the faculties contributed in syllabus framing, designing workshops and on evaluation Panel.

Many of the faculties are on university examination panel. Before redesigning syllabus, institute invites innovative ideas from students, alumni, parents and industries.

- **Mechanism/Norms and Procedure for democratic/good Governance**

Our institute has democratic culture in its premises. Institute has different committees in which staff as well as students are involved. Views of each committee members are accountable.

Feedback is regarding teaching learning obtained from the students and suitable action is taken whenever necessary. Exam related issues of students are very well handled by our exam department.

- **Student Feedback on Institutional Governance/Faculty Performance**

Students' feedback (evaluation) is taken through online mode for quick responses and to avoid favoritism. First feedback after one month of course commencement is taken through online software 'Vidyarthi Rai Pranali', developed by our students. Then after, feedback is conducted and analyzed periodically on every stage of students' academic years, semester wise and department wise. Exit Survey is conducted on the final year students at the end of Semester-VIII. The analysis of feedback and its outcome is communicated to concerned Heads, Deans and concerned faculty with suggestions and or appreciations. The feedback of the students are also considered for governing the curriculum enrichment and its successful delivery.

- **Grievance Redressal mechanism for faculty, staff and students**

(A) GRIEVANCE REDRESSAL CELL FOR EMPLOYEES

The Constitution of the Grievance Cell is as follows:

| Sr. No. | Name of Faculty | Position On Committee | Category |
|---------|--|---|---------------------|
| 1 | Prof. Dr. Jayantrao Bhaurao Patil Director, R C Patel Institute of Technology, Shirpur | Chairman | Director |
| 2 | Prof. Dr. Ujwala Manoj Patil | Member (Female) | Associate Professor |
| 3 | Prof. N. H. Aloorkar | Member (Senior Professor of the affiliating University) | Professor |
| 4 | Prof. A. W. Kiwalekar | Member (Official from University) | Assistant Professor |

Procedure for handling Grievances:

The individual can raise online grievance according to this procedure:

- The aggrieved employee may take up the grievance online, who must try to resolve the grievance at that level.
- In case the employee is not satisfied with the redressal of the grievance he/her may submit the grievance, in writing, to the Principal.
- The Director will record comments on the grievance form after making necessary enquiries and discuss with HOD.
- The employee who is not satisfied with the decision of the Director will have an option to appeal to Chairman with the detailed reasons for the appeal.

- The Chairman will take a decision and communicate the same and the decision will be final and binding.

(B) GRIEVANCE REDRESSAL CELL FOR STUDENTS

The Constitution of the online Grievance Cell is as follows:

| Sr. No. | Name of Faculty | Position On Committee | Category |
|----------------|--|---|---------------------|
| 1 | Prof. Dr. Jayantrao Bhaurao Patil Director, R C Patel Institute of Technology, Shirpur | Chairman | Director |
| 2 | Prof. Dr. Ujwala Manoj Patil | Member(Female) | Associate Professor |
| 3 | Prof. N. H. Aloorkar | Member (Senior Professor of the affiliating University) | Professor |
| 4 | Prof. A. W. Kiwalekar | Member (Official from University) | Assistant Professor |

Procedure for handling Grievances:

The students may feel free to put up a grievance online available on institute website.

- The Grievance Cell acts upon those cases which have been forwarded along with the necessary documents.
- The Grievance Cell assures that the grievance has been properly solved in a stipulated time limit provided by the cell.
- **Establishment of Anti ragging Committee**

The Constitution of the Anti-Ragging Committee is as follows:

| Sr. No. | Designation | Name | Associated With | Contact Number |
|----------------|----------------------------|--------------------------------------|------------------------|-----------------------|
| 1. | Head of Institute | Dr. Jayantrao B. Patil (Director) | Concerned Institute | 02563 259600 |
| 2. | Police Authority | Police Inspector, Shirpur | Police Administration | 02563 255022 |
| 3. | Civil Authority | Tahsildar, Tahsil Office, Shirpur | Civil Administration | 02563 255043 |
| 4. | Local Media Representative | Shri. Kishor J. Mali | Deshdoot Print Media | 7588001662 |
| 5. | NGO Representative | Shri. Yogesh N. Bhandari | Lions club 32382 | 9423191411 |

| | | | | |
|-----|--|---------------------------------|---------------------|------------------------------|
| 6. | Faculty Representative - Male | Prof. Suhas P. Shukla | Concerned Institute | 9822104148 |
| 7. | Faculty Representative - Female | Prof. Mrs. Amruta A. Bhandari | Concerned Institute | 9422750443 |
| 8. | Parent Representative -Male | Mr. Santosh Chagan Khatal | Concerned Institute | 8767572493 |
| 9. | Parent Representative -Female | Mr. Nandalal Ahirrao | Concerned Institute | 9421536353 |
| 10. | Student Representative- Male (Fresher) | Vishal Atul Patil | Concerned Institute | 7447628777 |
| 11. | Student Representative- Female (Fresher) | Miss Manswi Nandalal Ahirrao | Concerned Institute | 7887455021 |
| 12. | Student Representative- Male (Senior) | Shivang Vora | Concerned Institute | 9769922917 |
| 13. | Student Representative- Female (Senior) | Miss Sakshi Gajendra Girase | Concerned Institute | 9373181079 |
| 14. | Non- Teaching Representative-Male | Mr. Prashant T Mahajan | Concerned Institute | 9822190091 |
| 15. | Non-Teaching Representative- Female | Mrs. Archana D. Bhandarkar | Concerned Institute | 9881270340 |
| 16. | Rector-Boys Hostel | Mr. Parmanand S. Raghuvanshi | Concerned Institute | 9823489388 |
| 17. | Rector-Girls Hostel | Mrs. Bharti V. Borse | Concerned Institute | 9422233799 , 02563 256175 |

Anti-Ragging Squad:

| Sr. No. | Designation | Name | Contact Number |
|---------|-------------------|-----------------------------|----------------|
| 1 | Coordinator (COE) | Prof. Shukla Suhas Pandit | 9822104148 |
| 2 | Member | Dr. Desale Satish Vasantrao | 9767895395 |
| 3 | Member | Dr. Baviskar Vijay Shivaji | 7588814210 |
| 4 | Member | Dr. Bhandari Amruta Atul | 9422750443 |

• **Establishment of Online Grievance Redressal Mechanism**

Online Grievance Form (<https://www.rcpit.ac.in/iqac-and-academics-committee>)

Report your grievance by submitting the details required in the form

1. Your Name

2. Email ID

3. Mobile No.

4.

☐ Student ☐ Staff ☐ Parents ☐ Employer ☐ Others

5. Nature of Grievance

- Academic
- Non-academic
- Grievance related to Assessment
- Grievance related to Victimization
- Grievance related to Attendance
- Grievance related to Fees/Scholarship
- Grievance regarding conduction of examinations
- Harassment by colleague students or the teachers etc.
- Hygiene / Cleanliness
- College Timing
- Office work
- Hostel
- Library Facility
- Sports
- Canteen
- Training and Placement
- Other

6. Details of Grievance

- **Upload Document Related to Grievance:**

Submit

Upload

Procedure for handling Grievances :

Institute have provided an online portal (<https://tinyurl.com/wtafe7i>) facility where any aggrieved stakeholders like students, faculties and parents may submit an application seeking redressal of grievance. On receipt of an online complaint, the institution refer the complaint to the Student Grievance Redressal Committee, along with its comments within 15 days of receipt of complaint on the online portal. After receipt of the online complaint, the Student Grievance Redressal Committee fix a date for hearing the complaint which is communicated to the aggrieved stakeholders like students, faculties and parents. After the resolution of the complaint, the SGRC provide the copy of the order with signature to the stakeholders and the institution place it for general information on its website.

- **Establishment of Grievance Redressal Committee in the institution and the Appointment of OMBUDSMAN by the University**

As declared by the university DBATU, Lonere

- **Establishment of Internal Complaint Committee (ICC)**

The following staff members have been appointed on the **Internal Compliant Committee** for Prevention of Sexual Harassment of Women at Workplace and resolving issues pertaining to harassment of women at workplace,

| SN | Name of the Staff | Designation | Position in the committee |
|----|--|---------------------|---------------------------|
| 1 | Prof. Dr.Ujwala Manoj Patil Associate Professor, Department of Computer Engineering | Teacher | Presiding Officer |
| 2 | Dr. Jayashree Manoj Nikam | Gynecologist | Member |
| 3 | Prof. Dr. Shailaja Arjun Patil Associate Professor, Department of Electronics and Telecommunication Engineering | Teacher | Member |
| 4 | Prof. S. R. Shah Assistant Professor, Department of Data Science | Teacher | Member |
| 5 | Prof. Smital Dhanraj Patil Associate Professor, Department of Electronics and Telecommunication Engineering | Teacher | Member |
| 6 | Prof. Dr. Amruta Atul Bhandari Associate Professor, Department of Applied Science & Humanity | Social Worker | Member |
| 7 | Archana Dilip Bhandarkar | Technical Assistant | Member |
| 8 | Ms. Anu Jayesh Bhonge | Clerk | Member |

| | | | |
|----|------------------------|---------------------|--------|
| 9 | Sanika Vijay Joshi | Second Year Student | |
| 10 | Payal Satish Jadhav | Second Year Student | Member |
| 11 | Jagruti Suresh Salunke | Second Year Student | Member |

- **Establishment of committee for SC/ST**

Constitution of SC/ST Cell:

| Sr.No | Name of The Member | Category | Designation |
|-------|---------------------------------------|--|------------------------|
| 1 | Dr. Patil Jayantrao Bhaurao | Director | Chairman |
| 2 | Prof. Mahire Amit Rajendra | Assistant Professor, Department of Electrical Engineering | Member |
| 3 | Prof. Shinde Nitin Girdhar | Assistant Professor, Department of Mechanical Engineering | Member |
| 4 | Prof. Mairale Atul Deelip | Assistant Professor, Department of Computer Science and Engineering (Data Science) | Member |
| 5 | Prof. Mrs. Lanjewar Priyanka Devendra | Assistant Professor, Department of AIMLComputer Engineering | Member |
| 6 | Prof. S. Bhandare | Assistant Professor, Department of Computer Science and Engineering (Data Science) | Member |
| 7 | Mr. Bharat J. Pawara | Department of Mechanical Engineering | Student Representative |
| 8 | Miss. Vanashree R Nagarale | Department of Mechanical Engineering | Student Representative |
| 9 | Mr. Gaurav R. More | Department of Electrical Engineering | Student Representative |
| 10 | Mr. Nirmal A More | Department of Electrical Engineering | Student Representative |
| 11 | Mr. Piyush M Pawar | Department of Computer Science and Engineering (Data Science) | Student Representative |

- **Internal Quality Assurance Cell**

As per the new guidelines of National Assessment and Accreditation Council (NAAC) for creating of Internal Quality Assurance Cell (IQAC), (Version 5 Dated 12-01018 (23-05-2018)) the Institute has formed a committee as per the said guidelines. The following is the composition of IQAC.

| Sr. | Name Of The Member | Designation | Position |
|-----|------------------------------------|---------------------------------|------------------|
| 1 | Prof. Dr. Jayantrao Bhaurao Patil | Director | Chairperson |
| 2 | Prin. Dr. Khanderao Baliram Patil | Director, SES | Educationist |
| 3 | Shri. Prabhakarrrao Tukaram Chavan | Member | Local Society |
| 4 | Mrs. Sangita Rajendra Deore | Corporator | Local Society |
| 5 | Mr. Atul Rajgopal Bhandari | Industrialist | Industrialist |
| 6 | Shri. Manik Wani | Industrialist | Industrialist |
| 7 | Mr.Hrushikesh Dhande | Academic Relationship | Employer |
| 8 | Mr.Husain Johar | Founder & CEO, | Employer |
| 9 | Prof. Dr. Pramod Jagan Deore | Deputy Director & Head of | Member |
| 10 | Prof. Suhas Pandit Shukla | Controller of Examination | Member |
| 11 | Prof. Dr. Nitin Namdeo Patil | Head of Department of | Member |
| 12 | Prof. Dr. V. S. Patil | Head of Department of | Member |
| 13 | Prof. Pravin Laxamanrao Sarode | Head of Department of | IQAC Coordinator |
| 14 | Prof. Ganesh Vijay Tapakire | Head of Department of Civil | Member |
| 15 | Prof. Dr. Satish Vasantrao Desale | Head of Department of Applied | Member |
| 16 | Dr. Prashant Tukaram Mahajan | Administrative Officer | Member |
| 17 | Prof. Milkesh Pramod Jain | Training and Placement Cell | Member |
| 18 | Mr. Mahesh Deeliprao Sonawane | Library | Member |
| 19 | Prof. Ujwala Manoj Patil | Department of Computer | Member |
| 20 | Prof. Pravin Ravindra Bhole | Department of Electronics & | Member |
| 21 | Prof. Chetan Jaiprakash Chitte | Department of Civil Engineering | Member |
| 22 | Prof. Yogesh Kalidas Kirange | Department of Electrical | Member |

| Sr. | Name Of The Member | Designation | Position |
|-----|----------------------------------|-------------------------------|----------|
| 23 | Prof. Khatik Juber Ahamad Mo. | Department of mechanical | Member |
| 24 | Prof. Dr. Milind Suresh Sonawane | Department of Applied Science | Member |
| 25 | Miss.Sneha Haswani | Alumni, Department of | Member |
| 26 | Mr. Rakesh Rajput | Alumni, Department of | Member |

6) **Programmes:-**

- **Name of Programmes approved by AICTE**
Engineering and Technology

| SN | Level | Course | Approved Intake 2022-2023 |
|----|-----------------|---|------------------------------|
| 1 | UNDER GRADUATE | Computer Engineering | 180 |
| 2 | UNDER GRADUATE | Electronics & Telecommunication Engineering | 120 |
| 3 | UNDER GRADUATE | Mechanical Engineering | 60 |
| 4 | UNDER GRADUATE | Civil Engineering | 60 |
| 5 | UNDER GRADUATE | Electrical Engineering | 60 |
| 6 | UNDER GRADUATE | Computer Science & Engineering (Data Science) | 60 |
| 7 | UNDER GRADUATE | Artificial Intelligence & Machine Learning | 60 |
| 8 | POST GRADUATION | MCA (proposed from 2023-24) | 120 |

- **Name of Programmes accredited by NBA**

| |
|------------|
| NIL |
|------------|

- **Status of Accreditation of the Courses**

| SN | Level | Course | Status |
|----|----------------|---|---------|
| 1 | UNDER GRADUATE | Computer Engineering | Applied |
| 2 | UNDER GRADUATE | Electronics & Telecommunication Engineering | Applied |
| 3 | UNDER GRADUATE | Mechanical Engineering | Applied |
| 4 | UNDER GRADUATE | Electrical Engineering | Applied |

- **Total Number of Courses**

| SN | Level | Course | Approved Intake 2022-2023 |
|----|-----------------|---|------------------------------|
| 1 | UNDER GRADUATE | Computer Engineering | 180 |
| 2 | UNDER GRADUATE | Electronics & Telecommunication Engineering | 120 |
| 3 | UNDER GRADUATE | Mechanical Engineering | 60 |
| 4 | UNDER GRADUATE | Civil Engineering | 60 |
| 5 | UNDER GRADUATE | Electrical Engineering | 60 |
| 6 | UNDER GRADUATE | Computer Science & Engineering (Data Science) | 60 |
| 7 | UNDER GRADUATE | Artificial Intelligence & Machine Learning | 60 |
| 8 | POST GRADUATION | MCA (proposed from 2023-24) | 120 |

- **No. of Courses for which applied for Accreditation**

| SN | Level | Course | Status |
|----|----------------|---|---------|
| 1 | UNDER GRADUATE | Computer Engineering | Applied |
| 2 | UNDER GRADUATE | Electronics & Telecommunication Engineering | Applied |
| 3 | UNDER GRADUATE | Mechanical Engineering | Applied |
| 4 | UNDER GRADUATE | Electrical Engineering | Applied |

7) Faculty

- **Course / Branch wise Faculty Member Details**

| SN | Course / Branch | TOTAL Faculty |
|--------------|---|---------------|
| 1 | Computer Engineering | 28 |
| 2 | Electronics & Telecommunication Engineering | 20 |
| 3 | Mechanical Engineering | 20 |
| 4 | Civil Engineering | 12 |
| 5 | Electrical Engineering | 12 |
| 6 | Computer Science & Engineering (Data Science) (for SYBTetch, TYBTech) | 7 |
| 7 | Artificial Intelligence & Machine Learning (for SYBTetch) | 3 |
| 7 | Applied Science & Humanities | 19 |
| TOTAL | | 121 |

- **Permanent Faculty- 121**
- **Adjunct Faculty- -0**
- **Permanent Faculty: Student Ratio- 1 : 19.84**

8) Profile of Director-

| | | |
|---------------------------|---|--|
| • Name | : | Prof. Dr. Jayantrao Bhaurao Patil |
| • Date of Birth | : | 11/06/1963 |
| • Unique ID | : | 1-435909642 |
| • Education Qualification | : | Ph.D. (Computer Engineering), M. Tech. (Computer Science & Data Processing) |
| • Work Experience- | | |

| | | |
|--|---|--|
| • Teaching | : | 35 yrs. |
| • Research | : | 15 yrs. |
| • Industry | : | 1 yrs. |
| • Area of Specialization | : | Web Mining, Data Mining |
| • Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level | : | Web Engineering, Database Management System |
| • Research guidance (Number of Students) | : | 05- Completed; 03- Thesis Submitted; 03- Pursuing |
| • No. of papers published in National/ International Journals/ Conferences | : | International Journal – 29, International Conference – 23, National Conference - 02 |
| • Master (Completed) | : | Yes |
| • Ph.D. (Completed) | : | Yes |
| • Projects Carried out | : | 06 |
| • Patents (Filed & Granted) | : | 05 |
| • Technology Transfer | : | 01-(Granted) |
| • Research Publications (No.of papers published in National/International Journals/Conferences) | : | International Journal – 29, International Conference – 23, National Conference - 02 |
| • No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc | : | 01 – “An Integrated prefetching and caching Approach- for ‘Web Browsers / Web Proxies’, ISBN: 978-3-639-71656-6 Publishers – Scholars’ Press, Germany Year of Publication - 2014 |

9) Fee

| | | |
|---|---|--|
| • Details of Fee, as approved by State Fee Committee, for the Institution | : | As per Fee Regulating Authority, Mumbai 2022-2023- Rs. 1,15,000/- (TOTAL FEE), for 2023-2024 proposal is submitted. |
| • Time schedule for payment of Fee for the entire Programme | : | The Fee payment pattern is Yearly |
| • No. of Fee waivers granted with amount and name of students | : | 30 Seats |
| • Number of scholarship offered by the Institution, duration and amount | : | For Students admitted through CAP (Govt. Quota) the scholarship (fee reimbursement is available as per Department of Social Welfare, State Government |
| • Criteria for Fee waivers/scholarship | : | As per State Government following scheme – |

| | | |
|---|---|--|
| | | <ul style="list-style-type: none"> • Higher & Technical Education Department • Social Justice & Special Assistance Department • VJNT, OBC & SBC Department • Tribal Development Department |
| • Estimated cost of Boarding and Lodging in Hostels (2023-2024) | : | Boys' Hostel- Annual Charges – 26000/- Food charges as applicable |
| | : | Girl's Hostel- Annual Charges – 24000/- Food charges as applicable |
| • Any other fee please specify | : | NA |

10) Admission

| | | | | | |
|--|---|---|---------|---------|---------|
| • Number of seats sanctioned with the year of approval | : | 600 seats | | | |
| • Number of Students admitted under various categories each year in the last three years (First to Final Year) | : | Category | 2022-23 | 2021-22 | 2020-21 |
| | | OBC | 1245 | 1275 | 1254 |
| | | SC | 91 | 103 | 103 |
| | | ST | 44 | 67 | 71 |
| | | NT/VT | 239 | 259 | 226 |
| | | SBC | 59 | 64 | 68 |
| | | EBC | 328 | 354 | 329 |
| Total | | | 2006 | 2122 | 2051 |
| • Number of applications received during last two years for admission under Management Quota / against CAP | : | 2021-2022 – 92 application received 2022-2023 – 122 application received | | | |

11) Admission Procedure

| | | |
|--|---|--|
| • Mention the admission test being followed, name and address of the Test Agency/State Admission Authorities and its URL (website) | : | Admission to First Year Engineering and Direct Second Year Engineering is conducted by State CET Cell, Maharashtra State, Mumbai |
| • Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test etc.) | : | AIEEE- 15% CET – 85% |
| • Calendar for admission against Management/vacant seats: | | |
| • Last date of request for applications | : | |

| | | |
|---|---|---|
| • Last date of submission of applications | : | As per the guidelines issued by State CET Cell, Maharashtra State, Mumbai |
| • Dates for announcing final results | : | |
| • Release of admission list (main list and waiting list shall be announced on the same day) | : | |
| • Date for acceptance by the candidate (time given shall in no case be less than 15 days) | : | |
| • Last date for closing of admission | : | |
| • Starting of the Academic session | : | As per State CET Cell, Maharashtra State, Mumbai |
| • The waiting list shall be activated only on the expiry of date of main list | : | As per the guidelines issued by State CET Cell, Maharashtra State, Mumbai |
| • The policy of refund of the Fee, in case of withdrawal, shall be clearly notified | : | As per Rules & Regulations of State CET Cell, Maharashtra State, Mumbai |

12) Criteria and Weightages for Admission-

| | | |
|--|---|---|
| • Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc. | : | As per Rules & Regulations of State CET Cell, Maharashtra State, Mumbai |
| • Mention the minimum Level of acceptance, if any | : | |
| • Mention the cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years | : | Available on State CET Cell, Maharashtra State, Mumbai online portal (fe2022.mahacet.org) |
| • Display marks scored in Test etc. and in aggregate for all candidates who were admitted | : | Available on State CET Cell, Maharashtra State, Mumbai online portal (fe2022.mahacet.org) |

13) List of Applicants

| | | |
|--|---|---|
| • List of candidate whose applications have been received along with percentile/percentages core for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats (merit wise) | : | Available on State CET Cell, Maharashtra State, Mumbai online portal (fe2022.mahacet.org) |
|--|---|---|

14) Results of Admission Under Management seats/Vacant seats

| | | |
|---|---|--|
| • Composition of selection team for admission under Management Quota with the brief profile of members (This information be | : | Director, Senior faculty and Registrar Criteria of selection: |
|---|---|--|

| | | |
|---|---|---|
| made available in the public domain after the admission process is over) | | Merit Basis on CET & JEE Score |
| • List of candidate who have been offered admission | : | Available on Institute Website / Notice board |
| • Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate | : | Available on Institute Website / Notice board |

15) Information of Infrastructure and Other Resources Available

| • Number of Class Rooms and size of each | : | <table><tr><th>Nos. of Class Room</th><th>Min. Size in Sq.M.</th></tr><tr><td>31</td><td>66</td></tr></table> | | Nos. of Class Room | Min. Size in Sq.M. | 31 | 66 | | | | |
|---|--------------------|---|--|----------------------|--------------------|---------------------|-------|------------|-----|----------|--------------|
| Nos. of Class Room | Min. Size in Sq.M. | | | | | | | | | | |
| 31 | 66 | | | | | | | | | | |
| | | | | | | | | | | | |
| • Number of Tutorial rooms and size of each | : | <table><tr><th>Nos. of Tutorial</th><th>Min. Size in Sq.M.</th></tr><tr><td>8</td><td>33</td></tr></table> | | Nos. of Tutorial | Min. Size in Sq.M. | 8 | 33 | | | | |
| Nos. of Tutorial | Min. Size in Sq.M. | | | | | | | | | | |
| 8 | 33 | | | | | | | | | | |
| • Number of Laboratories and size of each | : | <table><tr><th>Nos. of Laboratories</th><th>Min. Size in Sq.M.</th></tr><tr><td>53</td><td>66</td></tr></table> | | Nos. of Laboratories | Min. Size in Sq.M. | 53 | 66 | | | | |
| Nos. of Laboratories | Min. Size in Sq.M. | | | | | | | | | | |
| 53 | 66 | | | | | | | | | | |
| • Number of Drawing Halls with capacity of each | : | <table><tr><td>Drawing Hall</td><td>Size in Sq.M</td></tr><tr><td>DH-1</td><td>141</td></tr><tr><td>DH-2 (CAD)</td><td>173</td></tr><tr><td>Capacity</td><td>(60 Student)</td></tr></table> | | Drawing Hall | Size in Sq.M | DH-1 | 141 | DH-2 (CAD) | 173 | Capacity | (60 Student) |
| Drawing Hall | Size in Sq.M | | | | | | | | | | |
| DH-1 | 141 | | | | | | | | | | |
| DH-2 (CAD) | 173 | | | | | | | | | | |
| Capacity | (60 Student) | | | | | | | | | | |
| • Number of Computer Centres with capacity of each | : | <table><tr><td>Computer Centres</td><td>Size in Sq.M</td></tr><tr><td>1</td><td>230.0</td></tr></table> | | Computer Centres | Size in Sq.M | 1 | 230.0 | | | | |
| Computer Centres | Size in Sq.M | | | | | | | | | | |
| 1 | 230.0 | | | | | | | | | | |
| • Central Examination Facility, Number of rooms and capacity of each | : | <table><tr><td>Examination Room</td><td>Size in Sq.M</td></tr><tr><td>Exam Control office</td><td>320.0</td></tr></table> | | Examination Room | Size in Sq.M | Exam Control office | 320.0 | | | | |
| Examination Room | Size in Sq.M | | | | | | | | | | |
| Exam Control office | 320.0 | | | | | | | | | | |
| • Online examination facility (Number of Nodes, Internet bandwidth, etc.) | : | Available, No. of Node – 748, 550 mbps | | | | | | | | | |
| • Barrier Free Built Environment for disabled and elderly persons | : | Yes (Lift Facility , Ramp ,Wheel chairs, PH Toilets, priority sitting etc) | | | | | | | | | |
| • Fire and Safety Certificate | : | Available | | | | | | | | | |
| • Hostel Facilities | : | Available | | | | | | | | | |

• Library

| | | |
|---|---|--|
| • Number of Library books/ Titles/ Journals available(Programme-wise) | : | Volumes -36188 Titles- 5349 |
| • List of online National/ International Journals subscribed | : | 54 & DELNET-E-J- 37847; N-List – E-J- 3537 |
| • E- Library facilities | : | 1) DELNET |

| | | |
|--|---|---------------------|
| | | 2) N-List 3) NDL |
| • National Digital Library(NDL) subscription details | : | Yes (2014) |

• **Laboratory and Workshop**

| SN | Course | Name of the Laboratory | Lab / Major Equipments |
|----|--|------------------------|--|
| 1 | Artificial Intelligence And Machine Learning | AI & ML- 1 | HP Pro One 400 (Qty 20)+EPSON LX300+ (Qty1)+6KVA Emerson UPS |
| 2 | Artificial Intelligence And Machine Learning | AI & ML- 2 | HP Pro One 400 (Qty 20)+EPSON LX300+ (Qty1) |
| 3 | Artificial Intelligence And Machine Learning | AI & ML- 3 | HP Pro One 400 (Qty 20)+EPSON LX300+ (Qty1)+6KVA Emerson UPS |
| 4 | Artificial Intelligence And Machine Learning | AI & ML- 4 | HP Pro One 400 (Qty 20)+EPSON LX300+ (Qty1) |
| 5 | Computer Engineering | CE L - 13 | Dell Optiplex 390 (Qty 20)+HP1020 Printer (Qty1)+6KVA Emerson UPS |
| 6 | Computer Engineering | CE L- 11 | Dell Optiplex 3010 (Qty 20)+HP1020 Printer (Qty1) |
| 7 | Computer Engineering | CE L- 16 | IOT Lab- Auduino Kits, Rspberry Pi, Node MCU, Zigbee Module |
| 8 | Computer Engineering | CE L-1 | Dell Optiplex 390 (Qty 20)+HP1020 Printer (Qty1)+10KVA Emerson UPS |
| 9 | Computer Engineering | CE L-10 | Dell Optiplex 390 (Qty 20)+HP1020 Printer (Qty1)+10KVA Emerson UPS |
| 10 | Computer Engineering | CE L-12 | Dell Optiplex 390 (Qty 5) + LPC2148 ARM7+ARM9 |
| 11 | Computer Engineering | CE L-14 | HP Pro One 400 (Qty 20)+EPSON LX300+ (Qty1)+6KVA Emerson UPS |
| 12 | Computer Engineering | CE L-15 | HP Pro One 400 (Qty 20)+EPSON LX300+ (Qty1)+6KVA Emerson UPS |
| 13 | Computer Engineering | CE L-2 | Dell Optiplex 390 (Qty 20)+HP1020 Printer (Qty1)+10KVA Emerson UPS |
| 14 | Computer Engineering | CE L-3 | HP Pro One 400 (Qty 20)+HP 1020 Printer (Qty1)+6KVA Emerson UPS |
| 15 | Computer Engineering | CE L-4 | HP Pro One 400 (Qty 20)+HP 1020 Printer (Qty1)+6KVA Emerson UPS |
| 16 | Computer Engineering | CE L-5 | HP Pro One 400 (Qty 20)+EPSON LX300+ (Qty1)+6KVA Emerson UPS |
| 17 | Computer Engineering | CE L-6 | HP Pro One 400 (Qty 20)+EPSON LX300+ (Qty1)+6KVA Emerson UPS |
| 18 | Computer Engineering | CE L-7 | DELL Optiplex 3010 (Qty 20)+EPSON LX 310+6KVA UPS |
| 19 | Computer Engineering | CE L-8 | Digital IC Tester, Power Supply, Function Generator, CRO |

| | | | |
|----|---|---|---|
| 20 | Computer Engineering | CE L-9 | XPO-85 Microprocessor kit with smps & k/b, Microcontroller kit, AD-DA Kit, Stepper motor, 8085 simu |
| 21 | Civil Engineering | CV-1 CONCRETE TECHNOLOGY | Universal testing Machine, Compressive Testing m/c, Los Angel Apperatus |
| 22 | Civil Engineering | CV-2 TESTING OF MATERIAL / SURVEY STORE | Abrasion, Flectural Test, Isod Charpy Test, Models & Charts Theodolite, autolevel, digital planimet |
| 23 | Civil Engineering | CV-3 GEO TECHNICAL ENGINEERING | Triaxial Shear Test, California Bearing Ratio, Permiability Apperatus |
| 24 | Civil Engineering | CV-4 FLUID MECHANICS CIVIL | Hydraulic Flume, Wind Tannel, Bernoulles theorem Apperatus |
| 25 | Civil Engineering | CV-5 ENVIRONMENTAL ENGINEERING | COD, BOD, DO Test, Pycno meter, chemical required for physical chemical biotegical test on water. |
| 26 | Civil Engineering | CV-6 GEOLOGY LAB+ MODEL /CHART | Rocs/Mineral Samples CIVIL ENGG MODEL AND CHARTS, DRAWING BOARDS |
| 27 | Civil Engineering | CV-7 COMPUTER LAB | COMPUTERS AND UPS |
| 28 | Civil Engineering | CV-8 ENGG. MECHANICS | Engineering Mechanics equipments |
| 29 | Computer Science And Engineering (Data Science) | DS L- 1 | HP Pro One 400 (Qty 20)+EPSON LX300+ (Qty1)+6KVA Emerson UPS |
| 30 | Computer Science And Engineering (Data Science) | DS L- 2 | HP Pro One 400 (Qty 20)+EPSON LX300+ (Qty1) |
| 31 | Computer Science And Engineering (Data Science) | DS L- 3 | HP Pro One 400 (Qty 20)+EPSON LX300+ (Qty1)+6KVA Emerson UPS |
| 32 | Computer Science And Engineering (Data Science) | DS L- 4 | HP Pro One 400 (Qty 20)+EPSON LX300+ (Qty1) |
| 33 | Computer Science And Engineering (Data Science) | DS L- 5 | HP Pro One 400 (Qty 20)+EPSON LX300+ (Qty1)+6KVA Emerson UPS |
| 34 | Computer Science And Engineering (Data Science) | DS L- 6 | HP Pro One 400 (Qty 20)+EPSON LX300+ (Qty1) |
| 35 | Electrical Engineering | EECL-06 COMPUTER | All Computers and its accessories |
| 36 | Electrical Engineering | EEL-01-ELECTRICAL MACHINES | AC Machines & DC Machines |
| 37 | Electrical Engineering | EEL-02-HIGH VOLTAGE | 1. Corona cage without Transformer |

| | | | |
|----|--|---|--|
| 38 | Electrical Engineering | EEL-03-MICROPROCESSOR & P.E. | Basic 8085 kit(6),ADC Interface card (3),Stepper motor interfacing card (2),Power Scope Scientech (2 |
| 39 | Electrical Engineering | EEL-04-ELECTRICAL ENGINEERING MATERIALS & PROJECT | Power Scope, Multimeter, function generator, Megger, Earth tester kit,High voltage testing kit , 1. |
| 40 | Electrical Engineering | EEL-05-CONTROL SYSTEM | PID Controller,DC Position Control System,AC Servomotor" |
| 41 | Electrical Engineering | EEL-07-ELECTRICAL MEASUREMENT & NETWORK ANALYSIS | CT Testing Kit , PT Testing Kit , Inductive load, Digital LCR Q Meter , CRO, |
| 42 | Electrical Engineering | EEL-08-ELECTRICAL DRIVES , POWER SYSTEM & SWITCHGEAR PROTECTION | 1.PE-10 D.C.Motor speed controller using Single phase fully & half controlled converter (Microcontro |
| 43 | Electronics And Telecommunications Engineering | EL-1 ELECTRICAL MACHINE | Setup for DC Motor Load test, Induction motor, DC motor generator set, 3 Ph. Synchronous motor |
| 44 | Electronics And Telecommunications Engineering | EL-2 MICROPROCESSOR | Embedded System ARM7 Kits, 16F877 based PIC development boards, Basic 89V51RD2 Kits, XPO 85 Anshuman |
| 45 | Electronics And Telecommunications Engineering | EL-3 PHYSICS LAB | Spectrometer, microameter, Thermometer, Solar cell kit, Ultrasonic Inteferometer, Sound Meter, CRO |
| 46 | Electronics And Telecommunications Engineering | EL-4 CONSUMER ELECTRONICS/ELECTRONIC MEASUREMENT | Color TV, Fax, modem, CD, tape recorder trainer, Spectrum Analyzer, Frequency Counter, Distortion Me |
| 47 | Electronics And Telecommunications Engineering | EL-5 PROJECT LAB | Digital Storage Oscilloscope, PCB lab equipments (DIP coating machine, UV ray exposers unit, artwork |
| 48 | Electronics And Telecommunications Engineering | EL-6 DIGITAL ELEX / ADVANCED COMMUNICATION LAB | Analog & Digital Communication Trainers, Satellite Communication Trainer, 100Mhz CRO, 10 MHz AM/FM G |
| 49 | Electronics And Telecommunications Engineering | EL-7 RESEARCH LAB (VLSI / DSP) | Logic Analyzer, Xilinx Software, CPLD, FPGA boards, OHP, Matlab license, IoT experiment boards, |
| 50 | Electronics And Telecommunications Engineering | EL-8 ELECTRONIC CIRCUIT/NETWORK LINES-POWER ELECTRONICS LAB | Scientech Power Scope, Power Electronics Trainer Kits, 20MHz CRO, 3MHz signal generator, Table top D |

| | | | |
|----|------------------------|---|---|
| 51 | Mechanical Engineering | ME- L1-MATERIAL SCIENCE & METALLURGY & MECHANICAL VIBRATION | Universal Testing Machine,Rockwell and Rockwell Superficial Hardness Testing Machine, Brinell Hardne |
| 52 | Mechanical Engineering | ME- L2- REFRIGERATION & AIR CONDITIONING &TRIBOLOGY | Refrigeration plant, Ice plant, A. C. Rig, Bearing apparatus,Thrust Bearing apparatus, Friction & We |
| 53 | Mechanical Engineering | ME- L3-HEAT TRANSFER & THEORY OF MACHINES | Stefan-Boltzmann's, Metal Rod,pinfin apparatus, Forced & Natural Conention,Heat Exchanger,Emissivity |
| 54 | Mechanical Engineering | ME- L4-FLUID MECHANICS | Bernoulli's Apparatus ,Venturimeter and orifice meter,Sharp edge circular orifice-Mouthpiece ,Reynol |
| 55 | Mechanical Engineering | ME- L5- TURBOMACHNINAR Y | Pelton Turbine Test Rig, Francis Turbine, Kaplan Turbine Test Rig. |
| 56 | Mechanical Engineering | ME- L6- METROLOGY & QUALITY CONTROL | Depth Guage, Optical Flat, Tool Makers Microscope, Surface roughness tester, Profile Projector, Auto |
| 57 | Mechanical Engineering | ME- L7- I C ENGINE /APPLIED THERMODYNAMICS | "Air Compressor, Exhaust gas analyzer, Bomb Calorimeter, 4-S Stroke, Single Cylinder Petrol Engine wi |
| 58 | Mechanical Engineering | ME- L8-CAD/CAM | HP Pro One 400 (Qty 48)+Scanner LIDE 120 (Qty1)+ Projector Epson (Qty 2) + 6KVA Emerson UPS (Qty 2) |
| 59 | Mechanical Engineering | Drawing Hall | |
| 60 | Mechanical Engineering | Workshop | |
| 61 | Mechanical Engineering | Additional Workshop | |
| 62 | Mechanical Engineering | Language lab | |
| 63 | MCA – Computer Lab | | |
| 64 | MCA – Computer Lab | | |

- Computing Facilities**

| | | |
|--------------------------------------|---|--|
| • Internet Bandwidth | : | 550 mbps |
| • Number and configuration of System | : | Number – 714 Core i3 500GB HDD 4 GB RAM |

| | | |
|---|---|--|
| • Total number of system connected by LAN | : | Number – 714 |
| • Total number of system connected by WAN | : | Number – 714 |
| • Major software packages available | : | Rational Rose, Oracle, Matlab, Visual Studio |
| • Special purpose facilities available (Conduct of online Meetings/Webinars/Workshops, etc.) | : | Intel panel Smart board, Projectors, Zoom Meeting, Microsoft Team |
| • Facilities for conduct of classes/courses in online mode (Theory & Practical) | : | Intel panel Smart board, Desktop (AIO) Computers with inbuild Camera |
| • Innovation Cell | : | Available |
| • Social Media Cell | : | Available |
| • Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions | : | Available |

• **List of facilities available**

| | | |
|---|---|-----------|
| • Games and Sports (indoor) Facilities | : | Available |
| • Extra-Curricular Activities | : | Available |
| • Soft Skill Development Facilities | : | Available |
| • Auditorium | : | Available |
| • Play ground | : | Available |
| • Potable drinking water (RO with cooler) | : | Available |
| • CCTV and security | : | Available |
| • Parking | : | Available |
| • Hostel (Boys & Girls) | : | Available |

• **Teaching Learning Process**

Curriculum and Syllabus for each of the Programmes as approved by the university

R.C. Patel Institute of Technology is an autonomous institute with effect from 2020-21. It is affiliated to DBATU, Lonere and follows curriculum prescribed by the University for T.Y. and B.Tech batches. Institute curriculum delivery follows very systematic approach to develop and deploy action plans for effective implementation of the curriculum. At the start of every academic year, Institute prepares academic calendar for first year and second year while for third year and final year affiliating university gives a tentative academic calendar mentioning start and end of the semester, holidays, internal examinations, practical / oral examination dates and end semester examination.

Process of effective implementation of curriculum Teaching Practices

- At the beginning of every semester, each teacher prepares calendar of individual teacher activities which includes start and end date of each unit for every subject. University syllabus prescribes the number of lectures required for each unit, accordingly teacher prepares his/her unit wise teaching plan. Every subject teacher has to complete the unit before the start of Continuous Assessment (CA) of that unit.
- Each teacher also identifies the course outcomes of each unit.
- For practicals, teacher prepares batch wise practical plan. In addition to the practicals prescribed by the university, some extra practicals are also conducted to enhance students knowledge.
- Laboratory manuals are provided to students at the start of the semester.
- For active teaching and learning, apart from chalk and board method, teacher adopt some innovative ICT based methods like use of Power Point Presentation (PPT), audio, video, lab sessions, formative feedback, think-pair-share and project based learning. These methods encourage students to actively participate in learning process. Teachers also use quizzes, NPTEL videos, QEEE and MOOCs lectures for conduction of course.
- During lecture conduction, each teacher maintains the day wise record of planned topic, actual covered topic and references used to cover the topic. HODs monitors the overall progress of teaching learning process on weekly basis.
- Class teacher and class co-ordinator monitor the class activity.
- Feedback from students is analyzed to improve the teaching learning process. If required, necessary corrective actions are taken accordingly.

Internal Continuous Evaluation System and place

- Institute conducts two tests as Term test-1 and Term test-2 throughout the semester for autonomous batches i.e. FY B. Tech. and SY B. Tech Detailed schedule about these tests is given to students at the start of the semester.
- Whereas for T.Y. and B.Tech batches institute conducts three test as Continuous Assessment-1, Continuous Assessment-2 and Mid Semester Examination throughout the semester as per academic calendar of affiliated university. Detailed schedule about these tests is given to students at the start of the semester.
- Each subject teacher prepares exhaustive question bank on every unit inline bloom's taxonomy. While finalizing these questions previous university exam question papers are referred.
- Result analysis of every test is carried out and accordingly corrective actions are taken. For slow learners, remedial classes are conducted by respective subject teacher. Along with remedial coaching, toppers monitoring is also carried out to give special guidance to toppers.

Student's assessment of faculty, System in Place

At the end of each semester, feedback is collected from students. The collected feedback is summarized and the consolidated report is sent to Principal. The faculties with average and poor feedback are counseled by Director in the presence of HOD.

Teachers also assess the students through various mechanisms such as regular interaction with students, assignments, daily attendance and internal tests.

For the effective implementation of the Academic system, the following feedback methods are adopted.

- Direct Feedback from Students: Each Section of the department has a Class Committee consisting of students, class teacher and HOD. Students are invited to express their views on various subjects, pedagogical methods and academic environment of the department.
- Interactive Feedback: Director and HOD interact with students directly in the absence of teachers for unbiased feedback covering performance of teachers, coverage of syllabus etc.
- Online Feedback: The consolidated feedback of all subjects is collected online and analyzed by HOD.

- For each Post Graduate Courses give the following: NA
- Special Purpose

| | | |
|--------------------------------------|---|--|
| • Software, all design tools in case | : | |
| • Academic Calendar and framework | : | |

- Academic Calendar and framework-



| DATE | Feb 2023 | Mar 2023 | April 2023 | May 2023 | June 2023 | DATE |
|------|----------------|---------------------|----------------------|---------------------------|----------------------|------|
| 1 | | | Term Test 1 | Maharashtra Day | | 1 |
| 2 | | | SUNDAY | | | 2 |
| 3 | | | | | | 3 |
| 4 | | | Mahavir Jayanti | | SUNDAY | 4 |
| 5 | SUNDAY | SUNDAY | | Buddh Purnima | | 5 |
| 6 | Teaching Start | | | | | 6 |
| 7 | | Dhulivandan | Good Friday | SUNDAY | | 7 |
| 8 | | | | | | 8 |
| 9 | | | SUNDAY | | | 9 |
| 10 | | | | | | 10 |
| 11 | | | | | SUNDAY | 11 |
| 12 | SUNDAY | SUNDAY | | | Start of Theory Exam | 12 |
| 13 | | | | Term Test 2 | | 13 |
| 14 | | | Dr. Ambedkar Jayanti | SUNDAY | | 14 |
| 15 | | | | | | 15 |
| 16 | | | SUNDAY | | | 16 |
| 17 | | | | | | 17 |
| 18 | Mahashivratri | | | | SUNDAY | 18 |
| 19 | SUNDAY | SUNDAY | | | | 19 |
| 20 | | | | Teaching End & Submission | | 20 |
| 21 | | | | SUNDAY | | 21 |
| 22 | | Gudi Padwa | Ramzan Eid | | | 22 |
| 23 | | | SUNDAY | | End of Theory Exam | 23 |
| 24 | | | | | | 24 |
| 25 | TechFest | National Conference | | Start of Practical Exams | SUNDAY | 25 |
| 26 | SUNDAY | SUNDAY | | | | 26 |
| 27 | | | | End of Practical Exams | | 27 |
| 28 | | | | SUNDAY | | 28 |
| 29 | | | Mid Sem Exam | | Bakari Eid | 29 |
| 30 | | Ramnavami | SUNDAY | | | 30 |
| 31 | | | | | | 31 |

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

Final Year Enrolment Details -

| | | | |
|-----------|---|-----------|-------------|
| 2022-2023 | : | Male: 401 | Female: 187 |
| 2021-2022 | : | Male: 426 | Female: 168 |
| 2020-2021 | : | Male: 478 | Female: 214 |

Placement Details (offers)

| | | | |
|-----------|---|-----------|-------------|
| 2021-2022 | : | Male: 298 | Female: 160 |
| 2020-2021 | : | Male: 411 | Female: 202 |
| 2019-2020 | : | Male: 277 | Female: 141 |

17) List of Research Projects/ Consultancy Works-

- Number of Projects carried out, funding agency, Grant received

| Name of the Project/ Endowments, Chairs | Name of the Principal Investigator/C o-investigator | Department of Principal Investigator | Year of Award | Amount Sanctioned | Duration of the project | Name of the Funding Agency |
|---|---|---|---------------|-------------------|-------------------------|----------------------------|
| Machine Learning and Its Applications | Dr. Mahesh Bhimsham Dembrani | Department of Electronics and Telecommunication | 2020-21 | 3 Lakh | 1 Year | AICTE-ISTE |
| Implementation of Computer Aided Diagnosis System Using Machine Learning Techniques for Tribal Area | Mr. Pankaj Eknath Kasar | Computer Engineering | 2020-21 | 3 Lakh | 1 Year | DBATU, Lonere |

- Publications (if any) out of research in list three years out of masters projects

Research Paper Publications in Journal

| Sr. No | Dept | 2021-22 | 2020-21 | 2019-20 | Total |
|--------------|---------------------------------|-----------|-----------|-----------|-----------|
| 1 | Computer Engineering | 0 | 0 | 20 | 20 |
| 2 | Electronics & Telecommunication | 4 | 3 | 10 | 17 |
| 3 | Mechanical Engineering | 3 | 10 | 7 | 20 |
| 4 | Civil Engineering | 2 | 7 | 5 | 14 |
| 5 | Electrical Engineering | 0 | 3 | 3 | 6 |
| 6 | Humanities | 3 | 2 | 11 | 16 |
| Total | | 12 | 25 | 56 | 93 |

Research Paper in Conference

| Sr. No | Dept | 2021-22 | 2020-21 | 2019-20 | Total |
|--------------|---------------------------------|----------|-----------|-----------|-----------|
| 1 | Computer Engineering | 0 | 2 | 1 | 3 |
| 2 | Electronics & Telecommunication | 0 | 1 | 3 | 4 |
| 3 | Mechanical Engineering | 3 | 5 | 5 | 13 |
| 4 | Civil Engineering | 3 | 13 | 6 | 22 |
| 5 | Electrical Engineering | 0 | 3 | 3 | 6 |
| 6 | Humanities | 0 | 3 | 12 | 15 |
| Total | | 6 | 27 | 30 | 63 |

• MoUs with Industries

| MoU & Industry Linkage | Name of Company | Year of Signing |
|--|--|-----------------|
| Association with TCS | TCS Ltd | 2007-08 |
| Automation Engineering Program | Teknocrat's Academy of Automation & Control Technology (TAACT) | 2012-13 |
| Aptitude Training and Soft Skills Training Program | Innovations Unlimited Training Services, Bangalore | 2012-13 |
| Faculty Teaching Skill Development Program | WIPRO, Mission 10X | 2012-13 |
| Scholarship Program (SC/ST) Students | CMC Limited | 2013-14 |
| Consultancy Project Training | SVKM NMIMS | 2013-14 |
| Training on Technical Skills | Trak Computers | 2013-14 |
| Personalized Counselling | Career Kundali, Pune | 2014-15 |
| CCNA | Seed Infotech, Pune | 2014-15 |
| Aptitude Training and Soft Skills Training Program | SCOUT Technologies Pvt. Ltd, Pune | 2014-15 |
| Remote Internship | Persistent, Pune | 2014-15 |
| Academic and Consultancy work for social Benefit | Shree Satyasai Seva, Dhule | 2014-15 |
| Aptitude Training and Soft Skills Training Program | CPLC, Mumbai | 2015-16 |
| Training and Placement Activity | Pehla Job, Mumbai | 2015-16 |
| Campus Recruitment Platform Provider | Vibrant Minds Technologies, Pune | 2015-16 |
| Autocad, Revit course training | CADD Centre Training Services Pvt Ltd, Pune | 2015-16 |
| SAAS Training | SVKM NMIMS | 2015-16 |
| Academic and Consultancy work for social Benefit | ISKON Shirpur | 2015-16 |

| | | |
|---|---|---------|
| Internship, Remote Assignment and Placement Program | Shirpur Constructions | 2015-16 |
| Autocad, Revit Architecture | CADD Centre Training Services Pvt Ltd, Pune | 2016-17 |
| Internship, Remote Assignment and Placement Program | Dataserve Infotech Pvt Ltd, Pune | 2016-17 |
| Japanese N-5 Level | English-Nihongo-German Language Institutes (Engell), Aurangabad | 2016-17 |
| Internship, Remote Assignment, Campus Placement Program, Expert Talk, Participation in Syllabus Revision, Workshop for students & faculty | Mold-Tek Technologies Ltd, Nashik | 2016-17 |
| Android | Pehla Job, Mumbai | 2016-17 |
| Internship Opportunity in different Soft. & Core companies | Rao Associates, Mumbai | 2016-17 |
| Industrial Visite, Guest Lectures, Campus Interview, Participation in syllabus revision, Workshop-Seminar Conduction & Faculty training Program | Sai Infocorp Solutions Pvt Ltd | 2016-17 |
| PLC & SCADA | Sofcon India Pvt. Ltd, New Delhi | 2016-17 |
| Remote Assignments for students, Expert Talk, Industry Visit, Students Workshop/Faculty Workshop | Patil Structural Consultants, Indore | 2016-17 |
| Internship, Remote Assignment and Placement Program | MCB Core Infotech Pvt Ltd | 2017-18 |
| Resume Building and Preparation | CVDragon India | 2017-18 |
| Internship, Remote Assignment and Placement Program | Bakeri Group Ahemdabad | 2017-18 |
| Internship, Remote Assignment and Placement Program | Arete Technology | 2017-18 |
| Project Based Learning | Guruji Foundation | 2017-18 |
| Innovation center support | TCS DISQ | 2017-18 |
| Assessment of students | Cocubes | 2018-19 |
| Assessment of students | Amcat | 2018-19 |
| Internship, Remote Assignment and Placement Program | Stuctech Consultant | 2018-19 |
| Internship, Remote Assignment, Campus Placement Program, Expert Talk, Participation in Syllabus Revision, Workshop for students & faculty | Shalaka Pvt Ltd | 2019-20 |
| Internship, Remote Assignment, Campus Placement Program, Expert Talk, Participation in Syllabus Revision, Workshop for students & faculty | Konark Global Pvt Ltd | 2019-20 |
| Internship, Remote Assignment, Campus Placement Program, Expert Talk, Participation in Syllabus Revision, Workshop for students & faculty | Avadhoot Heat Pvt Ltd. | 2019-20 |
| Internship, Remote Assignment, Campus Placement Program, Expert Talk, Participation in Syllabus Revision, Workshop for students & faculty | Association of Friends of Japan | 2019-20 |

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| Internship, Remote Assignment, Campus Placement Program, Expert Talk, Participation in Syllabus Revision, Workshop for students & faculty | Raj Hans Fabrications India Pvt Ltd | 2019-20 |
| Internship, Remote Assignment, Campus Placement Program, Expert Talk, Participation in Syllabus Revision, Workshop for students & faculty | Yatin Industry Pvt Ltd | 2019-20 |
| Internship, Remote Assignment, Campus Placement Program, Expert Talk, Participation in Syllabus Revision, Workshop for students & faculty | R3 Solutions Pvt Ltd | 2019-20 |
| Soft skill training | Gnosis Plus | 2019-20 |
| Campus Recruitment Training support | Campus Credential LLP | 2020-21 |
| Technical Training CSR Initiative of RPG | Zensar Technology | 2020-21 |
| Soft skill training CSR Initiative of Barclays | GTT India Pvt Ltd | 2020-21 |
| Technical Training CSR Initiative of IBM SkillsBuild | Reacha Foundation | 2020-21 |
| Soft Skills Training | Evloving X LLP | 2020-21 |
| Technical training CSR Initiative of Atos Syntel | GTT India Pvt Ltd | 2020-21 |
| Technical training CSR Initiative of Tata Group | Tata Strive | 2020-21 |