YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	R. C. PATEL INSTITUTE OF TECHNOLOGY, SHIRPUR
• Name of the Head of the institution	Prof. Dr. Jayantrao Bhaurao Patil
• Designation	Director
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	02563259600
• Alternate phone No.	02563259600
• Mobile No. (Principal)	9923466699
• Registered e-mail ID (Principal)	director@rcpit.ac.in
• Address	Near Nimzari Naka, Shahada Road, Shirpur
• City/Town	Shirpur Dist: Dhule
• State/UT	Maharashtra
• Pin Code	425405
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	22/12/2020
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**	
• Name of the IQAC Co-ordinator/Director	**Prof. Pravin Laxmanrao Sarode**	
• Phone No.	**02563259600**	
• Mobile No:	**8788376738**	
• IQAC e-mail ID	**pravinsarodercpit@gmail.com**	
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.rcpit.ac.in/files/AQAR-2020-2021-uploaded(1).pdf	
4.Was the Academic Calendar prepared for that year?	**Yes**	
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.rcpit.ac.in/files/RCPIT-Academic-Calender-2021-22(1).pdf	

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.18**	**2017**	**30/10/2017**	**31/12/2025**

6.Date of Establishment of IQAC	**15/10/2015**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
NIL	**NIL**	**NIL**	**Nil**	**NIL**

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	View File	

9.No. of IQAC meetings held during the year	**4**
• Were the minutes of IQAC meeting(s) and	**Yes**

compliance to the decisions taken uploaded on the institutional website?		
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Did IQAC receive funding from any funding agency to support its activities during the year?	**No**	
• If yes, mention the amount		

11.Significant contributions made by IQAC during the current year (maximum five bullets)

* Implementation of Autonomy System (Structure, Syllabus, BoS, Committee, Exam System) * Started new courses in emerging trends like Artificial Intelligence & Machine Learning * Review placement activities of AY 2021-22 and action plan of AY 2022-23. * Effectively implementation of ERP software and organizing staff training on different ERP Modules. * Organizing sport and heath awareness programs.

12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
Admission: All seats in UG programmes should be filled up.	**Target almost achieved**
To aim of improving passing percentage of students	**Target almost achieved**
NSS activities	**NSS Camp arranged at nearby village**
To arrange or promote FDP programs to update employee skills for Teaching, Non-teaching faculties.	**In meeting teaching/non-teaching staff were motivated to participate in FDP to learn new skills. Also Teachers and students were encourage to increase research publication. In results of witch different programs organized in institute under TEQIP and number and quality of research publication is increased.**
To review and approve different operational and functional committees of Autonomy.	**Following committees were approved in Autonomy with minor changes. Academic Council, Finance Committee, Board of Studies, IQAC and Academics Committee, Research Committee, Grievance Redressal Cell, Anti-Ragging Committee, Sexual Harassment Committee / Internal Complaints Committee, SC/ST Cell, Training and Placement Cell, Career Counselling Committee, Admission Committee, Cultural Committee, Sports Committee Library Committee, Social Activities Committee, DSR Committee, Purchase Committee, Discipline Committee, Ladies Hostel Committee and Food Committee, Examination Committee, Boy's Hostel Committee and Food Committee, Students Volunteer Committee, Planning and Evaluation**

	Committee, Extra-Curricular Committee, Student Welfare Committee, Academic Audit Committee. Dr. R. B. Wagh is new Head of department of Computer Science & Engineering (Data Science).
To approve structure and syllabus of all UG courses; also finalize academic calendar of AY 2021-22	Syllabus and structure of UG Course is approved and it is decided to make academic collaborate with Dwarkadas J. Sanghvi College of Engineering. Academic Calendar for AY 2020-21 is approved.
To conduct annual stock verification and staff appraisal.	In meeting faculties were instructed to carried out annual stock verification and maintain DSR. Also faculties were instructed to verify API.
Research and development	More number of good quality of publication, Filing patents based on research
To set new strategies for placements and employability under T&P cell.	760 offers with 419 unique students were placed in reputed companies with average salary of 3.65 lakh
FDPs/ Seminars by faculties	Number of FDPs/Seminars attended by faculties to cope up with latest technologies
Publications for faculties	Journal papers, books and conference publications were published by faculties
Research enrollment	Almost all faculties are enrolled for PhD and some of them have finished their PhD

13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Board of Management	05/09/2022

14.Was the institutional data submitted to AISHE ? — **Yes**

- Year

Year	Date of Submission
2021-22	15/12/2022

15.Multidisciplinary / interdisciplinary

In view of NEP 2020, RCPIT, Shirpur has taken steps towards the multidisciplinary/interdisciplinary courses. Courses such as Universal Human Values, Professional and Business Communication, Constitution of India, Environmental Studies, Employability Skill Development Program, Minor courses are conducted for the students.

16.Academic bank of credits (ABC):

RCPIT, Shirpur is an autonomous institute academically affiliated to DBATU, Lonere and has the credit based system. Faculties are actively participating in the syllabus designing of their courses at institute level. For assessment of the courses, faculties define the assessment tools and design the assignments, tests, quizzes for assessment of the students.

17.Skill development:

RCPIT, Shirpur has introduced Employability Skill Development Program (ESDP) in the curriculum from Second year to last year students to improve their soft skills and Aptitude. Various expert lectures, training sessions, Add-on Courses and employability enhancement activities are conducted for overall development and placement support.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Institute celebrated traditional day on 4 May on the occasion of Maharashtra day. Maharashtra day was celebrated with different performances of students on Indian tradition to know Indian culture.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

RCPIT, Shirpur has well defined Program Outcomes (PO), Program Specific Outcomes (PSO) and Program Education Objectives (PEO) for each program. The POs, PSOs and PEOs are satisfied through the teaching-learning process and the additional programs conducted at the Institute. As the part of curriculum, each course has defined Course Outcomes (CO) which are mapped to POs and PSOs. Assessment tools are designed considering the requirements of POs. The activities and programs are organized in the Institute to achieve POs. At the end of the semester, analysis of PO, PSO attainment is done by each department.

20.Distance education/online education:

RCPIT, Shirpur is an autonomous institute academically affiliated to DBATU, Lonere. As per the guidelines of University, all lectures and practicals are conducted in physical mode. During covid-19 pandemic, the institute has adopted the change from classroom teaching to blended learning. Institute has licence copies of Zoom meeting software for course conduction. Each course contents are available on Moodle including syllabus, PPTs and notes. The assessments of the courses are done through online assignments, quizzes. The MCQ tests are conducted using Moodle platform.

Extended Profile

1.Programme

1.1   **7**

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1   **2453**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2   **573**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3   **2453**

Number of students who appeared for the examinations conducted
by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1   **346**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2   **123**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1	**7**
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1	**2453**
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	View File

2.2	**573**
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3	**2453**
Number of students who appeared for the examinations conducted by the institution during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1	**346**
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 Number of full-time teachers during the year:	**123**

File Description	Documents
Institutional Data in Prescribed Format	[View File]()

3.3 Number of sanctioned posts for the year:	**123**

4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**437**
4.2 Total number of Classrooms and Seminar halls	**24**
4.3 Total number of computers on campus for academic purposes	**542**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**47,70,203**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The Institute has the systematic procedure for development, revision and implementation of curriculum of all the departments to fulfill local and global needs. while developing t curriculum many factors considered such as syllabus of various reputed universities, model curriculum prescribed by AICTE and the Program Specific Outcomes of professional bodies

The initial draftof the curriculum is prepared by discussions with various stakeholders. The proposed curriculum is then discussed in DAB (Department Advisory Board) and is put forth to BOS (Board of Studies) where the experts from industry, academia, Alumni in addition to senior faculty members. The curriculum is then placed for approval during the Academic Council (AC)..

File Description	Documents
Upload additional information, if any	**No File Uploaded**
Link for additional information	https://www.rcpit.ac.in/student-corner

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

5

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	**No File Uploaded**

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

14

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	**No File Uploaded**
MoUs with relevant organizations for these courses, if any	View File
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

1

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

0

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	No File Uploaded

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

As a part ofcurriculum at second year Constitution of India and Universal Human Rights courses are conducted and at third year level Environmental studies and Professional and Business Communication are conducted.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

6

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	No File Uploaded
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

1156

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

316

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni   B. Any 3 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.rcpit.ac.in/files/Stakeholder's-Feedback-Report.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following   **B. Feedback collected, analysed and action taken**

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.rcpit.ac.in/files/Stakeholder's-Feedback-Report.pdf
Any additional information	No File Uploaded

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

2453

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

346

File Description	Documents
Any additional information	**No File Uploaded**
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Based on the qualifying examination, common entrance test data of admitted student and also from every internal test and ESE through analysis, slow learners and advanced learners are is carried out thoroughly and slow learners are identified, respective subject teacher conducts remedial classes for such students. After every test, subject expert gives feedback of evaluated answer paper to each student. Separate classes are conducted for the backlog students. For advanced learners - Every year top ten students are identified and they are nurtured by teachers specifically allotted for them. Students are encourage to enroll for add on courses offered under QEEE, MOOCs. During the conduction of tutorials, the number of problems solved and difficulty level is slightly more for top division students. They are encouraged to take part in different contests floated by industries and renowned institutes like E-Baja, M-Baja, Mega ATV contest, TCS Code vita, TCS Game On, Sparkle by KPIT Cummins, IIT Technical Fest. Institute provides platform to students by which they can interact and experiment with current technologies used in industries. (e.g. eYantra lab for robotics, Wipro lab for embedded system)

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/06/2021	**2453**	**123**

File Description	Documents
Upload any additional information	[View File]()

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

Following are few innovative practices which are adopted by the institution: 1. The institute has its own academic calendar in line with the university academic calendar. Various activities are planned accordingly. 2. The lesson plans are prepared by the teaching faculty to ensure the effective delivery and plan the systematic teaching-learning processes. 3. The implementation of teaching plan and students' attendance is regularly monitored by Class coordinator, local guardian and Head of Department and regular efforts are made to inform the students and parents. 4. Institute have well-equipped digitized library with access to e journal and NPTEL learning resources, Delnet, National Digital Library (NDL) and direct access to the library resources for independent learning. 5. Accesses to on-line journals are made available for staff and students to learn the latest research and developed techniques in engineering. 6. Repository of seminar /project reports in the library for the reference of students and faculty. 7. Infrastructure for ICT enabled teaching and learning for interactive learning. e.g. MOODLE. 8. Ample computer facility with 155MBps internet connection and wi fi connectivity for fast and precise access of information forindependent and interactive learning. 9. Provision of language lab makes the students good at English communication. 10. Organize various workshops for faculty to learn and adopt various interactive learning techniques such as flip class room, think pair share implementation, project-based learning, use of analogy, role play etc.

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional Information	**Nil**

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Teachers effectively use ICT tools. The number of ICT enabled

classrooms are 30. The institute has local chapter of NPTEL courses. Institute also has tie up with NMIMS Shirpur for Coursera. Students as well as faculty are always encouraged to upgrade knowledge in the respective domains. Institute is using online platform for resource sharing as well as conduction of quizzes, mcq based exams even before pandemic situation. Students and faculty regularly avails MOOC platforms. Animations, simulations are used in the teaching to simplify complicated models. Students and faculty are familiar withvarious ICT based technology like MOODLE, Teams, ZOOM, Google, smart board etc for effective teaching learning process.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.rcpit.ac.in/virtual-class-room-labs
Upload any additional information	No File Uploaded

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

109

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	No File Uploaded

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Preparation and Adherence of Academic Calendar: The institution prepares the academic calendar every year in advance. The coverage of academic calendar covers the list of examination dates, seminars, conferences, guest lectures, workshops and industrial visits holidays, vacation dates, festivals, etc. Academic calendar provides the total effective working days available in a given semester. Then the director and senior colleagues prepare the time table by correlating the working days available and coverage of curriculum of the courses. Thus the academic calendar monitors the effective delivery of the program with academic inputs.

Preparation and Adherence of Teaching Plan: The concern faculties prepare teaching plan for their respective courses of theory, practicals and tutorials. These teaching hours are distributed among class room teaching, case studies, role play, workshops and lab session as per the course requirements. These plans are made in advance and serves as guide for conducting sessions. The director and HODs check the progress of each course and ensures timely and effective completion of course in the specified time frame with perfect blend of practical and theoretical inputs.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

123

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	[View File](#)
List of the faculty members authenticated by the Head of HEI	**No File Uploaded**
Any additional information	**No File Uploaded**

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

3

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	[View File](#)
Any additional information	**No File Uploaded**

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1384

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	**No File Uploaded**

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

45

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	**No File Uploaded**

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

174

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	**No File Uploaded**

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

A student shall be evaluated for his / her academic performance in a course through various components (CA, MSE and ESE for theory courses while CA and ESE for laboratory courses) as specified in curriculum structure. Transparent Internal Assessment - a) It is expected that the teacher would conduct at least two formal assessments of the students under the continuous assessment mode

in a Semester. b) The teacher will announce at the beginning of the respective course the method of conducting the assessments under the continuous mode and the assignment of marks and inform the same to the Director- Academics or Dean in University or Principal/HoD in affiliated college in the first week of the semester. The same maybe also displayed on the University/ College Portal. c) The teacher shall keep the record of the continuous assessment of a class at least for three years and produce it to the Principal of the college or Director-Academics, if needed. d) In-semester performance of all students, both continuous assessment and mid-semester examination should be displayed on notice board as well on College / University Portal and sent to the academic office of the University/ College by the teacher before the end-semester examination. e) For the theory courses, there will be one Mid-semester test for each course to be held as per the schedule fixed in the Academic Calendar of the University/college, preferably in the eighth week of the semester for at least 50% syllabus. Duration of MSE shall be one hour.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

The institute has clearly stated Programme Outcomes and Course Outcomes of the programmes offered. The Vision and Mission statements are displayed on the college website as well as in college campus. These outcomes have been set, taking into account the variety of programmes and the heterogeneity of rural and urban students. The Course Outcomes are also mentioned in the syllabi prescribed to each class. In the beginning of every academic year the programme outcomes are verbally communicated to the students by teachers. They are also displayed on college website. All these outcomes are explained to students in the classrooms directly or indirectly. www.rcpit.ac.in

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File](#)
Upload any additional information	**No File Uploaded**
Link for additional Information	https://www.rcpit.ac.in/electronics-and-telecommunication-engineering-peopos

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The Programme outcomes and course outcomes are evaluated by the institution and the same are communicated to the students in the formal way of the discussion in the classroom. The program outcomes are assessed with the help of course outcomes of the relevant courses through direct and indirect methods. Direct methods are provided through direct examinations or observations of student knowledge or skills against measurable course outcomes. The knowledge and skills described by the course outcomes are mapped to specific problems on University Examination, internal exams and home assignment. At the end of each semester, university conducts examinations based on the result published by university the course outcomes are measured. To ensure that students have achieved desired level of competenciesin each course, three internal tests are conducted. To evaluate, whether corresponding COs are achieved or not, According to the performance of the student in answering each question, mapping is carried out with the respective COs for assessing the attainment level of the specific CO of the subject.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

573

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	[View File](#)
Upload any additional information	**No File Uploaded**
Paste link for the annual report	**Nil**

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://forms.gle/tFq88SDSoKU4NAfV7

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The institute has well developed research labs in Computer Engineering and Electronics and Telecommunication department. The institute also has well established research committee in place. This Committee encourages the faculty members to prepare research proposals, interdisciplinary research, product design and development, publications in reputed journals and national and international conferences. In order to encourage the participation of faculty members in these activities, the institute offers various facilities including financial support. The institute provides plagiarism check for the research papers written by faculty members at free of cost. Every faculty member will have an annual assessment based on contribution in academic and research domain. To nurture the research aptitude among faculty members, the institute has proposed career advancement scheme. Through this scheme, the faculty members get promoted to higher post or higher grade pay based on the research activity did by him/her.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.rcpit.ac.in/research-committee
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	No File Uploaded
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	No File Uploaded
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	**No File Uploaded**
List of projects and grant details	**No File Uploaded**
Any additional information	**No File Uploaded**

3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**
List of research projects during the year	**No File Uploaded**

3.2.3 - Number of teachers recognised as research guides

13

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<u>View File</u>
Institutional data in Prescribed format	<u>View File</u>

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

0

File Description	Documents
Supporting document from Funding Agencies	**No File Uploaded**
Paste link to funding agencies' website	**Nil**
Any additional information	**No File Uploaded**

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

- **The Institution provides a facilitative environment for promotion of Innovation and Incubation. All required facilities are provided and Guidance is extended to the students. Necessary support is provided for Documentation, Publication of Research Papers and also for obtaining patents.**
- **Organized workshops, seminars and guest lectures on Entrepreneurship for students of our institute. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field.**
- **Incubation Center is started to facilitate students to convert their ideas into Technological Innovations. Students are provided facilities to build prototypes useful for society particularly in tribal area.**
- **Workshops on emerging trends in Technology are held for both teachers and students to encourage them to gain hands on experience and better Industrial Exposure.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

24

File Description	Documents
Report of the events	**No File Uploaded**
List of workshops/seminars conducted during the year	<u>View File</u>
Any additional information	**No File Uploaded**

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software   **B. Any 3 of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	<u>View File</u>
Any additional information	**No File Uploaded**

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

10

File Description	Documents
URL to the research page on HEI website	**Nil**
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<u>View File</u>
Any additional information	<u>View File</u>

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

35

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

11

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

296

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	No File Uploaded

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

2.92

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

9.09

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	[View File](#)
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	No File Uploaded
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The sport week celebrated by the NSS unit of SES society R.C.Patel Institute of Technology, Shirpur. In this pandemic the importance of health because health is wealth. Under NSS unit sport week celebrated for all teaching and non-teaching staff. To make staffs more energetic and strong so college has made arrangement for

games and sports. All staff enthusiastically participated in different sport games like Chess, Badminton. Table tennis, cricket, cycling, carom, football, volley ball etc.

The winners were awarded with prizes and goodies. The sport week celebration is inaugurated by Hon .Chairman Rajgopalji Bandari and were present Director Prof. Dr. J.B.Patil sir, Deputy Director Prof. Dr. P.J. Deore sir, all heads of the department, NSS officer Prof. Dr. M.R.Patil, The sport week started at morning 6.00 AM. The first sport competition was cycling all sport activities were happened as per schedule. From sports like Carrom, Chess, Table Tennis, cycling, Bad- Marathon, Foot Ball, Marathon, Kabbadi, Kho-Kho, Volley Ball, around 192 actively participated from R. C Patel institute of Technology, Shirpur

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

11

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	No File Uploaded
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

6

File Description	Documents
Reports of the events organized	View File
Any additional information	No File Uploaded

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

823

File Description	Documents
Reports of the events	View File
Any additional information	No File Uploaded

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

2

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

15

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	No File Uploaded

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

RCPIT is associated with Amrita University for the infra-structural set-up of E-learning. RCPIT is recognized as anodal

remote centreby IIT Bombay where workshops and seminars are broadcasted live through CDEEP. A computer center occupying area of 300 sq. mtr. serves as a central facility. Center comprises of a server room having eight servers, two IBM servers for database, a Web server, a Linux server, Library server and a Domain server. All the terminals and computer Labs are connected through high speed networking with AVAYA Technology and Cisco switches. A Firewall unit also exists for monitoring and controlling network traffic. All the terminals are provided with Internet connectivity by Leased Line with 200 Mbps with 1:1 ratio. 100 Computers are connected with 200 Mbps. Apart from all licensed softwares, the center is also equipped with visual aids. The central library covers ground area of about 612 sq. mtr. with seating capacity of 150 students. The library is divided into; 170 sq mtr. reading zone, 325 sq. mtr. stacking area and 117 sq. mtr. issuing area. Air conditioned auditorium withcapacity of 300 audience, serves as hall for seminars, guest lectures. Itis has very powerful audio system, LCD projector.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.rcpit.ac.in/computer-center

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

Basic recreation and sports facilitiesare made available to the students which provide homely atmosphere that strengthen the feeling of belongingness.The rooms are spacious enough for students to stay and study in comfort. Keeping in mind, 'Health is wealth', a health and entertainment club is made available with the facilities like mini theater, coffee shop, party lawn, gym equipments, swimming pool, yoga room and indoor games for students.

The College has a spacious ground for outdoor sports, with the ground being modified for specific sports. The College has a tie-up with external agencies (Shirpur Cricket Association, Municipal Council) to enable students to participate in sports like cricket, swimming, lawn tennis, and badminton.

For indoor games we have a facility for table tennis, carom, badminton and chess. The open ground is used for kho-kho, kabaddi,

volleyball, basketball, football, hockey, cricket, ball badminton soft ball and Yoga. Our College staff also provides its expertise to theUniversity sports body. The activities of the Sports are governed by the Principal with the assistance of the Gymkhana Chairman, Teaching, Non-Teaching Staff and student representatives. Bus facilities are organized directly from the hostels to the college at subsidized rates.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://www.rcpit.ac.in/sports

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

35

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

180.38988

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Name of ILMS software - MasterSoft (LIBMAN)

Nature of automation - Fully

Version- -

Year of automation - 2017

LIB-MAN is a highly integrated, user-friendly and compatible system for complete computerization of all the in-house operations of any size or type of library. The library management software is intuitive, efficiently and compliant. Lib-Man is embedded with multilingual fonts, Barcode & QR Code fonts. The software developed in consultation with prolific senior library professionals, is currently being used by as many as 500 libraries.

M-OPAC:-

100% assurance for import of other library software data into LIB-MAN. Mark standard data import/export. Book data fetching from ISBN site and Google API saves data entry time. Supports EBook uploading & reading. Follows all library latest standards such as Marc 21, library congress standards, AACR2. Reports / data export to word, excel, PDF, text.Fully secured & maintenance free.Fully documented user manual.Best backup and recovery.Reports on laser/inkjet printers. Lib-Man is embedded with multilingual fonts, Barcode & QR Code fonts. Print barcode using barcode printer like Argox, TSC, etc. It supports all latest technologies which include cloud hosting, smartphone, tablets, SMS, email, UHF RFID, payment gateway, etc.It also supports smart phone app forbook search - MOPAC.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	<u>https://libcloud.mastersofterp.in/Homepage/Index/ESTllyGqcvY=</u>

4.2.2 - Institution has access to the following:
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources   **A. Any 4 or more of the above**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	[View File](#)
Upload any additional information	[View File](#)

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

6.65

File Description	Documents
Audited statements of accounts	[View File](#)
Any additional information	[View File](#)
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	[View File](#)

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

130

File Description	Documents
Upload details of library usage by teachers and students	[View File](#)
Any additional information	**No File Uploaded**

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

R. C. Patel Institute of Technology, Shirpur has always updated its IT infrastructure to meet the latest trend in IT in terms of computational power required for students and ease of teaching learning process. Computers have been upgraded to "All in One" models with inbuilt webcam and speaker microphone setup for video conferencing and interactive teaching learning. WIFI has been upgraded from basic small office home office setup (SOHO) to State

of the Art Enterprise mesh WIFI from reputed brand CISCO which provides seamless connectivity across entire campus without dropping off. Furthermore projectors have been upgraded to smart interactive panels with inbuilt computer with well-equipped hardware to sustain installation of complex programs and help aid teaching learning be it on windows platform or android platform.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2465	**542**

File Description	Documents
Upload any additional information	**No File Uploaded**

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

762.53

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

State of the art Laboratory & equipment: Library - Library infrastructure up gradation, Functional Furniture and fittings for e-learning

Sports, Hostel & Canteen: Developing sports (indoor/outdoor) facilities, Hobby clubs, Canteen & community centre, Additional Hostels facility for boys & Girls within the campus

Teaching- Learning Infrastructure: Smart Class rooms: Smart boards, Multi-room instructional facility, Multimedia and support equipment, E-Learning facilities, Laboratory- R&D Equipment

Books & E-Learning: Books, Journals, Periodicals, Magazines, Online access to E-media, Departmental library books

Library & Information Centre: CCTV, Resources automation & Access (24X 7), Digitization of Library resources, Establishing cloud based e-library & online access

Industry- Institute Relationships: Strengthen placement, training and industry institute interaction cell, MoUs & NDA with potential

industries/companies.

Leverage Industry Resources: Invite industry experts for guest lecturers, partner with industry for syllabus reviews, Leverage for internships, research projects, consultancy & placements.

Research, Development and Innovation: Enhancing R&D laboratories in all departments, Modernisation and removal of obsolescence of laboratories,

MOU with premier institutes/R&D labs:Collaborations with IITs, ISRO, DRDO, WIPRO etc. Multi & inter disciplinary research.

Incubation Centre /Product Development: Encourage "idea to product" pre-incubation activities, Establishing incubation centres, Focus on Product development, Startup of maker Space (Fab Lab) – Product and development

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.rcpit.ac.in/education-interactions

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

2118

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	No File Uploaded

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://www.rcpit.ac.in/training-courses
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

1856

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for

A. All of the above

**submission of online/offline students'
grievances Timely redressal of grievances
through appropriate committees**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

419

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

03

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State

government examinations) during the year

0

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

71

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Institute encourages active participation of students through student councils. Student council is formed in the institute as per the university resolution 1994/Act 40/ 2B. The members are selected as per university rules and regulation, from each class. Initially first two students are called who are the toppers from each class and from each branch. After selection of members, one of the students is nominated for General Secretary (GS) and one of the girl students is nominated for Ladies Representative (LR). Similarly, the selection of Cultural committee and sports committee coordinators has been selected, But every nomination requires support of two students from the elected members. After GS, LR, Sports coordinator is elected and other members are appointed as Class Representative of concern department. This student council actively works for different activities conducted in the institute like blood donation camp, tree plantation drive, annual gathering, etc. University Representative is elected at university level from the representative of different colleges by conducting election. Also from the selected university representatives one member is selected as a President of university student council and another member as secretary on university level student council. NSS activity for students was

started in institute from AY 2018-19. In NSS includes students from 10 students from Second Year and 10 students from Third Year are selected from every branch. NSS team has a capacity of total 100 students. Many social activities such as tree blood donation, tree plantation, swachchta abhiyaan etc. were performed under NSS.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.rcpit.ac.in/iqac-and-academics-committee

5.3.3 - Number of sports and cultural events / competitions organised by the institution

13

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	**No File Uploaded**

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

Our alumni are connected to RCPIT using social media, so RCPIT initiate this process, we form a group of alumni on Whatsapp, Google, create Facebook/LinkedIn pages and make a strong network. Through networking and professional development opportunities, alumni often participate in and benefit from career insights and advice from other alumni and career professionals with the college. RCPIT has big alumni networks and they are working in various fields in market. So, we request them to share some real time projects on which they are working currently or small part of their project as a task to students. So that students get chance to know about what is happening in market. RCPIT alumni working in good companies helping with exploring campus recruitment via connecting with their HR team, also by sharing referral and walk in drives post and opportunities. RCPIT alumni many times come forward to share their knowledge and experience during placement

season and project based learning activities. RCPIT alumni is also helping in by suggesting latest syllabus and curriculum design as per industry trends and requirements to bridge the gap. Alumni Affairs Cell conducts its many online/offline session with alumnus where the alumnus talked about her experience and learnings. Lot of interaction, many positive inputs and a strategy learnt by students during the sessions.

https://www.facebook.com/groups/rcpitalumini

https://www.linkedin.com/school/ses's-r.c.patel-institute-of-technology-shirpur/people/

https://www.instagram.com/rcpitshirpur/

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year

D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Vision :-

To achieve excellence in engineering education with strong ethical values.

Mission :-

- To impart high quality Technical Education through:
- Innovative and Interactive learning process and high quality, internationally recognized instructional programs.
- Fostering a scientific temper among students by the means of

a liaison with the Academia, Industries and Government.
- Preparing students from diverse backgrounds to have aptitude for research and spirit of Professionalism.
- Inculcating in students a respect for fellow human beings and responsibility towards the society

The governance of the institution is reflective:

The empowered team of the college involves Director, Dy..Director, and Coordinators of different committees, Teaching-staff, IQAC committee, non-teaching and supporting staff, student representative (C.R.), Stakeholders, Alumni and local management committee. The principal monitors the mechanism regarding administration and academic process. It also ensures proper functioning of the policies, rules and action-plans of the college. There are many committees to support the vision and mission of the college. For example, these are Examination cell, NSS, and counseling cell, library and sports committee, cultural committee, internal examination committee, anti-ragging committee, college-magazine committee, disciplinary committee, scholarship committee, grievance redressal committee, etc. All the committees take its responsibility for the plans and activities, and successfully tackles these responsibilities in every academic session.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.rcpit.ac.in/about-us, https://www.rcpit.ac.in/fees-structure, https://www.rcpit.ac.in/online-payment-of-fee, https://www.rcpit.ac.in/details-of-phd-student-enrollment-etc-engineering, https://www.rcpit.ac.in/virtual-class-room-labs, https://www.rcpit.ac.in/wipro-technology-lab-research-center

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The College follows the policy of decentralization;

1) The Governing Body delegates all the academic and operational decisions based on policy to the Academic Council headed by the Principal.

2) A team of faculty members and students coordinate the co-curricular and extra-curricular activities in the college.

3) The Head of departments regularly conduct meetings in which aspects of the requirements of the departments such as equipment's, laboratory material, books, journal and other are discussed.

4) The department decides on timetable, subject allocation, maintenance of equipment and consumables, organizing guest lectures and workshops and recommends necessary industrial visits, in-plant trainings, and work towards achieving vision and mission of institute and department.

5) The management sanction/approved the budget in finance committee and principal communicate to concern departments.

The institute has effective leadership in participative management as

1) The Governing Body, Academic Council, Board of Studies, Finance Committee, IQAC and other statutory bodies are formulated as per participative structures provided by the Government, UGC, AICTE and the affiliating University.

2) The College makes sure that every faculty is involved in at least 2 or 3 committees of the college and representation from the student community is also ensured.

3) Through the Students Council, the students are actively to take decision making. The regular meetings and feedback of different stakeholders is also an indication of the participative management. A student quality peer team reports to the Principal every month.

File Description	Documents
Upload strategic plan and deployment documents on the website	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://www.rcpit.ac.in/organizational-structure, https://www.rcpit.ac.in/iqac-and-academics-committee, https://www.rcpit.ac.in/iqac-and-academics-committee, https://www.rcpit.ac.in/iqac-meetings

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Curriculum Development: The curriculum development involves the suggestions/ recommendations of regulatory bodies like Governing Body, Academic Council and IQAC, DTE and AICTE are incorporated at the earliest possible moment.

Examination and Evaluation: An Examination department has been formed to reduce the error level in the tabulation and to organize the examinations. The theory examinations are held at a center situated in a college under DBATU, Lonere University and Autonomous Institute RCPIT.

Research and Development: Research is undertaken inside the academic departments and research institutes and centres, coordinating through departmental research councils under the overall guidance of the University Research Committee.

Library, ICT and Physical Infrastructure / Instrumentation: The Institute constantly and continually expands and upgrades the physical infrastructure from its own funds and funds received from UGC, DTE, AICTE, State Govt, and other funding agencies. The Central Library and E-Learning Center cater to the needs of all the students.

Training and Placement: A goal of the Training and Placement department of the institute is to focus overall development of staff and students. The department invites all MNC companies for the recruitment of students. The department offers various programmes.

Admission of Students: Applications are invited from the eligible and registered candidates for admissions to First Year Engineering and Direct Second Year Engineering to be filled at Institute Level on Merit Basis against likely vacancies after Govt. CAP Rounds.

File Description	Documents
Strategic Plan and deployment documents on the website	**No File Uploaded**
Paste link for additional information	https://www.rcpit.ac.in/iqac-meetings, https://www.rcpit.ac.in/teaching-learning-process, https://www.rcpit.ac.in/industry-association, https://www.rcpit.ac.in/student-feedback-system, https://www.rcpit.ac.in/academic-calendar, https://www.rcpit.ac.in/wipro-technology-lab-research-center, https://www.rcpit.ac.in/details-of-phd-student-enrollment-computer-engineering, https://www.rcpit.ac.in/details-of-phd-student-enrollment-etc-engineering, https://www.rcpit.ac.in/library, https://www.rcpit.ac.in/about-placement-cell, https://www.rcpit.ac.in/admission-process
Upload any additional information	**No File Uploaded**

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

Role of Top Management

- **To spread technical education in rural and urban areas.**
- **To organize institution so that it can contribute to the overall development of nation and society.**
- **Management defines the policies and strategies for Institute.**
- **Management supports for progress of Institute by arranging necessary funds.**
- **Through local management council meetings, Management has continuous interaction with**
- **Principal, and other members of the Institute.**
- **Management motivates staff for overall development of the Institute.**

Role of Principal

Principal as an administrative and academic Head of the Institute shall be responsible for:

- Academic growth of the Institute.
- Participation in the teaching work, research and training programmes of the Institute.
- Assisting in planning and implementation of academic programmes such as orientation courses, seminars and other training programmes organized by the Institute, for academic competence ofthe Faculty Members.
- Annual budget preparation for various departments as per their requirements and maintenance of accounts.
- Observance of the Act, Statutes, Ordinances, Regulations, Rules and other Orders issued thereunder from time to time.

Role of Faculty

- Faculty has very important role in academics and students' development. They have to prepare teaching plan, preparation of course material, conduct lectures, practical's and tutorials as per the timetable. Faculty conducts class tests, gives assignments and evaluates term work of the students.
- Faculty organizes and coordinates various extra-curricular and co-curricular activities. Faculty has to update regularly to cope up with the changing technology by attending conferences..

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.rcpit.ac.in/organizational-structure, https://www.rcpit.ac.in/files/Policies-for-Maintaining-and-Utilizing-Physical-Academic-and-Support-Facilities.pdf, https://www.rcpit.ac.in/teaching-learning-process, https://www.rcpit.ac.in/admission-process, https://www.rcpit.ac.in/iqac-and-academics-committee, https://www.rcpit.ac.in/discipline
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	No File Uploaded
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The college has taken several welfare measures both for teaching and non-teaching staff such as employees provident fund, study leave, maternity leave, subsidized transport facility and AICTE scales of pay. The institution has set norms for professional development of faculty members and non- teaching staff by motivating to pursue higher studies, financial assistance to attend FDP, Conferences, Workshops, Seminars in their field of specialization, encouraging to attend and present research papers in National / International conferences and publishing research

papers in referred journals. The institution assesses its faculty through a well-structured appraisal system. Faculties are encouraged to improve their performance. Measures are also taken to attract eminent faculty. Institute also provides immediate fund to staff in case of medical emergency. One day salary of each staff get deducted as welfare fund is created and given so that incase of accidental death of any employee then welfare fund is given to the family members of that employee. The financial resources of the college are managed in a very effective and efficient manner. There are established procedures and processes for planning and allocation of financial resources. Statutory auditing is done at the end of each financial year.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

3

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

16

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

70

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Every year, the institution's finances are subject to audits from both inside and outside the organisation. To comply with reporting requirements from organisations like the AICTE, the UGC, and the state government, the college's accounts department, led by the finance officer (Accounts), updates and submits financial statements on a regular basis. The research centre has both an internal and external auditing system set up.

The statutory audit is carried out by an internal auditor appointed by the parent trust. Mr. A. R. Shimpi is the internal auditor's name. The first half of the internal financial audit covers the months of April through September, and the second half covers the months of October through March. A sampling of the institution's financial transactions and statements is examined during the audit to ensure their accuracy. A physical examination of the cashbook, bank accounts, ledgers, bills, vouchers, and statement of cash position and cash flow is performed, and a random sample of the account headings, balances, and postings is checked.

The statutory audit is conducted by an independent auditor selected by the parent trust. Mr. V. M. Rathi is the name of the company's external auditor (CA). Internal. In June/July, the principal and the chartered accountant will sign off on the finalised financial statements and the closing of the account. The results of an outside audit have been delivered to upper management. These reports have been validated by the accounting

division.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	**No File Uploaded**
Any additional information	**No File Uploaded**

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The majority of the institute's operating budget comes from the State government, the UGC, the Department of Technical Education, the Accreditation Council for Graduate Education, and the institute's management. It operates independently of any other organization. Paying the salaries of the institute's teaching and non-teaching staff is the primary use of the money that comes in from the State government and the trust of the institute. Money obtained from the state or other government sources must be used in accordance with established budgets. Each department at the institute has its own budget, which is prepared by a team of teaching and non-teaching staff members under the supervision of the department head. This budget takes into account the growth of the department as well as the salaries of the permanent and temporary staff members at the institute.

The following methods are also used to mobilize resources:

· Tuition and other costs for students

· Student Financial Aid

· **Administrative costs covered by funds from various granting organizations.**

The most efficient use of resources is achieved through

· **Quality education is guaranteed because: • Sufficient resources are devoted to innovative methods of instruction like Orientation Programmes, Workshops, Inter-Disciplinary Activities, Training Programmes, and Refresher Courses.**

· **Expenses for running the business and keeping the administration running smoothly, as well as the upkeep of any physical assets, are covered by the budget.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	**Nil**

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Institute has is continuously promoting the teaching and non-teaching to improve the skill through research and innovation. Institute is promoting the teaching staff for attending the workshop, FDP and STTP. Furthermore promoting the staff to publish research papers in indexed journals and conferences. Institute promoted various teaching staff to associate professor level and senior grade pay through CAS system.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.rcpit.ac.in/files/IQAC19.pdf

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of

operation and learning outcomes at periodic intervals through its IQAC as per norms

Institute has initiated the teaching learning components in the autonomous syllabus through the Teachers assessment (TA) component. TA component has three subsection viz presentation, group discussion and TA3 activity. The presentation component improves the presentation skill of students while group discussion ability improves the involvement of students in groups. TA3 activity is subject specific innovative activity decided by the subject teacher and approved by IQAC.

In each subject laboratory students performs an innovative experiment for the subject topics, further inclusion of semester project in curriculum enhances hands on practices.

Institute has introduced the internship program in its semester 8th curriculum. Through this student can attend the internship programs in various MNC's.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.rcpit.ac.in/files/IQAC19.pdf, https://www.rcpit.ac.in/files/IQAC20.pdf, https://www.rcpit.ac.in/files/IQAC21.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	**Nil**
Upload e-copies of accreditations and certification	**No File Uploaded**
Upload details of quality assurance initiatives of the institution	<u>View File</u>
Upload any additional information	<u>View File</u>

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

R C Patel Institute of Technology sensitizes students and employees regarding gender equity and takes the social responsibility of reacting to the events happened society by various activities. The institute promotes gender equity in admissions, recruitment, administrative functionality and academic activities. The institution makes sincere efforts to women faculty and students. The Institute conducts programs and events at regular intervals in order to spread awareness about the issue. The institution has constituted various committees with senior female faculty/staff members viz. Grievance Redressal cell, Anti-ragging committee separate Boys hostel and girls hostel committee, and Sexual harassment committee or Internal Complaint Committee (ICC), as per rules and regulations of Statutory Authorities. Separate Common rooms for boys and girls with basic facilities available in the institute. Counseling of girl, as well as boy students, is conducted in a regular manner by the lady faculty members of the above-mentioned Committees.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional Information	<u>https://www.rcpit.ac.in/women-helpline, https://www.rcpit.ac.in/anti-ragging-committee</u>

7.1.2 - The Institution has facilities for   C. Any 2 of the above

alternate sources of energy and energy conservation: Solar energy   Biogas plant Wheeling to the Grid   Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Energy conservation: The college has gradually moved on from normal light bulbs (least required wattage) to tube lights, slim lights, CFLs, LEDs and the college also replaced most of the CRT monitor to LCD monitors & LCD monitors to LED monitors thus conserving energy is done. Solar water heating system is installed in Girls and Boys hostels. This has reduced the Electrical Energy Consumption. The UPS Batteries are maintained in good condition which reduces frequent charging of batteries and hence controls power utilization. Periodical equipment checking and monitoring is carried out to avoid excess power consumption. Design of College building is well architected so that the natural light is used in college premises. Lights and fans are turned off when rooms are unoccupied.

Efforts for Carbon neutrality: The college has planted adequate number of trees. Green lawns are maintained well with water sprinkler. The college campus is maintained green enough to ensure the carbon neutrality in this area. College observes no vehicle day on every Thursday.

Hazardous waste management: Gas connection pipe line is designed by architect. Inverter batteries are replaced with the new batteries& old batteries are handover to the seller. Generator and oil section is covered with protective shield. Waste oil is dumped at the dumping yard. Chemistry laboratory waste generation is controlled by proper selection of practicals prescribed by University curriculum.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	**No File Uploaded**
Geotagged photographs of the facilities	View File
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus   **C. Any 2 of the above**

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: **C. Any 2 of the above**

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

      C. Any 2 of the above

1. **Green audit**
2. **Energy audit**
3. **Environment audit**
4. **Clean and green campus recognitions/awards**
5. **Beyond the campus environmental promotional activities**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<u>View File</u>
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	**No File Uploaded**
Any other relevant information	<u>View File</u>

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

      C. Any 2 of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

We trust in unity in diversity that's why our students respect the different religion, language and culture. We feel the college is our second home and all faculties like a family member. We greet and wish each other at different festivals and invite them to have a feast to get introduced with ones culture to have amicable relations. Our students and faculties join religious, communal socioeconomic units like NSS, ISKON to maintain the religious, social and communal harmony.

Similarly our students also celebrate the different festivals with joy and enthusiasm which help them to implant the social and religious harmony.

The diversity in India is unique. Being a large country with large population. India presents endless varieties of physical features and cultural patterns. It is the land of many languages it is only in India people professes all the major religions of the world. To represent our Indian culture, on the eve of our college annual gathering we organize a traditional dress competition and fashion show. In this competition students wore the different attire representing the different states, religions and cultures. Through this activity students get acquainted with the different culture of our nation and help to develop the tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. This also creates the inclusive environment in the college and society.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

Our institution takes all possible initiatives in organizing various events and programmes for moulding the students and staff to become responsible citizens of the country by sensitizing them to the constitution of the country. As responsible citizens of the country the students are motivated to take part in various activities of the college. The college encourages the students to take part in blood donation camps, study tours at different places to understand human values. The college has arrange reading of the preamble of the constitution to enlightened the students about importance of the Indian constitution and how we must work in the direction of savingour constitution. Director of institute appealed to all the staff and students to remember the struggle of freedom and respect the National Flag and National Anthem. The students also being the responsible citizens take many community services and provide services to mankind and society. The students have taken up many cleanliness drives both inside the campus and nearby villages considering it as a responsibility of every citizen. Swachh Bharat Abhiyan has also been an important initiative taken up by the college where we have organized an awareness rally for the students and took a tour in entire town to create awareness among all. The college has also conducted a voter awareness programme for all the students and was sensitized about their constitutional powers of voting. Our students across all UG courses study Constitution of India as a compulsory paper which sensitizes the students about constitutional obligations.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.10 - The institution has a prescribed code of conduct for students, teachers,   `D. Any 1 of the above`

administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

File Description	Documents
Code of Ethics - policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	**No File Uploaded**
Any other relevant information	[View File](#)

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Institution celebrates/ organizes national commemorative days, events and festivals. It is an integral part of learning and building a strong cultural belief in a student. Therefore our institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders. So, the staff and students of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout. For the current academic year, we have celebrated various days like World Environment Day, International Yoga Day, Independence Day, International Women's Day, National Science Day.

Republic day- The institution celebrates Republic day on 26th January every year, commemorating the adoption of Indian constitution and spreading the message that India is the largest democratic country in the world. This is a day to remind the students about the constitution of the country and the need to abide by it at all times. The celebration includes the hoisting of national flag and spreading a warm message of nationalism in a

speech by the Director sir.

Independence Day is celebrated every year on 15th of August, flag hoisting is organized and is celebrated to mark freedom of India from British rule. The institution encourages students to remember our national leaders and their sacrifices.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	[View File](#)
Geotagged photographs of some of the events	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

https://www.rcpit.ac.in/files/best-practices.pdf

File Description	Documents
Best practices in the Institutional website	https://www.rcpit.ac.in/teaching-learning-process
Any other relevant information	**Nil**

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Objective of the college is to provide quality education in Teacher Education to the students from various parts of the society, to make them academically and globally competent. This objective is clearly reflected in the mission & vision statement. The college believes that professionals of this college should be not only academically sound but should also have values and strong professional ethics. In present era, problem of unemployment among educated youth. Therefore, the need for "Skill-based system of education" is becoming more important in present times. A couple of important initiatives taken at the institution towards skill-

based education were the establishment of IIC (institute innovation counselling) Cell, motorsport club, the certificate course on German and Japanese Language. The RCPIT, Shirpur has also tie-up with international MOOC's platform like Coursera, NPTEL.

These initiatives help students to build their careers in the selected areas. This is a big step towards diminution of the problem of educated unemployed youths in the state. For IIC cell and MOOC's certificate course, college have been signed MOUs with some of the top organization where students successfully complete activities. The RCPIT college also assists the successful students in getting lucrative placements across the country.

From previous two academic year our institute become an autonomous, it help for excellence in academic performances, capability of self- governance and enhancement in the quality of education.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The Institute has the systematic procedure for development, revision and implementation of curriculum of all the departments to fulfill local and global needs. while developing t curriculum many factors considered such as syllabus of various reputed universities, model curriculum prescribed by AICTE and the Program Specific Outcomes of professional bodies

The initial draftof the curriculum is prepared by discussions with various stakeholders. The proposed curriculum is then discussed in DAB (Department Advisory Board) and is put forth to BOS (Board of Studies) where the experts from industry, academia, Alumni in addition to senior faculty members. The curriculum is then placed for approval during the Academic Council (AC)..

File Description	Documents
Upload additional information, if any	**No File Uploaded**
Link for additional information	https://www.rcpit.ac.in/student-corner

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

5

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	**No File Uploaded**

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

14	
File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	No File Uploaded
MoUs with relevant organizations for these courses, if any	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

1	
File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

0	
File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	No File Uploaded

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

As a part ofcurriculum at second year Constitution of India and Universal Human Rights courses are conducted and at third year level Environmental studies and Professional and Business Communication are conducted.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

6

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	No File Uploaded
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

1156

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

316

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	B. Any 3 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.rcpit.ac.in/files/Stakeholder 's-Feedback-Report.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following	B. Feedback collected, analysed and action taken

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.rcpit.ac.in/files/Stakeholder 's-Feedback-Report.pdf
Any additional information	No File Uploaded

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

2453

File Description	Documents
Any additional information	**No File Uploaded**
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

346

File Description	Documents
Any additional information	**No File Uploaded**
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Based on the qualifying examination, common entrance test data of admitted student and also from every internal test and ESE through analysis, slow learners and advanced learners are is carried out thoroughly and slow learners are identified, respective subject teacher conducts remedial classes for such students. After every test, subject expert gives feedback of evaluated answer paper to each student. Separate classes are conducted for the backlog students. For advanced learners - Every year top ten students are identified and they are nurtured by teachers specifically allotted for them. Students are encourage to enroll for add on courses offered under QEEE, MOOCs. During the conduction of tutorials, the number of problems solved and difficulty level is slightly more for top division students. They are encouraged to take part in different contests floated by industries and renowned institutes like E-Baja, M-Baja, Mega ATV contest, TCS Code vita, TCS Game On, Sparkle by KPIT Cummins, IIT Technical Fest. Institute provides platform to students by which they can interact and experiment with current technologies used in industries. (e.g. eYantra lab for robotics, Wipro lab for embedded system)

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/06/2021	**2453**	**123**

File Description	Documents
Upload any additional information	[View File](#)

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

Following are few innovative practices which are adopted by the institution: 1. The institute has its own academic calendar in line with the university academic calendar. Various activities are planned accordingly. 2. The lesson plans are prepared by the teaching faculty to ensure the effective delivery and plan the systematic teaching-learning processes. 3. The implementation of teaching plan and students' attendance is regularly monitored by Class coordinator, local guardian and Head of Department and regular efforts are made to inform the students and parents. 4. Institute have well-equipped digitized library with access to e journal and NPTEL learning resources, Delnet, National Digital Library (NDL) and direct access to the library resources for independent learning. 5. Accesses to on-line journals are made available for staff and students to learn the latest research and developed techniques in engineering. 6. Repository of seminar /project reports in the library for the reference of students and faculty. 7. Infrastructure for ICT enabled teaching and learning for interactive learning. e.g. MOODLE. 8. Ample computer facility with 155MBps internet connection and wi fi connectivity for fast and precise access of information forindependent and interactive learning. 9. Provision of language lab makes the students good at English communication. 10. Organize various workshops for faculty to learn and adopt various interactive

learning techniques such as flip class room, think pair share implementation, project-based learning, use of analogy, role play etc.

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional Information	**Nil**

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Teachers effectively use ICT tools. The number of ICT enabled classrooms are 30. The institute has local chapter of NPTEL courses. Institute also has tie up with NMIMS Shirpur for Coursera. Students as well as faculty are always encouraged to upgrade knowledge in the respective domains. Institute is using online platform for resource sharing as well as conduction of quizzes, mcq based exams even before pandemic situation. Students and faculty regularly avails MOOC platforms. Animations, simulations are used in the teaching to simplify complicated models. Students and faculty are familiar withvarious ICT based technology like MOODLE, Teams, ZOOM, Google, smart board etc for effective teaching learning process.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.rcpit.ac.in/virtual-class-room-labs
Upload any additional information	**No File Uploaded**

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

109

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	**No File Uploaded**

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Preparation and Adherence of Academic Calendar: The institution prepares the academic calendar every year in advance. The coverage of academic calendar covers the list of examination dates, seminars, conferences, guest lectures, workshops and industrial visits holidays, vacation dates, festivals, etc. Academic calendar provides the total effective working days available in a given semester. Then the director and senior colleagues prepare the time table by correlating the working days available and coverage of curriculum of the courses. Thus the academic calendar monitors the effective delivery of the program with academic inputs.

Preparation and Adherence of Teaching Plan: The concern faculties prepare teaching plan for their respective courses of theory, practicals and tutorials. These teaching hours are distributed among class room teaching, case studies, role play, workshops and lab session as per the course requirements. These plans are made in advance and serves as guide for conducting sessions. The director and HODs check the progress of each course and ensures timely and effective completion of course in the specified time frame with perfect blend of practical and theoretical inputs.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

123

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	**No File Uploaded**
Any additional information	**No File Uploaded**

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

3

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	**No File Uploaded**

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1384

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	**No File Uploaded**

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

45

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

174

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

A student shall be evaluated for his / her academic performance in a course through various components (CA, MSE and ESE for theory courses while CA and ESE for laboratory courses) as specified in curriculum structure. Transparent Internal Assessment - a) It is expected that the teacher would conduct at least two formal assessments of the students under the continuous assessment mode in a Semester. b) The teacher will announce at the beginning of the respective course the method of conducting the assessments under the continuous mode and the assignment of marks and inform the same to the Director-Academics or Dean in University or Principal/HoD in affiliated college in the first week of the semester. The same maybe also displayed on the University/ College Portal. c) The teacher shall keep the record of the continuous assessment of a class at least for three years and produce it to the Principal of the college or Director-Academics, if needed. d) In-semester performance of all students, both continuous assessment and mid-semester examination should be displayed on notice board as well on College / University Portal and sent to the academic office of the University/ College by the teacher before the end-semester examination. e) For the theory courses, there will be

one Mid-semester test for each course to be held as per the schedule fixed in the Academic Calendar of the University/college, preferably in the eighth week of the semester for at least 50% syllabus. Duration of MSE shall be one hour.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

The institute has clearly stated Programme Outcomes and Course Outcomes of the programmes offered. The Vision and Mission statements are displayed on the college website as well as in college campus. These outcomes have been set, taking into account the variety of programmes and the heterogeneity of rural and urban students. The Course Outcomes are also mentioned in the syllabi prescribed to each class. In the beginning of every academic year the programme outcomes are verbally communicated to the students by teachers. They are also displayed on college website. All these outcomes are explained to students in the classrooms directly or indirectly. www.rcpit.ac.in

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File](#)
Upload any additional information	**No File Uploaded**
Link for additional Information	https://www.rcpit.ac.in/electronics-and-telecommunication-engineering-peopos

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The Programme outcomes and course outcomes are evaluated by the institution and the same are communicated to the students in the formal way of the discussion in the classroom. The program

outcomes are assessed with the help of course outcomes of the relevant courses through direct and indirect methods. Direct methods are provided through direct examinations or observations of student knowledge or skills against measurable course outcomes. The knowledge and skills described by the course outcomes are mapped to specific problems on University Examination, internal exams and home assignment. At the end of each semester, university conducts examinations based on the result published by university the course outcomes are measured. To ensure that students have achieved desired level of competenciesin each course, three internal tests are conducted. To evaluate, whether corresponding COs are achieved or not, According to the performance of the student in answering each question, mapping is carried out with the respective COs for assessing the attainment level of the specific CO of the subject.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

573

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://forms.gle/tFq88SDSoKU4NAfV7

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The institute has well developed research labs in Computer Engineering and Electronics and Telecommunication department. The institute also has well established research committee in place. This Committee encourages the faculty members to prepare research proposals, interdisciplinary research, product design and development, publications in reputed journals and national and international conferences. In order to encourage the participation of faculty members in these activities, the institute offers various facilities including financial support. The institute provides plagiarism check for the research papers written by faculty members at free of cost. Every faculty member will have an annual assessment based on contribution in academic and research domain. To nurture the research aptitude among faculty members, the institute has proposed career advancement scheme. Through this scheme, the faculty members get promoted to higher post or higher grade pay based on the research activity did by him/her.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.rcpit.ac.in/research-committee
Any additional information	**No File Uploaded**

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	No File Uploaded
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	No File Uploaded
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	**No File Uploaded**
List of projects and grant details	**No File Uploaded**
Any additional information	**No File Uploaded**

3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**
List of research projects during the year	**No File Uploaded**

3.2.3 - Number of teachers recognised as research guides

13

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	[View File](#)
Institutional data in Prescribed format	[View File](#)

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

0

File Description	Documents
Supporting document from Funding Agencies	**No File Uploaded**
Paste link to funding agencies' website	**Nil**
Any additional information	**No File Uploaded**

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

- **The Institution provides a facilitative environment for promotion of Innovation and Incubation. All required facilities are provided and Guidance is extended to the students. Necessary support is provided for Documentation, Publication of Research Papers and also for obtaining patents.**
- **Organized workshops, seminars and guest lectures on Entrepreneurship for students of our institute. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field.**
- **Incubation Center is started to facilitate students to convert their ideas into Technological Innovations. Students are provided facilities to build prototypes useful for society particularly in tribal area.**
- **Workshops on emerging trends in Technology are held for both teachers and students to encourage them to gain hands on experience and better Industrial Exposure.**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

24

File Description	Documents
Report of the events	**No File Uploaded**
List of workshops/seminars conducted during the year	[View File](#)
Any additional information	**No File Uploaded**

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	**B. Any 3 of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	[View File](#)
Any additional information	**No File Uploaded**

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

10

File Description	Documents
URL to the research page on HEI website	**Nil**
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	[View File](#)
Any additional information	[View File](#)

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

`35`

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	**No File Uploaded**

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

`11`

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

`296`

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	**No File Uploaded**

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

`2.92`

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File](#)
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

9.09

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	[View File](#)
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	No File Uploaded
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The sport week celebrated by the NSS unit of SES society R.C.Patel Institute of Technology, Shirpur. In this pandemic the importance of health because health is wealth. Under NSS unit sport week celebrated for all teaching and non-teaching staff. To make staffs more energetic and strong so college has made arrangement for games and sports. All staff enthusiastically participated in different sport games like Chess, Badminton. Table tennis, cricket, cycling, carom, football, volley ball etc.

The winners were awarded with prizes and goodies. The sport week celebration is inaugurated by Hon .Chairman Rajgopalji Bandari and were present Director Prof. Dr. J.B.Patil sir, Deputy Director Prof. Dr. P.J. Deore sir, all heads of the department, NSS officer Prof. Dr. M.R.Patil, The sport week started at morning 6.00 AM. The first sport competition was cycling all sport activities were happened as per schedule. From sports like Carrom, Chess, Table Tennis, cycling, Bad-Marathon, Foot Ball, Marathon, Kabbadi, Kho-Kho, Volley Ball, around 192 actively participated from R. C Patel institute of Technology, Shirpur

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

11

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	No File Uploaded
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

6

File Description	Documents
Reports of the events organized	View File
Any additional information	No File Uploaded

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

823

File Description	Documents
Reports of the events	View File
Any additional information	No File Uploaded

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

2

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

15

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	**No File Uploaded**
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	*View File*
Any additional information	**No File Uploaded**

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

RCPIT is associated with Amrita University for the infrastructural set-up of E-learning. RCPIT is recognized as anodal remote centreby IIT Bombay where workshops and seminars are broadcasted live through CDEEP. A computer center occupying area of 300 sq. mtr. serves as a central facility. Center comprises of a server room having eight servers, two IBM servers for database, a Web server, a Linux server, Library server and a Domain server. All the terminals and computer Labs are connected through high speed networking with AVAYA Technology and Cisco switches. A Firewall unit also exists for monitoring and controlling network traffic. All the terminals are provided with Internet connectivity by Leased Line with 200 Mbps with 1:1 ratio. 100 Computers are connected with 200 Mbps. Apart from all licensed softwares, the center is also equipped with visual aids. The central library covers ground area of about 612 sq. mtr. with seating capacity of 150 students. The library is divided into; 170 sq mtr. reading zone, 325 sq. mtr. stacking area and 117 sq. mtr. issuing area. Air conditioned auditorium withcapacity of 300 audience, serves as hall for seminars, guest lectures. Itis has very powerful audio system, LCD projector.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.rcpit.ac.in/computer-center

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

Basic recreation and sports facilitiesare made available to the students which provide homely atmosphere that strengthen the feeling of belongingness.The rooms are spacious enough for students to stay and study in comfort. Keeping in mind, 'Health is wealth', a health and entertainment club is made available with the facilities like mini theater, coffee shop, party lawn, gym equipments, swimming pool, yoga room and indoor games for students.

The College has a spacious ground for outdoor sports, with the ground being modified for specific sports. The College has a tie-up with external agencies (Shirpur Cricket Association, Municipal Council) to enable students to participate in sports like cricket, swimming, lawn tennis, and badminton.

For indoor games we have a facility for table tennis, carom, badminton and chess. The open ground is used for kho-kho, kabaddi, volleyball, basketball, football, hockey, cricket, ball badminton soft ball and Yoga. Our College staff also provides its expertise to theUniversity sports body. The activities of the Sports are governed by the Principal with the assistance of the Gymkhana Chairman, Teaching, Non-Teaching Staff and student representatives. Bus facilities are organized directly from the hostels to the college at subsidized rates.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://www.rcpit.ac.in/sports

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

35

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

180.38988

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Name of ILMS software - MasterSoft (LIBMAN)

Nature of automation - Fully

Version- -

Year of automation - 2017

LIB-MAN is a highly integrated, user-friendly and compatible system for complete computerization of all the in-house operations of any size or type of library. The library management software is intuitive, efficiently and compliant. Lib-Man is embedded with multilingual fonts, Barcode & QR Code fonts. The software developed in consultation with prolific senior library professionals, is currently being used by as many as 500 libraries.

M-OPAC:-

100% assurance for import of other library software data into LIB-MAN. Mark standard data import/export. Book data fetching from ISBN site and Google API saves data entry time. Supports EBook uploading & reading. Follows all library latest standards such as Marc 21, library congress standards, AACR2. Reports / data export to word, excel, PDF, text.Fully secured & maintenance free.Fully documented user manual.Best backup and recovery.Reports on laser/inkjet printers. Lib-Man is embedded with multilingual fonts, Barcode & QR Code fonts. Print barcode using barcode printer like Argox, TSC, etc. It supports all latest technologies which include cloud hosting, smartphone, tablets, SMS, email, UHF RFID, payment gateway, etc.It also supports smart phone app forbook search - MOPAC.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://libcloud.mastersofterp.in/Homepage/Index/ESTllyGgcvY=

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources | A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	[View File](#)
Upload any additional information	[View File](#)

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

6.65

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

130

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	**No File Uploaded**

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

R. C. Patel Institute of Technology, Shirpur has always updated its IT infrastructure to meet the latest trend in IT in terms of computational power required for students and ease of teaching learning process. Computers have been upgraded to "All in One" models with inbuilt webcam and speaker microphone setup for video conferencing and interactive teaching learning. WIFI has been upgraded from basic small office home office setup (SOHO) to State of the Art Enterprise mesh WIFI from reputed brand CISCO which provides seamless connectivity across entire campus without dropping off. Furthermore projectors have been upgraded to smart interactive panels with inbuilt computer with well-equipped hardware to sustain installation of complex programs and help aid teaching learning be it on windows platform or android platform.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2465	**542**

File Description	Documents
Upload any additional information	**No File Uploaded**

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	**A. ?50 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	[View File](#)

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	**A. All four of the above**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**
List of facilities for e-content development (Data Template)	[View File](#)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

762.53

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

State of the art Laboratory & equipment: Library - Library infrastructure up gradation, Functional Furniture and fittings for e-learning

Sports, Hostel & Canteen: Developing sports (indoor/outdoor) facilities, Hobby clubs, Canteen & community centre, Additional Hostels facility for boys & Girls within the campus

Teaching- Learning Infrastructure: Smart Class rooms: Smart boards, Multi-room instructional facility, Multimedia and support equipment, E-Learning facilities, Laboratory- R&D Equipment

Books & E-Learning: Books, Journals, Periodicals, Magazines, Online access to E-media, Departmental library books

Library & Information Centre: CCTV, Resources automation & Access (24X 7), Digitization of Library resources, Establishing cloud based e-library & online access

Industry- Institute Relationships: Strengthen placement, training and industry institute interaction cell, MoUs & NDA with potential industries/companies.

Leverage Industry Resources: Invite industry experts for guest lecturers, partner with industry for syllabus reviews, Leverage for internships, research projects, consultancy & placements.

Research, Development and Innovation: Enhancing R&D laboratories in all departments, Modernisation and removal of obsolescence of laboratories,

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MOU with premier institutes/R&D labs:Collaborations with IITs,
ISRO, DRDO, WIPRO etc. Multi & inter disciplinary research.

Incubation Centre /Product Development: Encourage "idea to
product" pre-incubation activities, Establishing incubation
centres, Focus on Product development, Startup of maker Space
(Fab Lab) – Product and development
```

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.rcpit.ac.in/education-interactions

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

2118

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	No File Uploaded

5.1.3 - The following Capacity Development	A. All of the above

and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

File Description	Documents
Link to Institutional website	https://www.rcpit.ac.in/training-courses
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

1856

File Description	Documents
Any additional information	**No File Uploaded**
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	**A. All of the above**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**
Upload any additional information	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

419

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

03

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	**No File Uploaded**

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

0

File Description	Documents
Upload supporting data for students/alumni	**No File Uploaded**
Any additional information	**No File Uploaded**

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

71

File Description	Documents
e-copies of award letters and certificates	<u>View File</u>
Any additional information	<u>View File</u>

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Institute encourages active participation of students through student councils. Student council is formed in the institute as per the university resolution 1994/Act 40/ 2B. The members are selected as per university rules and regulation, from each class. Initially first two students are called who are the toppers from each class and from each branch. After selection of members, one of the students is nominated for General Secretary (GS) and one of the girl students is nominated for Ladies Representative (LR). Similarly, the selection of Cultural committee and sports committee coordinators has been selected, But every nomination requires support of two students from the elected members. After GS, LR, Sports coordinator is elected and other members are appointed as Class Representative of concern department. This student council actively works for different activities conducted in the institute like blood donation camp, tree plantation drive, annual gathering, etc. University Representative is elected at university level from the representative of different colleges by conducting election. Also from the selected university representatives one member is selected as a President of university student council and another member as secretary on university level student council. NSS activity for students was started in institute from AY 2018-19. In NSS includes students from 10 students from Second Year and 10 students from Third Year are selected from

every branch. NSS team has a capacity of total 100 students. Many social activities such as tree blood donation, tree plantation, swachchta abhiyaan etc. were performed under NSS.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.rcpit.ac.in/iqac-and-academics-committee

5.3.3 - Number of sports and cultural events / competitions organised by the institution

13

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	**No File Uploaded**

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

Our alumni are connected to RCPIT using social media, so RCPIT initiate this process, we form a group of alumni on Whatsapp, Google, create Facebook/LinkedIn pages and make a strong network. Through networking and professional development opportunities, alumni often participate in and benefit from career insights and advice from other alumni and career professionals with the college. RCPIT has big alumni networks and they are working in various fields in market. So, we request them to share some real time projects on which they are working currently or small part of their project as a task to students. So that students get chance to know about what is happening in market. RCPIT alumni working in good companies helping with exploring campus recruitment via connecting with their HR team, also by sharing referral and walk in drives post and opportunities. RCPIT alumni many times come forward to share their knowledge and experience during placement season and project based learning activities. RCPIT alumni is also

helping in by suggesting latest syllabus and curriculum design as per industry trends and requirements to bridge the gap. Alumni Affairs Cell conducts its many online/offline session with alumnus where the alumnus talked about her experience and learnings. Lot of interaction, many positive inputs and a strategy learnt by students during the sessions.

https://www.facebook.com/groups/rcpitalumini

https://www.linkedin.com/school/ses's-r.c.patel-institute-of-technology-shirpur/people/

https://www.instagram.com/rcpitshirpur/

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year	D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Vision :-

To achieve excellence in engineering education with strong ethical values.

Mission :-

- To impart high quality Technical Education through:
- Innovative and Interactive learning process and high quality, internationally recognized instructional programs.
- Fostering a scientific temper among students by the means

of a liaison with the Academia, Industries and Government.
- Preparing students from diverse backgrounds to have aptitude for research and spirit of Professionalism.
- Inculcating in students a respect for fellow human beings and responsibility towards the society

The governance of the institution is reflective:

The empowered team of the college involves Director, Dy..Director, and Coordinators of different committees, Teaching-staff, IQAC committee, non-teaching and supporting staff, student representative (C.R.), Stakeholders, Alumni and local management committee. The principal monitors the mechanism regarding administration and academic process. It also ensures proper functioning of the policies, rules and action-plans of the college. There are many committees to support the vision and mission of the college. For example, these are Examination cell, NSS, and counseling cell, library and sports committee, cultural committee, internal examination committee, anti-ragging committee, college-magazine committee, disciplinary committee, scholarship committee, grievance redressal committee, etc. All the committees take its responsibility for the plans and activities, and successfully tackles these responsibilities in every academic session.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://www.rcpit.ac.in/about-us, https://www.rcpit.ac.in/fees-structure, https://www.rcpit.ac.in/online-payment-of-fee, https://www.rcpit.ac.in/details-of-phd-student-enrollment-etc-engineering, https://www.rcpit.ac.in/virtual-class-room-labs, https://www.rcpit.ac.in/wipro-technology-lab-research-center

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The College follows the policy of decentralization;

1) The Governing Body delegates all the academic and operational decisions based on policy to the Academic Council headed by the Principal.

2) A team of faculty members and students coordinate the co-curricular and extra-curricular activities in the college.

3) The Head of departments regularly conduct meetings in which aspects of the requirements of the departments such as equipment's, laboratory material, books, journal and other are discussed.

4) The department decides on timetable, subject allocation, maintenance of equipment and consumables, organizing guest lectures and workshops and recommends necessary industrial visits, in-plant trainings, and work towards achieving vision and mission of institute and department.

5) The management sanction/approved the budget in finance committee and principal communicate to concern departments.

The institute has effective leadership in participative management as

1) The Governing Body, Academic Council, Board of Studies, Finance Committee, IQAC and other statutory bodies are formulated as per participative structures provided by the Government, UGC, AICTE and the affiliating University.

2) The College makes sure that every faculty is involved in at least 2 or 3 committees of the college and representation from the student community is also ensured.

3) Through the Students Council, the students are actively to take decision making. The regular meetings and feedback of different stakeholders is also an indication of the participative management. A student quality peer team reports to the Principal every month.

File Description	Documents
Upload strategic plan and deployment documents on the website	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Paste link for additional Information	https://www.rcpit.ac.in/organizational-structure, https://www.rcpit.ac.in/iqac-and-academics-committee, https://www.rcpit.ac.in/iqac-and-academics-committee, https://www.rcpit.ac.in/iqac-meetings

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Curriculum Development: The curriculum development involves the suggestions/ recommendations of regulatory bodies like Governing Body, Academic Council and IQAC, DTE and AICTE are incorporated at the earliest possible moment.

Examination and Evaluation: An Examination department has been formed to reduce the error level in the tabulation and to organize the examinations. The theory examinations are held at a center situated in a college under DBATU, Lonere University and Autonomous Institute RCPIT.

Research and Development: Research is undertaken inside the academic departments and research institutes and centres, coordinating through departmental research councils under the overall guidance of the University Research Committee.

Library, ICT and Physical Infrastructure / Instrumentation: The Institute constantly and continually expands and upgrades the physical infrastructure from its own funds and funds received from UGC, DTE, AICTE, State Govt, and other funding agencies. The Central Library and E-Learning Center cater to the needs of all the students.

Training and Placement: A goal of the Training and Placement department of the institute is to focus overall development of staff and students. The department invites all MNC companies for the recruitment of students. The department offers various

programmes.

Admission of Students: Applications are invited from the eligible and registered candidates for admissions to First Year Engineering and Direct Second Year Engineering to be filled at Institute Level on Merit Basis against likely vacancies after Govt. CAP Rounds.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	https://www.rcpit.ac.in/iqac-meetings, https://www.rcpit.ac.in/teaching-learning-process, https://www.rcpit.ac.in/industry-association, https://www.rcpit.ac.in/student-feedback-system, https://www.rcpit.ac.in/academic-calendar, https://www.rcpit.ac.in/wipro-technology-lab-research-center, https://www.rcpit.ac.in/details-of-phd-student-enrollment-computer-engineering, https://www.rcpit.ac.in/details-of-phd-student-enrollment-etc-engineering, https://www.rcpit.ac.in/library, https://www.rcpit.ac.in/about-placement-cell, https://www.rcpit.ac.in/admission-process
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

Role of Top Management

- To spread technical education in rural and urban areas.
- To organize institution so that it can contribute to the overall development of nation and society.
- Management defines the policies and strategies for Institute.
- Management supports for progress of Institute by arranging necessary funds.
- Through local management council meetings, Management has continuous interaction with
- Principal, and other members of the Institute.

- Management motivates staff for overall development of the Institute.

Role of Principal

Principal as an administrative and academic Head of the Institute shall be responsible for:

- Academic growth of the Institute.
- Participation in the teaching work, research and training programmes of the Institute.
- Assisting in planning and implementation of academic programmes such as orientation courses, seminars and other training programmes organized by the Institute, for academic competence ofthe Faculty Members.
- Annual budget preparation for various departments as per their requirements and maintenance of accounts.
- Observance of the Act, Statutes, Ordinances, Regulations, Rules and other Orders issued thereunder from time to time.

Role of Faculty

- Faculty has very important role in academics and students' development. They have to prepare teaching plan, preparation of course material, conduct lectures, practical's and tutorials as per the timetable. Faculty conducts class tests, gives assignments and evaluates term work of the students.
- Faculty organizes and coordinates various extra-curricular and co-curricular activities. Faculty has to update regularly to cope up with the changing technology by attending conferences..

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.rcpit.ac.in/organizational-structure, https://www.rcpit.ac.in/files/Policies-for-Maintaining-and-Utilizing-Physical-Academic-and-Support-Facilities.pdf, https://www.rcpit.ac.in/teaching-learning-process, https://www.rcpit.ac.in/admission-process, https://www.rcpit.ac.in/iqac-and-academics-committee, https://www.rcpit.ac.in/discipline
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	No File Uploaded
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The college has taken several welfare measures both for teaching and non-teaching staff such as employees provident fund, study leave, maternity leave, subsidized transport facility and AICTE scales of pay. The institution has set norms for professional development of faculty members and non-teaching staff by motivating to pursue higher studies, financial assistance to attend FDP, Conferences, Workshops, Seminars in their field of specialization, encouraging to

attend and present research papers in National / International conferences and publishing research papers in referred journals. The institution assesses its faculty through a well-structured appraisal system. Faculties are encouraged to improve their performance. Measures are also taken to attract eminent faculty. Institute also provides immediate fund to staff in case of medical emergency. One day salary of each staff get deducted as welfare fund is created and given so that incase of accidental death of any employee then welfare fund is given to the family members of that employee. The financial resources of the college are managed in a very effective and efficient manner. There are established procedures and processes for planning and allocation of financial resources. Statutory auditing is done at the end of each financial year.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

3

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

16

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

70

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Every year, the institution's finances are subject to audits from both inside and outside the organisation. To comply with reporting requirements from organisations like the AICTE, the UGC, and the state government, the college's accounts department, led by the finance officer (Accounts), updates and submits financial statements on a regular basis. The research centre has both an internal and external auditing system set up.

The statutory audit is carried out by an internal auditor appointed by the parent trust. Mr. A. R. Shimpi is the internal auditor's name. The first half of the internal financial audit covers the months of April through September, and the second half covers the months of October through March. A sampling of the institution's financial transactions and statements is examined during the audit to ensure their accuracy. A physical examination of the cashbook, bank accounts, ledgers, bills, vouchers, and statement of cash position and cash flow is

performed, and a random sample of the account headings, balances, and postings is checked.

The statutory audit is conducted by an independent auditor selected by the parent trust. Mr. V. M. Rathi is the name of the company's external auditor (CA). Internal. In June/July, the principal and the chartered accountant will sign off on the finalised financial statements and the closing of the account. The results of an outside audit have been delivered to upper management. These reports have been validated by the accounting division.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	No File Uploaded
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The majority of the institute's operating budget comes from the State government, the UGC, the Department of Technical Education, the Accreditation Council for Graduate Education, and the institute's management. It operates independently of any other organization. Paying the salaries of the institute's teaching and non-teaching staff is the primary use of the money that comes in from the State government and the trust of the institute. Money obtained from the state or other government sources must be used in accordance with established budgets. Each department at the institute has its own budget, which is prepared by a team of teaching and non-teaching staff members

under the supervision of the department head. This budget takes into account the growth of the department as well as the salaries of the permanent and temporary staff members at the institute.

The following methods are also used to mobilize resources:

· Tuition and other costs for students

· Student Financial Aid

· Administrative costs covered by funds from various granting organizations.

The most efficient use of resources is achieved through

· Quality education is guaranteed because: • Sufficient resources are devoted to innovative methods of instruction like Orientation Programmes, Workshops, Inter-Disciplinary Activities, Training Programmes, and Refresher Courses.

· Expenses for running the business and keeping the administration running smoothly, as well as the upkeep of any physical assets, are covered by the budget.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Institute has is continuously promoting the teaching and non-teaching to improve the skill through research and innovation. Institute is promoting the teaching staff for attending the workshop, FDP and STTP. Furthermore promoting the staff to publish research papers in indexed journals and conferences.

Institute promoted various teaching staff to associate professor level and senior grade pay through CAS system.

File Description	Documents
Upload any additional information	[View File](https://www.rcpit.ac.in/files/IQAC19.pdf)
Paste link for additional information	https://www.rcpit.ac.in/files/IQAC19.pdf

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Institute has initiated the teaching learning components in the autonomous syllabus through the Teachers assessment (TA) component. TA component has three subsection viz presentation, group discussion and TA3 activity. The presentation component improves the presentation skill of students while group discussion ability improves the involvement of students in groups. TA3 activity is subject specific innovative activity decided by the subject teacher and approved by IQAC.

In each subject laboratory students performs an innovative experiment for the subject topics, further inclusion of semester project in curriculum enhances hands on practices.

Institute has introduced the internship program in its semester 8th curriculum. Through this student can attend the internship programs in various MNC's.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.rcpit.ac.in/files/IQAC19.pdf, https://www.rcpit.ac.in/files/IQAC20.pdf, https://www.rcpit.ac.in/files/IQAC21.pdf

| **6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state,** | **A. Any 4 or all of the above** |

national or international agencies (such as ISO Certification)

File Description	Documents
Paste the web link of annual reports of the Institution	**Nil**
Upload e-copies of accreditations and certification	**No File Uploaded**
Upload details of quality assurance initiatives of the institution	<u>View File</u>
Upload any additional information	<u>View File</u>

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

R C Patel Institute of Technology sensitizes students and employees regarding gender equity and takes the social responsibility of reacting to the events happened society by various activities. The institute promotes gender equity in admissions, recruitment, administrative functionality and academic activities. The institution makes sincere efforts to women faculty and students. The Institute conducts programs and events at regular intervals in order to spread awareness about the issue. The institute has constituted various committees with senior female faculty/staff members viz. Grievance Redressal cell, Anti-ragging committee separate Boys hostel and girls hostel committee, and Sexual harassment committee or Internal Complaint Committee (ICC), as per rules and regulations of Statutory Authorities. Separate Common rooms for boys and girls with basic facilities available in the institute. Counseling of girl, as well as boy students, is conducted in a regular manner by the lady faculty members of the above-mentioned Committees.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.rcpit.ac.in/women-helpline, https://www.rcpit.ac.in/anti-ragging-committee

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	C. Any 2 of the above

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Energy conservation: The college has gradually moved on from normal light bulbs (least required wattage) to tube lights, slim lights, CFLs, LEDs and the college also replaced most of the CRT monitor to LCD monitors & LCD monitors to LED monitors thus conserving energy is done. Solar water heating system is installed in Girls and Boys hostels. This has reduced the Electrical Energy Consumption. The UPS Batteries are maintained in good condition which reduces frequent charging of batteries and hence controls power utilization. Periodical equipment checking and monitoring is carried out to avoid excess power consumption. Design of College building is well architected so that the natural light is used in college premises. Lights and fans are turned off when rooms are unoccupied.

Efforts for Carbon neutrality: The college has planted adequate number of trees. Green lawns are maintained well with water sprinkler. The college campus is maintained green enough to ensure the carbon neutrality in this area. College observes no vehicle day on every Thursday.

Hazardous waste management: Gas connection pipe line is designed by architect. Inverter batteries are replaced with the

new batteries& old batteries are handover to the seller.
Generator and oil section is covered with protective shield.
Waste oil is dumped at the dumping yard. Chemistry laboratory
waste generation is controlled by proper selection of
practicals prescribed by University curriculum.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	**No File Uploaded**
Geotagged photographs of the facilities	View File
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

C. Any 2 of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

C. Any 2 of the above

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	**C. Any 2 of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	**No File Uploaded**
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information:	**C. Any 2 of the above**

Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	**No File Uploaded**
Details of the software procured for providing assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

We trust in unity in diversity that's why our students respect the different religion, language and culture. We feel the college is our second home and all faculties like a family member. We greet and wish each other at different festivals and invite them to have a feast to get introduced with ones culture to have amicable relations. Our students and faculties join religious, communal socioeconomic units like NSS, ISKON to maintain the religious, social and communal harmony.

Similarly our students also celebrate the different festivals with joy and enthusiasm which help them to implant the social and religious harmony.

The diversity in India is unique. Being a large country with large population. India presents endless varieties of physical features and cultural patterns. It is the land of many languages it is only in India people professes all the major religions of the world. To represent our Indian culture, on the eve of our college annual gathering we organize a traditional dress competition and fashion show. In this competition students wore the different attire representing the different states, religions and cultures. Through this activity students get acquainted with the different culture of our nation and help to develop the tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. This also creates the inclusive environment in the

college and society.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

Our institution takes all possible initiatives in organizing various events and programmes for moulding the students and staff to become responsible citizens of the country by sensitizing them to the constitution of the country. As responsible citizens of the country the students are motivated to take part in various activities of the college. The college encourages the students to take part in blood donation camps, study tours at different places to understand human values. The college has arrange reading of the preamble of the constitution to enlightened the students about importance of the Indian constitution and how we must work in the direction of savingour constitution. Director of institute appealed to all the staff and students to remember the struggle of freedom and respect the National Flag and National Anthem. The students also being the responsible citizens take many community services and provide services to mankind and society. The students have taken up many cleanliness drives both inside the campus and nearby villages considering it as a responsibility of every citizen. Swachh Bharat Abhiyan has also been an important initiative taken up by the college where we have organized an awareness rally for the students and took a tour in entire town to create awareness among all. The college has also conducted a voter awareness programme for all the students and was sensitized about their constitutional powers of voting. Our students across all UG courses study Constitution of India as a compulsory paper which sensitizes the students about constitutional obligations.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

D. Any 1 of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	No File Uploaded
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Institution celebrates/ organizes national commemorative days, events and festivals. It is an integral part of learning and building a strong cultural belief in a student. Therefore our institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders. So, the staff and students of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout. For the current academic year, we

have celebrated various days like World Environment Day,
International Yoga Day, Independence Day, International Women's
Day, National Science Day.

Republic day- The institution celebrates Republic day on 26th
January every year, commemorating the adoption of Indian
constitution and spreading the message that India is the
largest democratic country in the world. This is a day to
remind the students about the constitution of the country and
the need to abide by it at all times. The celebration includes
the hoisting of national flag and spreading a warm message of
nationalism in a speech by the Director sir.

Independence Day is celebrated every year on 15th of August,
flag hoisting is organized and is celebrated to mark freedom of
India from British rule. The institution encourages students to
remember our national leaders and their sacrifices.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

https://www.rcpit.ac.in/files/best-practices.pdf

File Description	Documents
Best practices in the Institutional website	https://www.rcpit.ac.in/teaching-learning-process
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Objective of the college is to provide quality education in Teacher Education to the students from various parts of the society, to make them academically and globally competent. This objective is clearly reflected in the mission & vision statement. The college believes that professionals of this college should be not only academically sound but should also have values and strong professional ethics. In present era, problem of unemployment among educated youth. Therefore, the need for "Skill-based system of education" is becoming more important in present times. A couple of important initiatives taken at the institution towards skill-based education were the establishment of IIC (institute innovation counselling) Cell, motorsport club, the certificate course on German and Japanese Language. The RCPIT, Shirpur has also tie-up with international MOOC's platform like Coursera, NPTEL.

These initiatives help students to build their careers in the selected areas. This is a big step towards diminution of the problem of educated unemployed youths in the state. For IIC cell and MOOC's certificate course, college have been signed MOUs with some of the top organization where students successfully complete activities. The RCPIT college also assists the successful students in getting lucrative placements across the country.

From previous two academic year our institute become an autonomous, it help for excellence in academic performances, capability of self- governance and enhancement in the quality of education.

File Description	Documents
Appropriate link in the institutional website	https://www.rcpit.ac.in/activity/coursera-launch-program, https://www.rcpit.ac.in/training-courses
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. To recruit and retain well qualified motivated faculty.

2. To provide amenities and sports facilities in harmony with nature.

3. To provide holistic value based education and inculcate entrepreunal abilities in students to face the challenges of corporate world.

4. To arrange career guidance programmes.

5. To obtain better NIRF Ranking

6. The college plan for adding new courses in academics

7. To apply for NBA