Yearly Status Report - 2018-2019

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	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02563259600**
Mobile no.	**9923466699**
Registered Email	**principal@rcpit.ac.in**
Alternate Email	**jbpatil@hotmail.com**
Address	**Near Nimzari Naka,Shahada Road, Shirpur**
City/Town	**Shirpur Dist: Dhule**
State/UT	**Maharashtra**
Pincode	**425405**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Prof. Pravin Laxmanrao Sarode**
Phone no/Alternate Phone no.	**02563259600**
Mobile no.	**9850008471**
Registered Email	**pravinsarodercpit@gmail.com**
Alternate Email	**pravinsaru@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.rcpit.ac.in/mainpage.php?pid=315

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.rcpit.ac.in

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity Period From	Validity Period To
1	**A**	**3.18**	**2017**	**30-Oct-2017**	**29-Oct-2022**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**15-Oct-2015**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
No Data Entered/Not Applicable!!!		

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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Prof. Pankaj E. Kasar	TEQIP	Dr. Babasaheb Ambedkar Technical University, Lonere	2019 365	300000
Institution	Dr. BATU i2e Incubation centre	Dr. Babasaheb Ambedkar Technical University, Lonere	2019 365	250000
Prof. Gaurav V. Paliwal	NMIMS Seed Funding	SVKM	2019 365	85000
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**3**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

Encourage staff to publish research paper in national and international journals Awareness of MOOCs based Teaching Learning Promoting MOODLE based teaching learning platform Promotion of Internships amongst UG students Promoting Industry /Institute Interaction

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Plan to promote ICT base Teaching learning System	1.Conducted 8 weeks International MOOCs FDP: Creating Open Source Cloud based Gnomio Moodle of Your Own Subject for OBE 15 April 2019 to 10 June 2019 2. Institute has implemented MOODLE based teaching learning platform is being used for Students.
Plan to organize Technical Fest for Students	State Level Symposium (Converges 2K19) is organised for the Under Graduate Students on 9th April 2019
Encourage staff to submit research proposals for funding	Submitted proposals to seek funding from different funding agencies like university, UGC and AICTE .
Plan to enhance Industry Institute Interaction activities	Regular Industry-Institute-Interaction has been conducted by inviting Technical Experts to deliver technical lectures to the students, to update their knowledge regarding advance technology.
Workshops/Seminars conducted on Intellectual Property Rights (IPR)	"Awareness Program on Patent / IPR by Dr. Pritam G. Shah on 30/07/2018 Effective Patent Writing by Adv. Swapnil Gawande Director BLI Consultancy Pvt. Ltd. Amravati Reg. Patent Attorney on 09/03/2019. "
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Management	20-Dec-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	2019
Date of Submission	20-Sep-2019
17. Does the Institution have Management	**Yes**

Information System ?	
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Yes. The institution has a Management Information System through Mastersoft Cloud software. It contains the information of students in terms of admission fees, attendance, documents etc.The IT support team of institute developed a online student feedback system(Vidyarthi Rai Pranali) which manages students feedback regarding teachers and teaching learning process.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The institute is affiliated to the North Maharashtra University (NMU), Jalgaon and Dr. Babasaheb Technological University, Lonere (DBATU). The institute follows curriculum prescribed by the universities. Apart from this prescribed curriculum the institute follows very systematic approach to develop and deploy action plans for effective implementation of the curriculum as given below. At the start of every academic year, the affiliating university gives a tentative calendar about start and end of the semester, holidays, practical / oral examination dates and end semester examination. • By taking university calendar as an input, Principal and Head of Departments (HODs) discuss and prepare the academic calendar for the institute which includes Internal Sessional Examination (ISE) dates and all activities. • Head of the department distributes the teaching load to faculties by considering subject choices given by faculties. • For new courses institute arranges training program for that course. Institute also arranges workshop for faculties for effective teaching learning. • Institute plans and defines the evaluation criteria for ISE and Internal Continuous Assessment (ICA) marks. • Along with the academic calendar, faculty Academic Diary is also issued to every faculty. Academic Diary covers: • Faculty Profile • Individual Time Table • Academic Calendar • Calendar Planning of Faculty Activities • Course Objectives • Lecture Planning (Teaching Plan) and Practical Planning – Batch wise • Attendance Record (Theory/ Practical/ Tutorial) • Lecture Details • Details of Lecture Compensated • Summary of Record of Action Taken against Less Attendance • Record of Practical Assessment • Record of ISE • Result Analysis of Internal Sessional Examination • Result Analysis of End Semester Examination • Record of Content Beyond Syllabus • Record of Seminar, Minor and Major Project • Record of seminar, workshop, conference

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepre neurship	Skill Development
German Language course		19/08/2018	90	employabilit y/ entrepren eurship	Foreign Language verbal and written Comm unication

Japanese Language Training	19/08/2018	90	employability/ entrepreneurship	Foreign Language verbal and written Communication
Software Testing	16/07/2018	90	employability	Critical thinking and problem-solving.

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
No Data Entered/Not Applicable !!!		

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
No Data Entered/Not Applicable !!!		

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
C/C Plus Plus	01/08/2018	100
Android Development	16/07/2018	38
AutoCAD	16/07/2018	40
CRTP	16/07/2018	1718
Python	15/01/2019	186
IoT	27/01/2019	159
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	All	268
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes

Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
At the end of each semester, feedback is collected from students. The collected feedback is summarized and the consolidated report is sent to Principal. The faculty with average and poor feedback are counselled by Principal in the presence of HOD. Teachers also assess the students through various mechanisms such as regular interaction with students, assignments, daily attendance and internal tests. For the effective implementation of the Academic system, the following feedback methods are ad opted. Direct Feedback from Students: Each Section of the department has a Class Committee consisting of students, class teacher and HOD. Students are invited to express their views on various subjects, pedagogical methods and academic environment of the department. Interactive Feedback: Principal and HOD interact with students directly in the absence of teachers for unbiased feedback covering performance of teachers, coverage of syllabus etc. Online Feedback: The consolidated feedback of all subjects is collected online and analyzed by HOD.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	**2362**	**0**	**115**	**0**	**115**

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
115	**115**	**2**	**17**	**13**	**5**
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Local Guardian (LG) System: The LG system is implemented since the inception of the institute. In this system,

equal numbers of students are allocated to each faculty. The faculty remains his/her local guardian till the student gets passed the degree programme. The LG keeps all the academic records like internal test, end semester marks, attendance throughout the year. The LG keep track of the overall progress of student under him/her for the entire period of the graduation of student. The LG conveys the overall progress of the students to his/her parent regularly. Even the student remains absent for a single lecture, the LG calls parent and reports about the absentee of the students. This system has been proved very effective and fruitful in the sense that the student remained attached with the institute even after graduation. This makes alumni bonding very strong with the institute.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2362	115	1:20.5

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
115	115	0	0	13

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Prof. Dr. T. H. Jaware	Assistant Professor	Promising Engineer award, from Institution of Engineers, Nashik
2019	Prof.Dr.S.A.Patil	Assistant Professor	University level Avishkar 2018 Poster Presentation
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	BE	VIII	28/05/2019	08/07/2019
BE	BE	VI	24/05/2019	08/07/2019
BTech	BT	IV	24/05/2019	25/07/2019
BTech	BT	II	24/05/2019	25/07/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

For Laboratory: Institute conducts the experiments given by university in the syllabus. The Continuous Internal Evaluation for laboratory is based on lab attendance, continuous assessment of experiments and innovative experimentation. For Theory: Institute conducts the Test I, Test II and Mid-term examination for continuous internal evaluation for theory. The Continuous

> Internal Evaluation for theory is based on class attendance, practical attendance, quizzes and assignments.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

> • Academic calendar is prepared by institute in accordance with Academic calendar provided by DBATU, university. • Academic calendar contains academic and extracurricular activities including dates of internal exams, which is notified to the students. • Academic calendar contains the detailed scheduling like start of teaching, end of teaching, start of unit , end of unit , dates of class Test I, II and mid-term exam, dates of end term practical and theory examinations.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://rcpit.ac.in/mainpage.php?pid=102

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
BE	BE	Electrical Engineering	71	69	97.18
BE	BE	Civil Engineering	60	60	100
BE	BE	Mechanical Engineering	193	161	83.41
BE	BE	Information Technology	34	33	97.05
BE	BE	Electronics and Telecommunication	73	65	89.04
BE	BE	Computer Engineering	132	125	94.69
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://rcpit.ac.in/mainpage.php?pid=133

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Students Research Projects (Other	365	Dr. BATU i2e Incubation centre	2.5	0

than compulsory by the University)				
Minor Projects	365	SVKM'S NMIMS University, Indore.	0.85	0.85
Major Projects	365	Dr. Babasaheb Ambedkar Technical University, Lonere	3	3
		View File		

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Awareness Program on Patent / IPR by Dr. Pritam G. Shah	Training and Placement Department	30/07/2018
Effective Patent Writing by Adv. Swapnil Gawande Director BLI Consultancy Pvt. Ltd. Amravati Reg. Patent Attorney	Electronics and Telecommunication	09/03/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
RCPIT-IIC Startup Cell	RCPIT	RCPIT	Upping GenplusPvt Ltd	IT Service	17/07/2018
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
No Data Entered/Not Applicable !!!		

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Electronics Telecommunication	3
Computer Engineering	1

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
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 3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
No Data Entered/Not Applicable !!!	
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 3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
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 3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
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 3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	49	90	10	37
Presented papers	14	13	0	0
Resource persons	0	0	0	14
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3.4 – Extension Activities

 3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Rahat-2019 Donation of woolen clothes to needy people	E-Builder Group	6	80
One day workshop on Computer Fundamentals at	E-Builder Group	3	100

Aasharam School , Nimzari			
Donated grossary to Savitribai Fule School for deaf and dumb students , Thalner	E-Builder Group	4	70
Cloth Donation	Mechanical Engineering department Mechanical Engineering students association (MESA)	4	35
Engineers Day (Photo Painting Exhibition)	Mechanical Engineering department Mechanical Engineering students association (MESA)	8	500
Blood Donation	NSS	4	384
Food Stationary Distribution	Mechanical Engineering department Mechanical Engineering students association (MESA)	10	92
Tree Plantation Protection Shield Distributions Held	Mechanical Engineering department Mechanical Engineering students association (MESA)	4	25

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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
No Data Entered/Not Applicable !!!				
[View File](#)				

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
CVDragon	07/07/2018	Online Resume Making Support	563
Structech Structural Consultant	09/08/2018	Training Program	60
AMCAT	07/08/2018	Skills Assessment support with Placement	100
Cocubes	10/08/2018	Skills Assessment support with Placement	100
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
360.2	92.54

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
No Data Entered/Not Applicable !!!	
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
SLIM 21	Fully	3.5.1.0.26594	2006

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Prof. Dr. P G Bhadane	RCPIT MOODLE	Server	16/07/2018
Prof. M M Sayyed	RCPIT MOODLE	Server	16/07/2018
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	790	15	200	15	1	1	5	200	0
Added	0	0	0	0	0	0	0	0	0
Total	790	15	200	15	1	1	5	200	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

200 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
RCPIT Moodle	http://www.rcpit.online/moodle/

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
619.78	499.23	234.94	113.14

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Institute has mechanism for maintenance and upkeep of infrastructure, facilities and equipment is as follows- ? Stock verification is done to identify the non-working equipment and suggestions for necessary replacements are presented. ? Regular cleaning and up keeping of the equipment is monitored by the faculty member in-charge of the laboratories. ? The annual budget and allocation of funds for and regular monitoring of utilization of funds for maintenance ensures the improvement in the infrastructure of the Institute. ? Annual maintenance contract (AMC) is availed for critical and sophisticated equipment and software. ? The sensitive equipment, like computers and science apparatus are maintained by the lab assistants and the electrical equipments, water purifying machine, RO, photocopiers, printers, are timely serviced by the technical experts. ? A team of security guards comprising one Security Officer and 13 Security Guards is there on campus for security and vigilance of the entire premises. ? In addition to these technical people designated as lab assistants are available in all departments to attend regular difficulties of students and staff of the concerned departments. Institute take up calibration and other precision measures for the equipments/instruments considerably with the following procedure. ? The institute has authorized the HODs to take up the calibration of precision equipments/instruments as per the standards of the instruments. ? The laboratory equipment are maintained and calibrated as per the budget allotted to the concerned department. ? The Institute has Network Administrator and team of Lab Assistants to take care of the maintenance of the computers and networking facilities. Institute has taken major steps for upkeep and maintenance of sensitive equipment, voltage fluctuations and constant water supply is as follows- ? There are Generators backup (100 kVA, 125 kVA and 250 kVA) with sensor system to ensure uninterrupted power supply. ? All computer labs is provided with Uninterrupted Power Supply (UPS) to ensure no data lost and any sort of damage. ? To take care of voltage fluctuation for overall building 415kVA stabilizer is provided. ? RO Plant Systems are installed in the campus and there is a continuous drinking water supply. ? The Institute has an in-house electrician and other supporting staff to take care of the electrical equipment and for other regular maintenance. ? All buildings provided with Fire-fighting equipment and First aid boxes. ? Institute has separate server room for maintaining and controlling of services throughout the building.

http://rcpit.ac.in/uploads/userfiles/Policies%20for%20Maintaining%20and%20Utilizing%20Physical,%20Academic%20and%20Support%20Facilities.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Fee Concession by Hon. Amrishbhai Patel D2D students Institute Scholarship	29	726955
Financial Support from Other Sources			
a) National	State and central government	1984	113497084
b)International	0	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial

coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
No Data Entered/Not Applicable !!!					
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
No Data Entered/Not Applicable !!!					
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
No file uploaded.					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Reflection-2019	National	189
KPIT Sparkle	National	46

Converges	National	947
Sports	AII India Inter-University Level Participation	1
Sports	NMU Inter -Zonal Level Participation	35
Sports	Inter collegiate participation	133
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

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 have 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.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

YES. In the year if 2014-15, institute has decided to form informal alumni association. For that, one of alumni Mrs. Sunanda Khargharia came forward and connect more alumni together. We have form association and announce it during alumni meet held at pune in 2014-15. Later in year 2018 we have officially registered Alumni association. Association has 7 members. With the help of alumni association we have started many initiatives like alumni interaction under campus to corporate program, alumni mentorship for project, sponsorship for projects, guidance for higher studies program etc. We are getting good results in these initiatives. Alumni also helps us to create Facebook page, LinkedIn page for more connects. Alumni also create whatsapp create for both India as well as abroad. The broader objectives of Alumni association is as

below. Objectives: • To foster a spirit of loyalty. • To share college achievements and progress. • Promote the general welfare of our organization. • Get help from Alumni to connect with industries. • Suggestions from alumni for enrichment of curriculum. • To support the parent organizations goals, and to strengthen the ties between alumni. • To get inputs from alumni for employability enhancement. • To extend financial help to economically backward and deserving students in the form of scholarship for UG, PG and higher studies abroad • To encourage the students from this college by awarding prizes to meritorious students showing bright performance in the field of education, sports and cultural. • To organize programs on personality development, interview technique and leadership development, education in health science, yoga, literature, sports etc. • To extend the help to the students for placement and industrial training.

5.4.2 – No. of enrolled Alumni:

7

5.4.3 – Alumni contribution during the year (in Rupees) :

235000

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Interactions: 80, Alumni Meets: 2, activities Like Interactions, mentorship etc are provided by alumni.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance system. 1. Principal level: The Governing Body delegates all the academic and operational decisions based on policy to the various monitoring committees headed by the Principal in order to fulfil the vision and mission of the institute. 2. Faculty level: Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in charge of various academic, co-curricular and extracurricular activities. They are given authority to conduct seminars/workshops/ conferences/conferences/FDP?s. 3. Student level: Students are empowered to play an active role as coordinator of co-curricular and extracurricular activities, social service group coordinator For effective implementation and improvement of the institute various committees are formed e.g annual budget committee, Scholarship Awards Committee, Curriculum Development Feedback Committee, Library Committee, Grievances Redressal Cell, Student Welfare Cultural Committee.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	? Curriculum Development Since the Institution is an affiliated

	Engineering College under North Maharashtra University, Jalgaon and DBATU (Dr. Babasaheb Ambedkar Technical University, Lonere) the curriculum and syllabi of the affiliated University have been adopted. The parent University revises the syllabi of the programmes in a regular cycle of five years.
Teaching and Learning	? Teaching and Learning Semester Pre-Commencement Preparations • Departmental Academic Calendar • Lecture plans • Course learning Objectives and Course Outcomes • Topic learning Objectives and Outcomes • Lecture notes • Updating the library with appropriate books as suggested by the faculty- • Modifying the laboratories to cater for the needs of revised syllabus and new technology. Monitoring the teaching process through • Online feedback from students (Mid semester and end semester) • Result analysis at the end of semester examination. Addressing issues of individual student • Remedial classes for slow learners • Personal guidance to students approaching with difficulties • Mentoring of students to motivate Addressing issues related to course •?To bridge the curricular gap bridge course is conducted for first year students. •?Extra lectures also tutorial are allocated in the time table for courses of difficult nature. •?Teaching methodology workshops are conducted •?Expert lectures are conducted on topics related to the course, but, outside the syllabus Addressing issues of faculty • Course assignment as per Competency. • Mentoring and guidance to faculty for a course handled by him/her by senior/competent faculty
Examination and Evaluation	? Examination and Evaluation Examinations are conducted as per rule and regulations of NMU DBATU. Evaluation of Internal Marks is done based on Continuous assessment of students' performance through credit tests, assignments, seminars and projects. Evaluation of all theory examination is done at various CAP center of university.
Research and Development	? Research and Development The college has a research and development committee to coordinate the activities

	related to research. The committee is headed by the principal with faculty members having Ph.D. qualification as its members. • Two departments of college Computer and E Tc are recognized as research centers. • Incentives for research publications and research projects are provided • Institution provides seed money for research activities.
Library, ICT and Physical Infrastructure / Instrumentation	? Library, ICT and Physical Infrastructure / Instrumentation 1. The college boosts a well-stocked and digitalized central library with college and department wise division to ensure easy, quick and efficient access to desired data. 2. OPAC Software is provided for personal assistance to each and every user while accessing the library books 3. 24x7 Wi-Fi facility is provided for the students to use their laptops in the college premises. ????The college campus has been monitored with CCTV facility for vigilance. ?ICT enabled class rooms
Human Resource Management	? Human Resource Management Workforce planning Recruitment Creating and Maintaining data base for all faculties. Scanning of service books and other mandatory documents.
Industry Interaction / Collaboration	? Industry Interaction / Collaboration •?Institute has promoted industry academic associations by establishing e-yantra robotics laboratory in association with IIT, Bombay and Wipro Technologies industrial laboratory for making small projects. •?Institute invites industry resource person to deliver lectures, seminars on industrial development issues and to deliver domain specific technological interaction. •?Institute also motivates students to take part in industry oriented competitions like Tata Consultancy Services (TCS) Codevita, TCS Testimony, KPIT Sparkle, Capgemini Technext. etc. to make them industry ready. •?Institute has a tie-up with many reputed industries like TCS, Persistent, Wipro, etc. •?Institute Provides Internship opportunities for students during Summer / Winter Vacation. •?Industrial visits for Final Year Students
Admission of Students	? Admission of Students Admission procedure is adopted as per rules and

| | regulations laid down by Directorate of Technical Education (DTE), Government of Maharashtra State. DTE published admission notification time to time in all well-known national and regional daily newspapers. •?The advertisements for admission to different courses are published by Institute in all well-known newspapers from time to time. The advertisement contains detailed information about different courses, eligibility norms, process of admission, academics as well as facilities provided by institute. •?The advertisements for admission are broadcasted by Institute on radio stations, and Institute website:http://www.rcpit.ac.in •?Institute organizes awareness / counselling workshops for admission process to 12th appearing students and their parents, faculties and stakeholders. |

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	? Planning and Development The IQAC committee of the Institute helps in planning academic activities which includes Timetable and attendance, Feedback by students. This MIS helps in distributing students in batches through batch management, the faculty subject allocation, allotting subject wise infrastructure. It allows students to select Choice Based Electives. This system has students and Employee Grievance module which helps in overall development of the Institute.
Administration	? Administration Administrative committee of the institute helps in keeping service records of all the employees maintaining service books, promotion records, seniority etc.
Finance and Accounts	? Finance and Accounts Functions of the finance and accounts are strictly followed with proper accounting practices making record of each financial transactions using e-governance mechanism. This has helps keeping records of receipt of funds, projects, consultancy income, donations, staff salary and all types of purchases and payment of various utility bills and taxes.
Student Admission and Support	? Student Admission and Support

	Students who desires to take admission for UG of the institute are required to go through CAP registration and admission process. The data obtain through this process is further used for making admission list of the eligible candidates and for online payment of the necessary fees.
Examination	? Examination Examination committee of the institute has well defined modules for collecting the data related to marks of continues evaluation, Mid semester Test, End semester marks, collection of question papers, appointment of examiners and declaration of final results.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Foundation Program in ICT for Education - Autumn 2018		06/10/2018	07/10/2018	6	0
2019	Moodle Learning Management System		15/03/2019	15/03/2019	104	0
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
115	**115**	**87**	**87**

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
115	**87**	**1180**

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Institute has accounts and administrative department headed by registrar and finance officer. This department controls the data related to all financial and money transactions of the institute through carry out yearly budget allocation. Institute has separate annual budget committee chair by Chairperson Principal of the institute. Financial allocation for day to day activities and yearly requirement for running all academic and administrative departments is carried out thoroughly by this committee. The institute has to prepare yearly audited statements and Income expenditures statements for the year for which services of the government certified auditors are used. As a mandatory part the institute also completes audits of its finances by the auditors.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	**0**	**NIL**
No file uploaded.		

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	**Yes**	**Kaviyitri Bahinabai Chaudhari North Maharashtra University, Jalgaon**	**Yes**	**IQAC**
Administrative	**Yes**	**External Auditor**	**Yes**	**Internal**

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Parent – Teacher Meet is organized by all departments of the institute where teachers will give the feedback 1. Feedback on curriculum 2. Feedback on

overall disciplines 3. Support for Internships Placements

6.5.3 – Development programmes for support staff (at least three)

> Support staffs were given special training to operate Mastersoft ERP software of College

6.5.4 – Post Accreditation initiative(s) (mention at least three)

> 1.Setting up ICT Based Classroom 2.College Moodle Platform for Students 3.Incubation Centre to empower students for Entrepreneurship Development

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Students participation in various technical competitions and local community	30/05/2018	10/09/2018	10/09/2018	80
2018	Students participation in various technical competitions and local community	30/05/2018	17/12/2018	17/12/2018	189
2019	Add on courses for Students on Python by Faculty	04/01/2019	14/01/2019	12/04/2019	186
2019	Add on courses for Students on IOT by Faculty	04/01/2019	14/01/2019	12/04/2019	159
2019	NPTEL Certification for Staff and Students	06/04/2019	28/01/2019	26/04/2019	137
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the

year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
International Womens Day	08/03/2019	08/03/2019	73	42

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Rain Water Harvesting system is Established, Tree Plantation, Swaccha Bharat Abhiyan, Energy conservation by Using LED lights, No Vehicle Day for Carbon Neutrality.,Hazardous waste management, E Waste Management.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	2
Ramp/Rails	Yes	2
Braille Software/facilities	No	0
Rest Rooms	Yes	2
Scribes for examination	Yes	2
Special skill development for differently abled students	No	0
Any other similar facility	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
No Data Entered/Not Applicable !!!							
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Tree plantation	01/08/2018	01/08/2018	100
Swachh Bharat Abhiyaan	01/08/2018	15/08/2018	50

Donated grossary for deaf and dumb students	15/08/2018	15/08/2018	22
Rally for Kerala relief fund	01/09/2018	01/09/2018	700
Blood Donation Camp	14/09/2018	14/09/2018	384
Swachh Servection-2019	25/01/2019	25/01/2019	30
Donate Woolen Cloths to Adivasi	02/02/2019	02/02/2019	30

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Water Harvesting: • Rain water harvesting has been in place from the establishment of the institute and from the experimental stage now the campus has increased systematically the harvesting capacity. • ?Rain water harvesting system is built in main block of campus to ensure continuous recharging of ground level water. All water outlets in building are connected to the main channel and that channel is connected to the rechargeable tank. The water samples are collected and analyzed. 2. Energy conservation: • The college has gradually moved on from normal light bulbs (least required wattage) to tube lights, slim lights, CFLs, LEDs and the college also replaced most of the CRT monitor to LCD monitors LCD monitors to LED monitors thus conserving energy is done. • Solar water heating system is installed in Girls and Boys hostels. This has reduced the Electrical Energy Consumption. • The UPS Batteries are maintained in good condition which reduces frequent charging of batteries and hence controls power utilization. • Periodical equipment checking and monitoring is carried out to avoid excess power consumption. • Design of College building is well architected so that the natural light is used in college premises. • Lights and fans are turned off when rooms are unoccupied. 3. Efforts for Carbon neutrality: • The college has planted adequate number of trees. • The college campus is maintained green enough to ensure thecarbon neutrality in this area. • College observes no vehicle day on every Thursday. 4. Plantation: • A good number of plants are planted in the college campus and nearby area by arranging tree plantation programs. • Bamboo trees, Almond trees, various flowers tree plantation have been done in the campus. • Green lawns are maintained well with water sprinklers. 5. Hazardous waste management: • Gas connection pipe line is designed by architect. • Inverter batteries are replaced with the new batteries old batteries are handover to the seller. • Generator and oil section is covered with protective shield. • Waste oil is dumped at the dumping yard. • Chemistry laboratory waste generation is controlled by proper selection of practicals prescribed by University curriculum. • Cement waste material in Civil engineering lab is used for footing in new construction. • Iron waste from the mechanical workshop is send to the scrap centre. 6. E-waste management: • E-waste is collected and stored carefully before it is handed over to the Shirpur Education Society. • Old computer machines are donated to the Ashram schools of Shirpur Education Society. Since 2015 institution has a tie-up with HP in which old machines are sent back to the HP Company and new machines are received. • Other old electrical, electronic devices are exchanged/sold to dealers/vendors. E-project waste is collected reused for new projects.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Practice I 1. Title of Practice I: ICT based initiatives in teaching learning

2. The Goal: The specific goals are: • To inculcate in the faculty the technological competence to strengthen teaching learning. • To promote ICT culture in the college. • To supplement the traditional chalk and talk method by novel teaching approach. • To make teaching and learning interdisciplinary by tapping resources available on internet. • To make optimum use of the ICT facility in classroom practices 3. The Context: • ICT makes teaching easier, student friendly, contently and interesting. It makes the classroom more and more responsive because it gives both audio and visual effect. • Student understanding is enhanced because they comprehend whatever is taught. • ICT based programs like MOOCS, NPTEL, etc. help to improve the teaching skills as well as it helps students for competitive exam preparation. 4. The Practice: Institution has developed all classrooms are smart class rooms, well equipped with necessary infrastructure (Smart Board, LCD projectors, Audio/video aids with internet etc.). It is made mandatory for each teacher to deliver lectures as possible by preparing PPTs in an academic year. High speed internet facility is provided to all the departments in the college. Computers and Printers are also provided to many of them. IQAC convened meetings with the teachers and encouraged them to make optimum use of ICT facilities for making teaching learning more and more interesting. The RCPIT's ICT based education ensures students and faculty to keep updated with latest technology and research trends through various tied-ups / associations like Corsera, National Program on Technological Enhance Learning (NPTEL- MHRD, New Delhi), Quality Enhancement in Engineering Education (QEEE- IIT Madras), Center for Distance Engineering Education Program (CDEEP- IIT Bombay and IIT Kharagpur). On an average, 20-25 co-curricular courses are conducted per year using these platforms to update faculty and students' knowledge on latest trends in industrial technology. NPTEL videolectures are available at the college libraries which are used by both faculty and the students.For the students who are interested in PG studies, RCPIT has e-learning platform of various entrance examinations like GRE, TOEFL and GATE. Students and faculty are encouraged for certification courses through Massive Open Access Courses (MOOCS). About 100 plus certifications per year have been completed by students and faculty. RCPIT is one among the pioneer institutes who has tie-up with IIT Bombay from its' CDEEP program right from its inception. RCPIT has tie-up with IIT Kharagpur in terms of virtual classrooms and laboratories. RCPIT has also tie-up with IIRS, Dehradun for its EDUSAT programme It provides a suitable environment to improve and assist the learning and/or experimentation process contributing to an increase in the effectiveness of scientific research and widening the use of scarce or costly equipment. To bring effective class room management and to be aware of different teaching methodologies, the college encourages the faculty to attend IIT Bombay Wipro sponsored FDP's and pedagogy programs. 5. Evidence of success: In this regard 10 of our faculty were awarded as best performers in ICT based 2 months workshop by IIT, Bombay and are invited to be resource persons for upcoming workshops. Beside this, RCPIT has developed its own virtual learning platform in collaboration with Amrita University for conducting multiple sessions. Institute's effort in ICT based education has been rewarded by many forums. For e.g. IIT Madras, has granted RCPIT a 'Partner' category for its QEEE program (one among three institutes in Maharashtra) consecutively for three semesters. Communicative competence of the students improved drastically because on viewing the PPTs and video clips, they naturally feel to react on the issues. Practice II 1. Title of Practice II: Promoting engineering education in tribal region. 2. The Goal:To bring the tribal students into the main stream of engineering education. 3. The Context: R. C. Patel Institute of Technology, Shirpur is situated in tribal region which has 48 tribal population as against the national average of 8. That result in poor literacy of 64.The students from tribal area are expected to be strong in academics and have good industrial exposure. Institute encourages them to adopt latest developments in engineering education. 4. The Practice: To attract these

students towards technical education and to create awareness among the tribal student, R. C. Patel Institute of Technology, Shirpur has been arranging engineering counseling programs since 2006. In this counseling programs information related admission process, various scholarship schemes are made available for this category by central and state government. Institute motivates them to develop the skill, knowledge and attitude that are needed to make an effective start as member of the industrial profession. Institute also supports financially by offering concession in admission fee for economically backward students. 5. Evidence of success: As a result of that, in previous four year enrollment of tribal students and their passing percentage are steadily increasing. Airbus, the Global Leader in Aeronautics, Space and the Global Engineering Dean Council (GEDC), the international organization for leaders of schools and colleges of engineering has shortlisted The team of R. C. Patel Institute of Technology, Shirpur along with 10 teams from engineering stream around the world for fifth GEDC Airbus Award for Diversity in Engineering Education. This is the recognition of institute on the global platform for increasing enrollment of girl students and tribal students and also for making them successful and employable through Engineering Education.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

http://www.rcpit.ac.in/files/DownloadSection/NAAC_SSR_RCPIT.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Objective of the college is to provide quality education in Teacher Education to the students from various parts of the society, to make them academically and globally competent. This objective is clearly reflected in the mission vision statement. The college believes that professionals of this college should be not only academically sound but should also have values and strong professional ethics. In present era, problem of unemployment among educated youth. Therefore, the need for "Skill-based system of education" is becoming more important in present times. A couple of important initiatives taken at the institution towards skill-based education were the establishment of IIC (institute innovation counselling) Cell, motorsport club, the certificate course on German and Japanese Language. The RCPIT, Shirpur has also tie-up with international MOOC's platform like Coursera. These initiatives help students to build their careers in the selected areas. This is a big step towards diminution of the problem of educated unemployed youths in the state. For IIC cell and MOOC's certificate course, college have been signed MOUs with some of the top organization where students successfully complete activities. The RCPIT college also assists the successful students in getting lucrative placements across the country. The college aims is to motivate the students to develop their hobbies and achieve success in life. The above activities are steps towards facilitating the students with the required knowledge, experience and exposure to pursue their dreams with gainful employment. With the skills gained, the student becomes more determined and confident in facing the future.

Provide the weblink of the institution

http://rcpit.ac.in/GalleryThumb.php?vid=1

8.Future Plans of Actions for Next Academic Year

Institute plans A. To start new course in the emerging field of engineering like Data Science, Internet of Things, with closure of one division of Mechanical Engineering. B. To draft Autonomy syllabus as per guidelines given by AICTE. C. To arrange Faculty Development Programs, Conferences, workshops in institute for

Teaching, Non-Teaching staff and students. D. Encourage and motivate faculties to participate in different Sports and health related activities.