YEARLY STATUS REPORT - 2022-2023

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	**Dr. Ujwala Manoj Patil**	
• Phone No.	**02563259600**	
• Mobile No:	**7588002789**	
• IQAC e-mail ID	**dean.qa@rcpit.ac.in**	

3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.rcpit.ac.in/files
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/uploads/download/1685085570.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	**3**
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken	**Yes**

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)

Planning to start new course like MCA in next Academic Year

Review placement activities of AY 2022-23 and action plan of AY 2023-24

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, Nonteaching 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 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, AntiRagging 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.
To approve structure and syllabus of all UG courses; also finalize academic calendar of AY 2022-23	Syllabus and structure of UG Course is approved and Academic Calendar for AY 2022-23 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.	483 offers with 368 unique students were placed in reputed companies with average salary of 3.6 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	08/08/2023

14.Was the institutional data submitted to	Yes

AISHE ?	

Year	Date of Submission
2022-23	06/02/2024

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 29 April 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 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. 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 Number of programmes offered during the year:	7

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

2.Student

2.1 Total number of students during the year:	2430

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2 Number of outgoing / final year students during the year:	588

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

2.3	2430

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	**524**
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:	

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

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

4.Institution

4.1	**As applicable for minority institution**
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	

4.2	**36**
Total number of Classrooms and Seminar halls	

4.3	**1014**
Total number of computers on campus for academic purposes	

4.4	**928**
Total expenditure, excluding salary, during the year (INR in Lakhs):	

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.

We have defined COs and PSOs of all the programs and alligned those with POs. By incorporating these outcomes into curricula, institutions can ensure that students are equipped with the necessary skills and competencies to address the needs of communities, nations, regions, and the world at large.

This approach not only benefits individual learners by preparing them for meaningful participation in society but also contributes to overall societal development by producing graduates who can innovate, problem-solve, and contribute positively to their environments.

File Description	Documents
Upload additional information, if any	**No File Uploaded**
Link for additional information	https://www.rcpit.ac.in/department-of-computer-engineering

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

6

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

9

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
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

9

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 andUniversal Human Rights courses are conducted and at third

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yearlevel Environmental studies and Professional and
BusinessCommunication are conducted.
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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	**No File Uploaded**

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

13

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

1622

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

161

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	A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.rcpit.ac.in/grievance
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

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/placement-records
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

597

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)

395

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 toeach 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
01/06/2022	**2430**	**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 toe 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

114

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

04

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)

1291

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

30

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

115

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 beone 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 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 programoutcomes 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

527

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://docs.google.com/forms/d/e/1FAIpQLSfTHucgh3nWtCEe9_MqJH7JS5-IpH2FciwOJsarX47KyEWxLw/viewform

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	[View File](#)

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..**
- **Organized workshops, seminars and guest lectures on Entrepreneurship for students of our institute.**
- **Center of excellence was established in institute on 16th November 2022 by software company Honeywell to skill the student youth and prepare them to be employed**
- **Incubation Center is started to facilitate students to convert their ideas into Technological Innovations.**
- **To create knowledge resources in IPR as well as to inculcate the IPR knowledge in course work. During the last year, with the continuous and sustained efforts all the faculty and students and also in collaborative research 12 patents are granted and 11 Published and 2 patents applied.**
- **Motorsports Club was started bystudents to test their engineering skills against the best inthe country. Students carried out their innovations in designing and fabricating the vehicles and participated in various competitions organized by SAE India.**
- **Institute has recognized Research Centers in the department of Computer Engineering and Electronics and Telecommunications Engineering.**
- **RCPIT has a MoU's to facilitate and co-ordinate institute-industry interactions.**
- **College is having e-yantra Lab supported by IIT Bombay.**

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

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

52

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

6

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

42

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

17

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

531

File Description	Documents
Any additional information	**No File Uploaded**
Bibliometrics of the publications during the year	[View File](#)

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

`1.016`

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)

`2.93328`

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	[View File](#)
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

Extension activities play a pivotal role in sensitizing students to social issues, fostering their holistic development. Firstly, these activities offer hands-on experiences beyond the classroom, allowing students to engage directly with communities facing social challenges. Through volunteer work, outreach programs, or community service projects, students develop empathy and understanding towards diverse societal issues such as poverty, inequality, and environmental degradation.

Moreover, extension activities encourage critical thinking and problem-solving skills as students analyze root causes and potential solutions to these issues. They learn to collaborate with peers, community members, and organizations, honing their communication and leadership abilities in the process.

Participation in such activities also nurtures a sense of social responsibility and citizenship among students, instilling values of compassion, empathy, and respect for diversity. By actively contributing to the betterment of society, students cultivate a deeper sense of purpose and fulfillment, enhancing their overall well-being and personal growth. Ultimately, extension activities serve as catalysts for holistic development by integrating academic learning with real-world experiences, fostering empathy, critical thinking, and social responsibility among students.

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

20

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
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

788

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

43

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)

36

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	[View File](#)
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 and to facilitate the teaching-learning process. RCPIT is also recognized as one of the nodal remote centres by IIT Bombay.

A modern computer center occupying an area of 300 sq. mtr. serves as a central facility for all the departments. Center comprises of a server room having eight servers, two IBM servers for data base, a Web server, a Linux server, Library server and a Domain server. All the terminals in the center and computer Labs are connected through high speed networking with AVAYA Technology and Cisco switches and are certified by AVAYA, a US based company. A Firewall unit also exists for monitoring and controlling network traffic. All the terminals are provided with Internet connectivity by Leased Line with the bandwidth of 200 Mbps .

The institute's central library covers a ground area of about 612

sq. mtr. with a seating capacity of 150 students. The students can also access journals and magazines through the magazine zone available in the library.

A fully air conditioned auditorium with a seating capacity of over 300 audience, serves as an excellent hall for seminars, guest lectures.The auditorium is supported by a very powerful audio system, LCD projector and comfortable seating arrangement.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	www.rcpit.ac.in

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 facilities(Table tennis, carom, cricket, tennis and Gym), TV room, STD booth etc, are made available to the students which provide a homely atmosphere. Solar water heater provides hot water throughout the year and Aqua-guard has been installed for a clean supply of.The rooms are spacious enough for students to stay and study in comfort. Keeping in mind, 'Health is wealth', a modern health and entertainment club is made available with the facilities like mini theater, coffee shop, party lawn, gym equipments, steam bath, sauna bath, swimming pool, yoga room and indoor games for students.

The College has a spacious ground for outdoor sports. Being a reputed institution, coaches of repute are associated with our College. The College has a tie-up with external agencies (Shirpur Cricket Association, Municipal Council, etc.) to enable students to avail of their facilities in sports.

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 and soft ball. Our College staff also provides its expertise to the University 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. Bus is also organized for the events such as
Industrial visits, study tours, etc.

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	**No File Uploaded**
Paste link for additional information	[www.rcpit.ac.in](#)

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

36

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)

577.95

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 - Master-Soft (LIBMAN)

Nature of automation - Fully

Version- -

Year of automation - 2017

Link- https://libcloud.mastersofterp.in/Homepage/Index/ESTllyGgcvY=

Present a write-up within a maximum of 200 words:

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.

ACQUISITION & CATALOGUING:

The cloud-based automation library software helps in the Acquisition & Cataloguing of books in multiple formats. It organizes the books, journals, and other digital resources collection, and enables the users to access them quickly & efficiently.

CIRCULATION:

The Library Circulation Module enables the librarian to perform all the activities related to book lending such as book issue & return with few clicks.

OPAC - ONLINE PUBLIC ACCESS CATALOGUE:

Online Public Access Catalog or OPAC is a digital database of various books & other reading materials that may belong to globally located libraries. It simplifies the search of users by enabling them to enter fields like - Title, Keywords, Author's Name with remote access for searching any document.

SERIAL CONTROL:

Serial control streamlines library processes right from book placement to receipt generation & minimizes data entry work to a great extent.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.iitms.co.in/products/rf-lib-man/

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)

16

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

297

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

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.

Institute has a robust IT infrastructure with proper maintenance and up gradation policy in timely fashion. IT infrastructure Includes following:

1. Adequate Internet Connectivity with Leased Line from BSNL of 200 Mbps and Backup line of 350 Mbps capacity.
2. Campus wide Cisco Enterprise WIFI solution,
3. Well equipped and modern computer systems (All in One) in each lab,
4. Avaya certified structured cabling for robust connectivity.
5. Robust security solution in the form of cutting edge Next Generation Firewall which controls the flow of traffic through various security policies designed for optimum security.
6. Each computer endpoint has licensed OS to ensure proper patching and updation of Windows Defender antivirus to maintain decent security against threats.

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
2431	**1014**

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	**No File Uploaded**

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

D. Any one of the above

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

928

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

Residential Township: Staff quarters and township facilities, Safety, Security management, Water facility and health center

Teaching- Learning Infrastructure: Smart Class rooms

Library & Information Centre: CCTV and Lockers facility, Removal of obsolescence

Digital & E-Library: Digitization of Library resources, Establishing cloud based e-library & online access

Industry- Institute Relationships: Strengthen placement, training and industry institute interaction cell, Identify branch wise preferred industries & companies, Identification of potential areas of research, MoUs & NDA with potential industries/companies.

Research, Development and Innovation: Enhancing R&D laboratories in all departments, Modernisation and removal of obsolescence of laboratories, Dedicated R&D facilitation & documentation centre, competent technical staff for R&D labs,

MOU with premier institutes/R&D labs: MoUs with higher learning institutions in India & abroad. Collaborations with IITs, ISRO, DRDO, WIPRO etc. Multi & inter disciplinary research and product development

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	[View File](#)
Paste link for additional information	**Nil**

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

2007

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

62

File Description	Documents
Upload any additional information	**No File Uploaded**
Institutional data in prescribed format	[View File](#)

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/placement-records
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

483

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

5.2 - Student Progression

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

483

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

00

File Description	Documents
Upload supporting data for students/alumni	[View File](#)
Any additional information	[View File](#)

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

06

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	[View File]()
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

21

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

5.4.2 - Alumni's financial contribution during the year	A. ? 15 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

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

The college follows its vision and mission to serve better for students. The governance of the college matches vision and the mission of the college.

Vision of Institute: -

To achieve excellence in engineering education with strong ethical values.

Mission of Institute: -

- 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 institute aims for academic excellence, national and international competitiveness, leadership and interpersonal skill development, holistic student personality growth, research orientation, community service promotion, and faculty encouragement.

Governed by a dynamic team led by the Director, it upholds policies and committees to ensure operational efficiency, academic integrity, and campus safety. Strategic planning focuses on resource management and development. Its vision is to be a globally distinguished institution fostering active student engagement, pioneering research, societal impact, cultural diversity, community transformation, and technological advancement, shaping a knowledge-driven society and contributing to economic development.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	https://www.rcpit.ac.in/about-us

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

The College embraces a decentralized approach to its operations and governance. The Academic Council, led by the Director, holds authority over academic and operational matters based on established policies. Faculty members and students jointly organize co-curricular and extra-curricular activities across the college. Department heads convene regularly to address specific needs such as equipment, supplies, and resources. Each department operates autonomously in scheduling, subject assignment, and planning activities aligned with institutional and departmental objectives. Budget allocations, approved by the finance committee and communicated by the Director, support departmental requirements.

The institution promotes participative management by structuring governing bodies in accordance with governmental and accrediting agency frameworks. Faculty involvement across committees and student representation ensure inclusivity in decision-making. The Student Council plays an active role, supported by regular meetings and feedback mechanisms. Effective leadership is fostered through departmental, academic, administrative, and faculty management strategies, emphasizing goal alignment, academic quality, professional development, and student engagement. Collaborative program development, external communications, and budget management further enhance institutional effectiveness, nurturing a culture of shared governance and continuous improvement.

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.rcpit.ac.in/organizational-structure

6.2 - Strategy Development and Deployment

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

Curriculum development at the Institute involves input from regulatory bodies like the Governing Body, Academic Council, IQAC, DTE, and AICTE, along with faculty suggestions, subject expert recommendations, alumni feedback, and subject advancements. The department's board of studies proposes curriculum modifications, approved by the academic council.Teaching and learning adhere to the academic calendar of DBATU and RCPIT, with students receiving course outlines and schedules beforehand. Efforts are made to transition teaching from teacher-centric to student-centric, with regular input from subject experts.Examinations are organized by an Examination department to minimize errors, held at designated centers. Results are processed electronically, allowing students to apply for scrutiny and retotaling promptly.Research and development occur within departments, institutes, and centers, guided by the University Research Committee.Infrastructure is continuously upgraded using funds from various sources, including UGC, DTE, AICTE, and the state government. The library is modernized with digital resources, providing access to students and faculty throughout the college hours.Training and Placement focus on overall staff and student development, offering various programs and inviting MNCs for recruitment. Industry collaboration is encouraged through MoUs.Admission is based on merit for First Year and Direct Second Year Engineering, filled at the Institute Level after Government CAP Rounds.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File]()
Paste link for additional information	https://www.rcpit.ac.in/iqac-meetings
Upload any additional information	[View File]()

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.

Top management plays a crucial role in spreading technical education, organizing institutions for national and societal development, defining policies and strategies, arranging necessary funds, and motivating staff through continuous interaction and support.The Director, as the administrative and academic head, is responsible for academic growth, participation in teaching, research, and training programs, admission and discipline maintenance, budget preparation, compliance with regulations, staff welfare, and timely submission of information to relevant authorities. Faculty members contribute significantly to academics and student development by preparing teaching plans, conducting lectures and practicals, evaluating student work, organizing extracurricular activities, staying updated with technology, applying innovative teaching methods, participating in research, and fulfilling departmental or institute-level assignments.Overall, each role collaborates to ensure the Institute's academic excellence, student welfare, and contribution to societal development.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.rcpit.ac.in/organizational-structure
Upload any additional information	[View File]()
Paste link for additional Information	https://www.rcpit.ac.in/files/Policies-for-Maintaining-and-Utilizing-Physical-Academic-and-Support-Facilities.pdf

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

Examination

File Description	Documents
ERP (Enterprise Resource Planning) Documen	<u>View File</u>
Screen shots of user interfaces	<u>View File</u>
Details of implementation of e-governance in areas of operation	<u>View File</u>
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 for teaching and non-teaching staff, such as employee provident fund, study leave, maternity leave, and AICTE pay scales. The institution has set norms for the professional development of faculty members and non-teaching staff by motivatingthem to pursue higher studies, providingfinancial assistanceto attend FDP, Conferences, Workshops, andSeminars intheir field of specialization, andencouragingthem to attend and presentresearch papersin National / International conferences andpublishing researchpapersin 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. The institute also provides immediate funds to staff in a medical emergency.One day's salary for each staff member gets deducted as a welfare fund and given so that in case of accidental death of anyemployee, thewelfare 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 economic resources. Statutory auditing is done at the end of each financial year.

File Description	Documents
Upload any additional information	<u>View File</u>
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

15	

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

1	

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.)

153	

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	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Annually, the institution undergoes thorough financial audits both internally and externally to fulfill reporting requirements mandated by regulatory bodies such as AICTE, UGC, and the state government. The Accounts Department, led by the finance officer, regularly

updates financial statements to ensure compliance.Internally, audits are conducted twice a year by Mr. A. R. Shimpi, appointed by the parent trust. These audits cover transactions and statements, including cashbook, bank accounts, ledgers, bills, and vouchers. Random sampling of account data is performed to verify accuracy. Externally, Mr. V. M. Rathi (CA), an independent auditor appointed by the parent trust, conducts audits. Financial statements are finalized by June or July, signed by the principal and the chartered accountant, marking the end of the fiscal year's accounting.Audit scope extends to funds from governmental and non-governmental research agencies, with specialized consultations ensuring compliance with their guidelines. Both internal and external audits consistently exhibit minimal discrepancies, highlighting the institution's dedication to financial transparency and adherence to auditing standards.

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	[View File](#)
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	[View File](#)
Any additional information	[View File](#)

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

The R.C. Patel Institute of Technology finances its operations primarily through state government funding, the University Grants Commission (UGC), the Department of Technical Education, the Accreditation Council for Graduate Education, and its own management resources, maintaining autonomy from external organizations.

Budget allocation focuses mainly on staff salaries, funded by state

government allocations and institute trust funds. Government funds are strictly managed according to predefined budgets, with departmental budgets crafted collaboratively by teaching and non-teaching staff under department heads' guidance.Budget planning begins with the Annual Budget Committee and concludes with approvals from the Institute's Head and Trust, ensuring strict adherence to financial governance standards.Resource utilization emphasizes infrastructure enhancement, managed by department heads based on strategic objectives. Expenditure requires approval from multiple governance bodies, ensuring judicious spending aligned with institutional priorities. Resource mobilization includes student fees, financial aid programs, administrative fees, and alumni contributions for community development.Efficient resource use prioritizes quality education through innovative teaching methods, operational expenses for administration and asset maintenance, annual library infrastructure enhancement, robust infrastructure development, and budget allocation for community service projects.The overarching strategy aims to enhance education quality and student development opportunities, fulfilling educational and societal mandates effectively.

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)

The institute is actively encouraging the development of skills among both teaching and non-teaching staff through research and innovation. The institute supports teaching staff by promoting their participation in workshops, Faculty Development Programs (FDP), and Short-Term Training Programs (STTP). Additionally, the institute encourages staff to publish research papers in indexed journals and conferences, further promoting their expertise and contributing to the broader academic community. The institute has implemented an ERP system to enhance communication with parents regarding their child's academic progress. The system provides regular updates to parents about their ward's continuous academic development, fostering a

stronger partnership between home and Institute. Moreover, the institute has proposed the introduction of a Master of Computer Applications (MCA) program for undergraduate students interested in pursuing opportunities in the computer domain. This program aims to provide students with the necessary skills and knowledge to excel in the field and meet the growing industry demand for computer professionals.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.rcpit.ac.in/files/IQAC-MOM-23.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

The institute has introduced teaching-learning components in the autonomous syllabus through the Teachers Assessment (TA) activity. The TA activity involves presentation, group discussion, and TA3 activity. The TA3 activity is a subject-specific innovative activity decided by the subject teacher. This activity aims to identify the latest developments in the subject content through various innovative practices, promoting a dynamic and up-to-date curriculum that prepares students for the ever-evolving demands of the industry.In every subject, students perform innovative experiments using both hardware and virtual laboratories at the IITs. Additionally, project-based learning is achieved through semester projects that are integrated into the curriculum in the second and third year. Institute has taken steps to incorporate soft skill-based subjects into the curriculum, aiming to enhance students' confidence during placement interviews. In addition, the institute has initiated foreign language courses such as Japanese and German to promote students' job prospects.The institute offers an 8th semester curriculum with an internship or research activity program. Students can choose to intern at companies or conduct research within the institute, gaining practical experience and exposure to real-world applications

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.rcpit.ac.in/files/IQAC-MOM-23.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	https://www.rcpit.ac.in/files/Academic-Audit-Report-RCPIT-2022-23.pdf
Upload e-copies of accreditations and certification	[View File](#)
Upload details of quality assurance initiatives of the institution	[View File](#)
Upload any additional information	[View File](#)

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	Nil

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)

To keep the campus in ecofriendly, all stakeholders follow good hygienic practices as well as a comprehensive waste management plan. The college has different dustbins for different types of waste, such as biodegradable, recyclable and non-degradable. Green, blue and red bins have been provided across the campus for the collection of solid waste generated at different sources in the college. Organic waste is disposed off in compost pits and processed and reused as manure for the plants and trees inside the campus. Plastic usage is prohibited on campus so as to create a plastic-free zone.The RO plant's rejected water is then used for plants. The Physical Education department has a first aid medical kit, where students are more susceptible to minor injuries. The kit's waste such as cotton gauze and plaster are disposed along with non-

degradable wastes. All E-Wastes such as computer, its accessories and all electronic wastes are collected and discarded through the authorized vendor to ensure no hazard to the environment. In the laboratories, hazardous chemicals and dyes are not used. The college has well maintained and pollution free environment because of meticulously following the green and waste management systems.

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

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	**B. Any 3 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: Human assistance, reader, scribe, soft copies of

`B. Any 3 of the above`

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. 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.

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. The college encourages the students to take part in blood donation camps, students have taken up many cleanliness drives both inside the campus and nearby villages considering it as a responsibility of every citizen. The students have also taken up Plantation drives to provide a clean and green environment for all. The college has also conducted a voter awareness programme for all the students and was sensitized about their constitutional powers of voting.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 saving our 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.Every year Republic day is Celebrated on 26th January by organizing activities highlighting the importance of Indian Constitution. Independence day is also celebratedto highlight the struggle of freedom and the importance of Indian constitution.

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	**D. Any 1 of the above**

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	**No File Uploaded**

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. Allstaff 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.

Republic day and Independence Day is celebrated every year, flag hoisting is organized. The institution encourages students to remember our national leaders and their sacrifices and spreading a warm message of nationalism in a speech by the Director sir..

Gandhi Jayanti is celebrated every year on 2nd October,the Gandhian ideologies of truth and nonviolence and inspire them to contribute towards the peace and prosperity of the Nation.

International Yoga day is celebrated on 21st June . To aware students that how Yoga embodies unity of mind and body; thought and action; restraint and fulfilment.

Maji Vasundara Day is celebrate to motivate and tell all students regarding importance to keep our environment clean.

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	[View File](#)

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

Practice I

Title of Practice I: ICT based initiatives in teaching learning

Practice II

Title of Practice II: Promoting engineering education in tribal region.

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

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 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 beacademically sound with values and strong professional ethics. In present era, problem of unemployment among educated youth. 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 and MOOCs.

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. Thecollegeassists all successful students in getting lucrative placements across the country.

Our institute is an autonomous institution it help for excellence in academic performances, capability of self- governance and enhancement in the quality of education.

The college aims is to motivate the students to develop their hobbies and achieve success in life.

File Description	Documents
Appropriate link in the institutional website	https://www.rcpit.ac.in/about-placement-cell
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- To create an enabling environment for holistic development of Students, Faculty and Support Staff;

- To fulfil its Social Obligations, in the manner of providing formal & informal education, dissemination of Knowledge, organizing programmes and activities for the benefit of the Community and Other Stakeholders;

- To encourage and facilitate Research Culture, to promote Research by students and Faculty and Consultancy by Faculty;

- To enter into MOU's with Corporates and Industry Associations to promote Academia -Industry Linkages, to enable placements, internship, training, etc. for the students;

ActionPlan for Nextacademic year :

- To encourage departments to apply for research projects

- To organize workshops/seminars/conferences on various themes in the offline mode.

- To bring each corner of campus as well as classrooms, laboratories under Centralized CCTV Monitoring System.

- To Implement Structural Repairs to Building and Electrical Repairs, on the basis of Structural Audit, carried out by the Management;

- Use of Short Messaging Service (SMS), Apps developed and designed for communication with Students, to be extended to students of all courses;

- To upgrade Library Resources to include digital content, which can be accessed by Students and Faculty online;