



**R. C. PATEL
INSTITUTE OF TECHNOLOGY**

IQAC-EXTERNAL PEER TEAM REVIEW REPORT

R C Patel Institute of Technology , Shirpur (Maharashtra)
An Autonomous Institute
NAAC Accrediated with an "A"Grade (C G P A : 3.18)
Affiliated to Dr. Babasaheb Ambedkar Technological University , Lonere

Academic Audit Report
on
Performance of the College

2021-22

By
External Peer Team of IQAC



R. C. PATEL INSTITUTE OF TECHNOLOGY

(An Autonomous Institute)

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IQAC-EXTERNAL PEER TEAM REPORT ON

PERFORMANCE OF THE COLLEGE

Academic Audit Report of R. C. Patel Institute of Technology, Shirpur

Academic Year (2021-22)

Academic Advisors Report (AAR)

I-COLLEGE PROFILE

1	Name of the College, Website, email and Ph.No.	R. C. Patel Institute of Technology, Shirpur www.rcpit.ac.in, director@rcpit.ac.in, (02563) 259600
2	Name of the Principal, email & Mob.No	Prof. Dr. J. B. Patil, director@rcpit.ac.in, 9923466699
3	Name of the Vice-Principal, email & Mob. No.	Prof. Dr. P. J. Deore, hodetc@rcpit.ac.in, 9923499960
4	Name of the IQAC Coordinator, email & Mob. No.	Prof. P. L.Sarode, pravinsarodercpit@gmail.com, 9850008471
5	Year of Establishment & own land if any	2001, 7.12 acres
6	NBA accreditation	No
7	NAAC Grade with Cycle, Accredited Year & CGPA (if not Accredited Status of Preparations)	Grade: A Accredited Year : Oct 2017 CGPA: 3.18 Extension upto 31/12/2025
8	UGC Recognition (2F & 12 B)	Yes
9	College Working Hours(if shift system mention details of both shifts & give reasons for shift system)	10.30 am to 5.30 pm
10	No. of Posts Sanctioned:	Regular Faculty Working: 120, Contract Faculty Working: 00, Visiting Faculty: 00
11	Course wise & Year wise Students strength particulars (Proforma enclosed & to be submitted along with AAR)	Available in student strength particulars (Format-3)

II-CURRICULAR ASPECTS

	Item	Impression of Academic Advisor with grade A (Good)/B(Satisfactory) /C (poor) after observation		Recommendation/Suggestions by Academic Advisors
		Grade	Actual Status	
1	Implementation of Annual Institutional Plan	A	A	Well Implemented
2	Departmental Annual Curricular Plans	A	A	Well Implemented
3	College Activity Register for the Academic Year	A	A	Well Maintained
4	Departmental Activity Registers (Dept. Wise)	A	A	Well Maintained
5	Add-on Courses (Department-wise) completed during Academic Year	A	A	Several Add-on courses are conducted during academic year
6	Add-on Courses (Department-wise) in Academic Year	A	A	Institute encourages faculties and students to enroll for Coursera, NPTEL and ADD ON Courses conducted by Training and Placement Department
7	Coverage of Syllabus (Average Percentage)	A	A	90 to 100 present syllabus is covered for all subjects.
8	Teaching of Humanities & Foundation Courses	A	A	Subjects like Basic Human Rights have been taught.
9	Teaching of Environmental Science and Ethics	A	A	Subjects like Basic Human Rights and Environmental Engineering have been taught.
10	No. of New UG & PG Courses introduced this year:	A	A	New course of Artificial Intelligence and Machine Learning(AIML) is introduced this year.



11	Maintenance of Student Attendance Registers	A	A	Well Maintained
12	Feedback forms on Curriculum from students	A	A	Institute has a well structured Online Feedback Mechanism
III-TEACHING, LEARNING & EVALUATION				
1	Teaching Diaries & Plans in the Prescribed Formats	A	A	1) Every subject teacher prepares the teaching plan prior to the starting of the semester. 2) At the starting of every academic year, Faculty Academic Dairy is issued to all teachers. Diary contains academic calendar, teacher's activity calendar, lecture / practical planning and conduction, student attendance, unit wise question bank, test and end semester examination results, Local Guardian student details, project, seminar guided and Records of Personal Achievements etc 3) ERP System is under Implementation
2	Co-Curricular Activities (College Level)	A	A	Institute encourages faculties and students to organize various events every year to encourage students' to improve their Co- Curricular skills
3	Academic Competitions (College & Above level)	A	A	Institute encourages faculties and students to organize and participate in various activities like TCS Codevita, Infyq, Hackathon, Hackwith infy, KPIT sparkle, Accenture innovation challenge, TATA imagination challenge, Flipkart grid 4.0 software challenge, Virtusa neural hack contest, Hacker earth event every year.
4	Conduct of Internal Examinations	A	A	Internal Examinations are conducted as Per Norms
5	Subject wise result analysis	A	A	After every examination result analysis is done.
6	Teacher wise result analysis	A	A	Teacher wise result analysis is done after declaration of results
7	Remedial Classes	A	A	After declaration of results remedial classes are scheduled as per the students need.
8	Record of Evaluation of Teachers by Students	A	A	Institute has a well structured Online feedback Mechanism
IV-RESEARCH AND CONSULTANCY				
1	Is the College a Recognized Research Centre	-	-	Yes, Institute has Recognized Research Centre in Electronics and Telecommunication and Computer Engineering Department.
2	No. of Research Guides in the College	-	-	There are 13 research guides in the college.
3	No. of Research Scholars working for Masters & Ph. D	A	A	Ph.D Completed: 24 Ph.D Pursuing: 89
4	Major/Minor/Other Research Projects	A	C	Faculties received sum of Rs. 39,72,000 under various granting scheme like VCRMS, RTGST ,UGC etc. upto 2021-22. Current Academic Year -NIL (2021-22)
5	Research Papers Published in Academic year (International /National)	A	B	35 Reaserch Papers have been published in academic year by faculty members
6	Papers Presented in Academic year (International /National/ State)	A	B	23 Reaserch Papers have been presented in academic year by faculty members
7	Books Published in Academic year (Single Author/ Co Author)	A	B	13 Books have been published in academic year by faculty members
8	Seminars/Workshops/ Training Programme Conducted in Academic year (International /National/ State)	A	B	Institute has conducted 12 workshops in the year 2021-22 and faculties attended 28 workshops, 27 FDP, 01 STTP, 03 Refresher Programme, 161 MOOCs, 119 seminar-webinar in the year 2021-22
9	Record of Consultancy in Academic year	A	C	Department of Civil Engineering have done consultancy work: Rs.9,13,607 <u>Suggestions by Academic Advisors : Need to Increase consultancy activities</u>
10	Record of MOUs in Academic year	A	B	55 MoUs are signed with various organizations / firms till date. In year 2021-22, total 03 MOU's are signed in previous academic year
V-EXTENSION ACTIVITIES				



1	Record of Subject/Department Related Extension Activities	A	A	Well Maintained
2	Name of the NSS PO & Mobile No.	-	-	Prof. M R Patil : 7588001822
3	NSS Attendance register	A	A	Well Maintained
4	NSS Activity register	A	A	Well Maintained
5	Name of the NCC ANO & Mobile No.	-	-	NA
6	NCC Attendance register	-	-	NA
7	NCC activity register	-	-	NA
8	Name of the Professional Club Coordinator & Mobile No.	-	-	Institute has professional clubs which functions under R & D Coordinator. Clubs like MESA, CESA, EESA etc Coordinator Prof. Dr. T. H. Jaware :7588001699
9	Professional Club Activities	A	B	Following activities were conducted Under Institutes professional Clubs.e.g TCS Codevita, Infyq, Hackathon, Hackwith infy, KPIT sparkle, Accenture innovation challenge, TATA imagination challenge, Flipkart grid 4.0 software challenge, Virtusa neural hack contest, Hacker earth event every year.
10	Name of the Women Empowerment Cell Coordinator & Mobile No.	-	-	Prof. Dr.Mrs. U. M. Patil : 7588002789
11	WEC Activities	A	B	Make students aware about the current issues regarding women safety. Institute organized awareness program in the campus.
12	Name of the Eco-Club Coordinator & Mobile No.	A	A	Prof. Dr. Mrs. A. A. Bhandari : 9422750443
13	Eco- Club Activities	A	A	Institute conduct Eco Friendly Activities like Tree Plantation, Swachha Bharat Abhiyan, Awareness Camps etc
14	Name of the Consumer Club Coordinator & Mobile No.	-	-	NA
15	Consumer Club Activities	-	-	NA : <u>Suggestions by Academic Advisors : Institute should establish Consumer Club</u>
16	Innovation Activity club	A	B	Institute has Institute Innovation Cell (IIC Cell) for promoting the Innovation & entrepreneurial skills among students.
17	Technology Development and Transfer Cell Activities	A	A	Institute has Institute Innovation Cell for promoting Technology Development and Transfer. <u>Suggestions by Academic Advisors : Institute should focus on Technology Development and Transfer</u>
18	Any other Club	A	A	RCPIT Motor-Sports Club
VI-LEARNING RESOURCES				
1	Name of the Librarian & Mob.No	-	-	Mr. Mahesh D. Sonwane 9421465718
2	Access timings of the Library	-	-	9.00 am to 6.00 pm
3	Circulation of Books among Students	A	A	Two books are issued to each student for period of Two weeks.
4	Availability of Previous years Question papers	A	A	All question papers from previous years are made available to students on website.
5	Availability of model answers of previous examinations	A	B	Available
6	Record of Visitors to Library	A	A	Well Maintained
7	Status of Library Automation	A	A	Library automation is done using MASTERSOFT software
8	e- Resources & e-Journals	A	A	Library has 03 e-Resources: DELNET,N-LIST (Inflibnet), NDL (National Digital Library)
9	Number of E-Journals	A	A	Library has 03 e-Resources: DELNET,N-LIST (Inflibnet), NDL (National Digital Library) Open access journals :37000 under N-LIST and NDL Scheme
10	Number of Print Journals	A	A	54 print journals available in the library.
11	Access to NPTEL courses	A	A	Yes, has access to NPTEL courses



12	Access to Spoken Tutorials	A	A	Yes, students have access to Spoken Tutorial.
13	Access to e-learning tutorials	A	A	
14	TED-X activity on campus	-	-	<u>Suggestions by Academic Advisors : Institute should have its own TED-X Club</u>

VII-STUDENT SUPPORT ACTIVITIES

1	Name of Dean/Faculty Incharge & Mob.No	-	-	Prof. Dr. Mrs. A. A. Bhandari : 9422750443 Mr. Nimbaji Sonsing Rathod : 9561314975
2	Activities and Support for Sports	A	A	Well Maintained
3	Records of events conducted and significant achievements in Sports & Games	A	A	All the records of event conducted are available in the Institute gymkhana, Records of all significant achievements in Sports & Games are available in the Institute gymkhana.
4	Record of cultural programmes conducted	A	A	Records of all Cultural programmes are available with Institute.
5	Record of any other extra-curricular activities conducted	A	A	Institute organizes events like tree plantation, blood donation, social awareness, Sport's Events, programs through NSS and various student associations. Records of all extra-curricular activities are available with Institute
6	Record of Students trained in different verticals	A	A	Well Maintained
7	Record of Student placed in In campus placement	A	A	Well Maintained
8	Name of Career Guidance Coordinator and Mob. No	A	A	Mr. Milkesh Jain 9403560548
9	Record of activities Career Guidance and placement cell	A	A	Well Maintained
10	Name of Departmental Research Coordinator & Mob. No.	A	A	Institute R & D Coordinator Prof. Dr. T. H. Jaware :7588001699
11	Implementation of Departmental Research Plan	A	A	Well Implemented
12	IQAC activities & maintenance of records , (Action	A	A	Well Maintained
13	Record of Alumni Association Activities	A	A	Well Maintained
14	Record of Grievance Redressal Cell / Anti Ragging Cell	A	A	Well Maintained
15	Awards and Prizes earned by students	A	B	Students participated in various state and national events
16	Mentoring / Counseling System	A	A	Institute adapted Tutor scheme, in which a Local Gaurdian is assigned to every student for mentoring/counseling.

VIII-BASIC AMENITIES

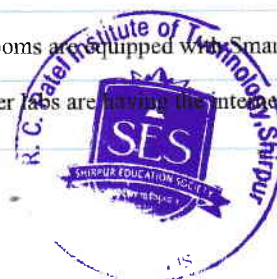
1	Maintenance of drinking water	A	A	Well Maintained
2	Maintenance of Sanitation	A	A	Well Maintained
3	Rest room for women students	A	A	Available
4	Greenery & Cleanliness	A	A	Well Maintained
5	Health Care Facility	A	B	Well Maintained
6	Canteen	A	A	Well Maintained

IX-GOVERNANCE AND LEADERSHIP

1	Staff meetings Register	A	A	Well Maintained
2	Functioning of Committees in Administration (Minutes of Meetings)	A	A	Well Maintained
3	Awards/Achievements of faculty	A	C	NIL
4	Faculty development initiatives	A	A	Institute Collaborated with various IIT's for arranging FDP's. Institute also have access to Coursera and NPTEL Institute sponsors each faculty member to attend one workshop / conference / seminars each year.

X - IT INITIATIVES

1	e-class rooms (Number & Usage)	A	A	All Class rooms are equipped with Smart Boards
2	Internet Centre	A	A	All computer labs are having the internet facility.300 Mbps BW.



3	Computer labs (No. of labs & working systems)	A	A	21 computers labs with 760 PC's. Avaya Certified labs with Structured Cabling
XI-Best Practices				
1	Record of best/innovative practices by the institution	A	A	Project Based Learning, Local Guardian scheme, Teacher Assesment Practices.
2	College Activity Register/ Annual Report	A	B	Well Maintained
3	Hard Copy of AQAR	A	A	Hard Copy of AQAR is available
4	Over All Impression on the College	A	A	Excellent

Remark by External Members:

1. Encourage faculty to takeup more funded projects
2. Maintain students competency mapping process.
3. Increase no. of research papers & Book writing by faculty members.
4. Need to increase consultancy activities.

Signature of the Director

[Signature]
6/11/22

Signature of External Members

Signature of the Deputy Director

[Signature]
6/11/22

1.

[Signature]
Prof. S.G. Bhimad
VJTI Mumbai

2.

[Signature]
Dr. M.U. Khobragade
COE Pune

IQAC Co-ordinator

[Signature]
6/11/2022

