SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

RSR RUNGTA COLLEGE OF ENGINEERING AND TECHNOLOGY, BHILAI

RUNGTA KNOWLEDGE CITY, KOHKA-KURUD ROAD, BHILAI, DIST - DURG 490024
www.rungtacolleges.com

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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

RSR Rungta College of Engineering and Technology (RSRRCET), Bhilai is pleased to present its Self Study Report (SSR) to the National Assessment and Accreditation Council (NAAC) Bengaluru. The RSRRCET is run by GD Rungta Educational Society (GDRES) Durg. The GDRES was established in the year 2001 (26th July 2001) with an aim to disseminate education up to the last strata of social hierarchy. As on today GDRES runs following institutes;

1. Rungta College of Dental Science and Research (RCDSR), Bhilai.
2. Rungta College of Engineering, Bhilai
3. RSR Rungta College of Engineering and Technology (RSR RCET), Bhilai.
4. GD Rungta College of Engineering and Technology (GD RCET), Bhilai.
5. Rungta College of Science and Technology (RCST), Durg.
6. Rungta Public School (RPS), Bhilai.
7. Rungta Play School, Durg.

The GDRES has acquired a unique distinction of being a reputed educational society dedicated to the welfare of Chhattisgarh state.

The RSR Rungta College of Engineering and Technology Bhilai is one of the flagship colleges of GDRES. It was established in 2007 which started its operation in 2008. The college is spread over 10.05 acres with lush green surroundings. It is a self financed institution affiliated to Chhattisgarh Swami Vivekananda Technical University Bhilai, Chhattisgarh. It started as an institute offering undergraduate programs only and today it has blossomed as a hub of engineering education offering diploma, undergraduate and post graduate programs of following nomenclature.

Diploma Programs:

UG Programs:

PG Programs:

Vision

To Develop Leaders in Engineering Profession to Serve Community for Improving Quality of Life

Mission

- To create state of the art facilities to assure quality of graduates and achieve excellence
- To develop graduates with high moral, ethical and professional values in order to make them capable of accepting the challenges of the engineering profession.
- To promote collaborations with sister institutions, research organizations and industry for placement,

research, consultancy, publication and education purpose.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. Use of Innovative teaching, through Video clips, On site classes and Project based learning
2. Learning through industrial visits and vocational training
3. Deputation of students to institutes of national reputation
4. Learning through conference, workshop, and seminar
5. Institutes offers number of add on courses
6. Wide use of open source platforms
7. State of the art infrastructure with Wi-Fi campus
8. Well equipped computer and other laboratories, library and workshop facility
9. Campus under electronic surveillance
10. Motivation for excellence
11. Motivation for higher education through Institutional Scholarship Scheme
12. Support system for slow learners
13. Strong Industry linkages
14. Emphasis on holistic development of students

Institutional Weakness

1. Students with low score in pre engineering entrance examination
2. Students with lack of communication skill
3. Socio economic background of many students admitted in the college is very humble (many of them are first generation learners and many of them have to support their parents in earning livelihood. Hence they are irregular in college)

Institutional Opportunity

1. To attract good quality students from other states
2. Benchmarking of various academic and administrative processes
3. Emphasize on national collaboration for research Commencement of interdisciplinary add-on programs catering to in-campus as well as off-campus students

Institutional Challenge

1. Students with diverse background with diverse needs
2. Encouraging students for entrepreneurship
3. Recruiting highly experienced faculty
4. No control over admission procedure to attract good quality students Industrial recession in

Chhattisgarh

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

RSR RCET is an institute affiliated to Chhattisgarh Swami Vivekananda University, Bhilai. Hence it is mandatory to run the academic process as per the syllabus and scheme provided by affiliating university. However many senior faculty members of the college are actively involved in designing and developing the curriculum at university level.

At college level well documented teaching learning process is implemented to ensure that the needs of the students are adequately and appropriately addressed. College is offering various programs as presented above in preface. Few add-on programs and electives are also offered to supplement the need of student. In order to enhance employability skills of students value added courses imparting life skill (soft skill program, aptitude program, improvement of group discussion skills, personality development programs, yoga, meditation, time management, spiritual discourses, awareness program on traditional remedies like ayurvedas, unanis etc.).

In order to impart on field knowledge to students, field visits and industrial internships are offered. The college implements effective feedback system from stakeholders.

Since the organization is a coeducation (male and female students learning together), cross cutting issues like relevant to gender, environment and sustainability, human values and professional ethics.

Teaching-learning and Evaluation

While enrolling the new students an online, government approved mechanism is adopted which is advertised in various news papers and government websites. Many students from other state also apply for admission to the college through proper channel. The college complies with the reservation policy issued by state government.

On observing data of admitted students, it was found that students of varying abilities are admitted. The students scoring high in the Pre Engineering Test are found to grasp the subject very fast however those with lower PET scores are found to be slow in grasping the subject. Hence the college has adopted a policy of structured classification as slow and advance learners. The college maintains the student to teacher ratio (**STR**) as per AICTE norms for effective teaching and learning. The college has adequate facility for differently abled students.

The teaching learning process is participative and innovative due to use of ICT, LMS and E-learning resources. Looking into psychological and adolescence issues of the admitted students, the college undertakes counseling. To channelize innovation and creativity of student, college organizes various events like Avishkar, Book-review report session, Rungta-Carnival etc.

The college has appointed qualified faculty members and trained laboratory staff.

The college has its own academic calendar incorporating schedule of University academic calendar. The internal assessment system devised by college is transparent and robust in terms of frequency and variety.

Every department has its own Program Outcome, Program Specific Outcome and Course Outcome which are attained through various structured process.

Research, Innovations and Extension

Quality Enhancement and Innovation is channelized through promotion of research through PG projects, UG projects, Project Exhibition, HACKATHON, etc. Faculty members are encouraged to write research and conference proposals for various agencies.

Five faculty members are recognized as research guides for PG and PhD.

Faculty members were successful in bagging research projects amounting approximately to Rs. 8,00,000/-. A proper system is in-place for scrutiny of research proposal through departmental research committee, before submission of research proposal to external agency.

To spread awareness regarding IPR four programs were conducted in last two years.

The college has code of ethics to check the malpractices and plagiarism in research through an access to free plagiarism software. Faculty members are appropriately rewarded through the incentive schemes.

Six faculty members have earned their PhDs and seven faculty members have registered for PhD.

A good number of faculty research papers have been published in UGC approved journals. Few faculty members have also contributed to chapters in books and conference proceedings.

College has successfully organized twenty six activities for the benefit of village community in the vicinity of college resulting in bagging awards for the college. National Service Scheme takes up such responsibilities.

The students and faculties participate in other colleges of National Importance through Faculty and Student Exchange, Internships, Field Trips, On the Job Training and so on. The college has signed as many as twenty six (26) MOUs out of which twenty one (21) are still functional.

Infrastructure and Learning Resources

The college provides adequate infrastructure as per AICTE guide lines for the teaching learning process. In addition to the physical infrastructure catering to co-curricular and extracurricular activities, the college provides educational infrastructure for students in the form of library resources with fully automated library management system, lecture capturing system and e content development facility, software and equipments in the laboratories prescribed in the curriculum provided by affiliating university.

The college is 100% Wi-Fi enabled and every class room is fitted with ICT facilities. Each department has been adequately provided with computing facility in the form of dedicated laboratories as well as at the central computer center.

The Tata Technologies, Oracle University, PCB manufacturers and CAD Academy have established laboratories in various departments.

For sports facilities a full fledged football, cricket, basket ball, kho-kho, volley ball, kabbaddi, well equipped gymnasium, 4×400 meter running track and facility for javelin throw, shot put throw, discus throw grounds are available for outdoor sports and a central indoor sports facility is available in the college. For cultural activities fully equipped auditorium and open to sky spaces in the departments are available.

The college spends 13%, 2% and 0.5% (average of last five years) of its revenue on augmentation of infrastructure, library development and maintenance of infrastructure respectively. The college has a student to computer ratio as per AICTE norms and the internet bandwidth available is 100 MBPS.

The college has system in place for recurring utilization and maintenance of physical, academic and support facilities.

Student Support and Progression

The institution adheres to the norms of scholarships issued by the Chhattisgarh state government. In addition to the government scholarship (25% students) institute also provides its own scholarship scheme (11% students) for the students. Of the total students about 35% students are benefited from the competitive examination and career counseling schemes offered by the institution. In addition to this almost all the students are offered vocational training opportunities.

In order to address the student grievances committees like grievance cell, sexual harassment committee, anti ragging committee are in place for timely redressal of grievances. The average percentage of placement of outgoing students for last five years is 20%, the progression for higher studies is 10% and average percentage of students qualifying in state/national/international level examination during last five years is 5%.

The students of the college have bagged 24 awards at sports/cultural activities at national and international level. The college has effective presence of student council and many students are on academic and administrative bodies of college. The students of the college have participated in 48 (average of five years) sports and cultural competitions.

The alumni of the college have contributed more than Rs. 5 lacs through 9 meetings at chapter level during five years.

Governance, Leadership and Management

To achieve its vision and mission through proper governance, an administrative setup is in-place in the form of Principal, Deans, HoDs, Class teachers and Portfolio In-charges. The college has a well documented functioning of various units and has a perspective plan for future. The administrative setup of the college is well defined and is properly disseminated among the stakeholders. Most of the governance tasks are performed through e-governance system.

The teaching and non teaching staff of the college is covered under various welfare schemes like contributory Provident Fund, Group Insurance Scheme, Gratuity Scheme, and Free Health Check up Scheme and many

more.

In addition to this, the college has made a provision for the teachers for the membership of professional bodies and to attend seminars, conferences, workshops. Quite a few Professional Programs are organized for Quality Skill Development for teaching and non teaching staff.

The college has a Performance Appraisal System in place for teaching and non teaching staff through a well defined Performance Index Report (PIR). The PIR is used for monitoring of academic and non-academic work done by the faculty members, and for monetizing the best performers.

The college conducts Internal and External Audits regularly through qualified chartered accountants. The governing body of the college has a well defined strategy for mobilization and utilization of funds. The IQAC has contributed significantly towards the development of college. The IQAC methodology includes frequent meetings and proper follow up of decisions taken in meeting.

Institutional Values and Best Practices

The college displays highest amount of sensitivity towards gender equity promotion through providing safety and security, counseling arrangements and common room.

College meets 60% of its energy requirement through 100 K watt solar power plant. A good percentage of lights in the campus are through LED lights. The in house waste management is segregated into solid, liquid and e-waste management. The College has installed compost pits, magic pits and e-waste recycle system for disposal of solid, liquid and e-waste respectively.

Rain water harvesting and green practices in the form of bicycles, public transports etc. are in place. The campus is plastic free and the offices using digital media for communication.

The college has provided ramp for the Divyangjan along with provision for lift, brail software, rest room, scribes for examination and special skill development programs for differently abled students.

The college fully utilizes its locational advantage and conducts various extension programs for the nearby villages. Code of conduct handbook exists for students and staff and the core values of the college are displayed at strategic locations and on website. Various programs are organized to increase consciousness about national identities and symbols.

Activities like AVISHKAR (project exhibition/competition for students) and MIRROR (mock placement activity) can be cited as the best practices undertaken by the college.

The "GOD-GRAM-YOJANA" which is extended as an outreach program to villages echoes the spirit of social inclusiveness emphasized in the vision. Many programs are conducted to fulfill this core value stated in the vision statement.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	RSR RUNGTA COLLEGE OF ENGINEERING AND TECHNOLOGY, BHILAI
Address	Rungta Knowledge City, Kohka-kurud Road, Bhilai, Dist - Durg
City	Bhilai
State	Chhattisgarh
Pin	490024
Website	www.rungtacolleges.com

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	P.S. Bokare	0788-6459564	9229344011	0788-2286481	psbokare@rungtacolleges.com
IQAC Coordinator	Sajid Ansari	0788-9229344451	9229344451	0788-6523456	rsrhodcse@rungtacolleges.com

Status of the Institution	
Institution Status	Private

Type of Institution	
By Gender	Co-education
By Shift	Day Evening

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details	
Date of establishment of the college	05-10-2007

University to which the college is affiliated/ or which governs the college (if it is a constituent college)		
State	**University name**	**Document**
Chhattisgarh	Chhattisgarh Swami Vivekanand Technical University	View Document

Details of UGC recognition	
Under Section	**Date**
2f of UGC	
12B of UGC	

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	**Recognition/App roval details Inst itution/Departme nt programme**	**Day,Month and year(dd-mm-yyyy)**	**Validity in months**	**Remarks**
AICTE	View Document	10-04-2017	12	

Details of autonomy	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**
Main campus area	Rungta Knowledge City, Kohka-kurud Road, Bhilai, Dist - Durg	Urban	10.49	15600

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Computer Science Engg	48	HSSC	English	48	25
UG	BE,Information Technology	48	HSSC	English	48	8
UG	BE,Mechanical Engg	48	HSSC	English	144	14
UG	BE,Civil Engg	48	HSSC	English	144	24
UG	BE,Electrical And Electronics Engg	48	HSSC	English	96	1
UG	BE,Electrical Engg	48	HSSC	English	96	6
UG	BE,Electronics And Telecomm Engg	48	HSSC	English	96	0
PG	ME,Computer Science Engg	24	BE	English	19	9
PG	ME,Civil Engg	24	BE	English	19	19
PG	ME,Electrical Engg	24	BE	English	19	11
PG	MCA,Mca	36	GRADUATION	English	48	0

Position Details of Faculty & Staff in the College

Teaching Faculty											
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				10				21				174
Recruited	9	1	0	10	14	7	0	21	84	90	0	174
Yet to Recruit				0				0				0
Sanctioned by the Management/Society or Other Authorized Bodies				0				0				0
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit				0				0				0

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				91
Recruited	45	46	0	91
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

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Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				49
Recruited	39	10	0	49
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	9	1	0	2	0	0	0	0	0	12
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	12	7	0	84	90	0	193

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	6	0	0	6

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
Diploma	Male	96	0	0	0	96
	Female	13	0	0	0	13
	Others	0	0	0	0	0
UG	Male	62	0	0	0	62
	Female	16	0	0	0	16
	Others	0	0	0	0	0
PG	Male	19	0	0	0	19
	Female	20	0	0	0	20
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	28	13	28	14
	Female	5	3	6	6
	Others	0	0	0	0
ST	Male	13	10	14	5
	Female	7	5	1	0
	Others	0	0	0	0
OBC	Male	144	57	123	95
	Female	23	1	17	19
	Others	0	0	0	0
General	Male	245	318	225	225
	Female	102	72	44	61
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		567	479	458	425

3. Extended Profile

3.1 Programme

Number of courses offered by the institution across all programs during the last five years

Response : 15

Number of self-financed Programmes offered by college

Response : 15

Number of new programmes introduced in the college during the last five years

Response : 2

3.2 Student

Number of students year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1678	1873	1827	1743	1482

Number of seats earmarked for reserved category as per GOI/State Govt rule year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
453	453	417	417	277

Number of outgoing / final year students year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
496	572	398	357	266

Total number of outgoing / final year students

Response : 428

3.3 Academic

Number of teachers year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
149	155	146	131	114

Number of full time teachers year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
149	155	146	131	114

Number of sanctioned posts year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
167	168	153	136	120

Total experience of full-time teachers

Response : 1072

Number of teachers recognized as guides during the last five years

Response : 5

Number of full time teachers worked in the institution during the last 5 years

Response : 695

3.4 Institution

Total number of classrooms and seminar halls

Response : 47

Total Expenditure excluding salary year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
307.55	443.14	541.97	671.05	1226.49

Number of computers

Response : 445

Unit cost of education including the salary component(INR in Lakhs)

Response : 0.54

Unit cost of education excluding the salary component(INR in Lakhs)

Response : 0.39

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

Response:

We follow the Academic Schedule provided by CSVTU, Bhilai and Academic Calendar designed by the college. We impart quality education depending upon the resource potential of our college and have developed a structured and effective implementation of the curriculum. The various ways by which we execute the curriculum are:

Principal Meeting

The Principal of the college convenes meetings of Heads of the Department and faculty members at the commencement of every semester in which the decisions on the academic and administrative matters are taken. The tools used for implementation of academic matters include Academic Calendar and Lesson Plan.

Academic Calendar

The Academic Calendar of the college is prepared in tune with the Academic Calendar CSVTU, Bhilai which comprises the schedule for Class Test and Pre-Semester Examinations, completion of answer sheet of the same, schedule for Curricular and Co-Curricular events. Academic Calendar is referred to accomplish the schedule of all these academic activities.

Class Room Lesson Plan:

The Lesson Plan of each course is prepared by concerned faculties in advance before the commencement of each semester, which includes:

Course Objectives

Expected course outcome

Planned schedule of completion of each unit and topic

Actual completion of each unit and topic

Recommended text books and reference books

Laboratory Experiment Schedule

For the timely completion of laboratory experiments, Lab Experiment Schedule is prepared by the faculty

members. It contains:

Laboratory objective

Expected laboratory outcome

Planned schedule of completion of each experiment

Actual completion of each experiment

Assessment of experiment performed by the students

Course Study Material

Every faculty member prepares course study material in following forms;

Lecture notes http://182.74.110.2/rsr/notes_show.php

Power point presentation http://182.74.110.2/rsr/notes_show.php

Video lecture

NPTEL videos

Out of above serial no. 1, 2 and 3 are uploaded on college portal by online CMS. Serial no. 4 is readily available online.

Exchange of faculty and students with other colleges:

Government Science College, Durg

Bhilai Institute of Technology, Durg

Shri Shankaracharya Group of Institutions, Bhilai

The Indian Institute of Technology Kharagpur

National Institute of Technology, GOA

National Institute of Technology, Raipur

St. Aloysius Institute of Technology, Jabalpur

Government Digvijay Autonomous College, Rajnandgaon

Rungta College of Science And Technology, Durg

College Management System (CMS)

College Management System is a college portal which is developed in-house by the faculty members and students of the Department of Computer Science and Engineering for online implementation of records of teaching-learning of the college. CMS has following features:

Online feeding of daily attendance of students

Subject allocation

Time-Table Management-System

Online notes portal

Online monitoring of class attendance, lesson plan progress

The CMS is used as a tool for effective control of teaching learning process. A snap shot of Home page of CMS is presented in Figure 1.1

Figure 1.1 snap shot of College-Management-System

The CMS can also be accessed by the students and parents of the college and can view their assessment score and attendance online.

Others Tools

Classes by senior students

Project based learning

Above description amply describes the effective curriculum delivery through well planned and documented process.

File Description	Document
Any additional information	[View Document](#)

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 32

1.1.2.1 **Number of certificate/diploma programs introduced year wise during the last five years**

2016-17	2015-16	2014-15	2013-14	2012-13
6	6	7	8	5

File Description	Document
Minutes of relevant Academic Council/BOS meetings	[View Document](#)
Any additional information	[View Document](#)
Details of the certificate/Diploma programs	[View Document](#)

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Response: 5.43

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
9	9	8	6	6

File Description	Document
Details of participation of teachers in various bodies	[View Document](#)

1.2 Academic Flexibility

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years

Response: 33.33

1.2.1.1 How many new courses are introduced within the last five years

Response: 5

File Description	Document
Details of the new courses introduced	View Document
Minutes of relevant Academic Council/BOS meetings.	View Document

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

Response: 100

1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.

Response: 11

File Description	Document
Any additional information	View Document
Name of the programs in which CBCS is implemented	View Document

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years

Response: 47.21

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
708	1086	1007	729	577

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	[View Document](#)
Any additional information	[View Document](#)

1.3 Curriculum Enrichment

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

Response:

The cross–cutting issues like Gender, Environmental sustainability, Human Values and Professional Ethics are assessed and applied positively into the curriculum. We believe in providing healthy ambience to the students. The curriculum designed by the University does include many of these aspects such as Value Education, Health Hygiene and Yoga, Personality Development, Managerial Skills, Innovative & Entrepreneurial Skills.

Table - List of Core Courses

List of Core Courses			
Sr. No.	Board of Study	Semester	Subject Name
1	Humanities	III Semester	Value Education
2	Humanities	IV Semester	Health , Hygiene and Yoga
3	Humanities	V Semester	Personality Development
4	Management	VI Semester	Managerial Skills
5	Management	VII Semester	Innovative & Entrepreneurial Skills

1.3.2 Number of valued added courses imparting transferable and life skills offered during the last five years

Response: 35

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 35

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document

1.3.3 Percentage of students undertaking field projects / internships

Response: 95.09

1.3.3.1 Number of students undertaking field projects or internships

Response: 775

File Description	Document
Institutional data in prescribed format	View Document
List of students enrolled	View Document
Any additional information	View Document

1.4 Feedback System

1.4.1 Structured feedback on curriculum obtained from 1) Students 2) Teachers 3) Employers 4) Alumni 5) Parents For design and review of syllabus semester wise/ year wise
A.Any 4 of the above

B.Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A.Any 4 of the above

File Description	Document
Any additional information	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback processes of the institution may be classified as follows:
A. Feedback collected, analysed and action taken and feedback available on website

B. Feedback collected, analysed and action has been taken

C. Feedback collected and analysed

D. Feedback collected

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
URL for feedback report	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 0.48

2.1.1.1 Number of students from other states and countries year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2	6	11	5	16

File Description	Document
List of students (other states and countries)	[View Document](#)
Institutional data in prescribed format	[View Document](#)

2.1.2 Average Enrollment percentage (Average of last five years)

Response: 68.55

2.1.2.1 Number of students admitted year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
425	460	479	567	366

2.1.2.2 Number of sanctioned seats year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
730	730	720	720	480

File Description	Document
Institutional data in prescribed format	[View Document](#)

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 38.54

2.1.3.1 Number of actual students admitted from the reserved categories year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
139	189	89	220	128

File Description	Document
Institutional data in prescribed format	View Document

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response:

Since the Institute is located in the rural region of the state, about 70-80% of the students admitted is basically from rural background and are from Hindi medium with regional influence, after the admission a special care to identify and categorize the slow and advanced learners.

This is done as per their medium of study, marks obtained in intermediate and JEEE/PET/PPT score. Additionally, on the basis of 15 days bridge course a screening test helps in the identification of learning levels of students.

The Parameters for students' categorization are as follows;

Table no. 2.2.1 Assessment parameters for students categorization in A, B and C

Sr. No.	Assessment Parameters	Score obtained by student	Weightage
1	**Intermediate** **(10+2) Result**	100 – 80 %	40
		70 – 80 %	30
		60 – 70 %	20
		50 – 60 %	10
		Less than 50 %	05
2		100 – 80 %	40

	Screening Test Score	70 – 80 %	30
		60 – 70 %	20
		50 – 60 %	10
		Less than 50 %	05
3	**JEEE/PET/PPT Ranking**	1 – 3000	20
		3000 – 6000	15
		6000 – 9000	10
		Greater than 9000	05

The students are rated as:-

Table no. 2.2.2 Marks required for category A, B and C

Sr. No.	Name of Category	Medium of Intermediate (10+2) studies	Marks required (as per sum of 03 assessment parameters described in table no. 2.2.1)
1	**Category A** (Advanced Learners)	English	70 - 100
2	**Category B** (Advanced Learners)	Hindi	60 - 100
3	**Category C** (Slow Learners)	English or Hindi	Less than 60

Strategies adopted for improvement of slow learners:

- **Teaching Assistance: -** An Additional Teacher is provided to the subject teacher to assist in classroom teaching. The role of Teaching Assistant is to clear the concept of each and every student by giving personal attention.
- **Recommendation of Books:-**Various books are recommended to students for reading purpose for improvement of English language.
- **Spoken Tutorials:-**Mandatory Spoken English classes are scheduled in Time Table, conducted by Training and Placement department for the moral up-liftment of students.
- **Motivational Sessions:-**To improvise the potential of the students, motivational sessions are conducted.
- **Remedial Classes: -** The Institute conducts Special Class of hundred minute's duration in the first two lectures for difficult subjects in which the students are asked to solve the important questions.
- **English to Hindi Dictionary:** - Students can access dictionary for the translation of technical words.

Strategy adopted for facilitating Advanced Learners:

Students are provided opportunities to improve their career prospects. The Institute has made conscious efforts for the benefit of advanced learners.

- **AVISHKAR Internship:** Students are encouraged to undergo an Internship with Pre-Final and Final year students by working on projects for AVISHKAR exhibition.
- **Student Exchange:** The institute has signed MoU with NIT Goa, IIT KGP, and many other Organizations. Students are being exchanged with other Universities and Institutions. Interaction is also done for academic enhancement.

2.2.2 Student - Full time teacher ratio

Response: 3.94

File Description	Document
Institutional data in prescribed format	View Document

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0

2.2.3.1 Number of differently abled students on rolls

File Description	Document
Institutional data in prescribed format	View Document

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

Response:

Institute has made an effort to shift teaching method from Traditional Teacher Centric Approach to the Student Centric Approach by enhancing students' involvement in experiential, participative learning, and problem solving methodology.

Few methods are listed below;

Experiential Learning

Table 2.3.1 List of activities showing Experiential Learning

Sr. No.	Name of the activity	Description	Examples of participating organisations
1	On-Site Teaching	Students are benefited by on-site teaching methodology in which they are taught practical and real-time industry exposure.	• CIPET, Raipur • CSEB, Khedamara, • Civil work cum survey

			camp
2	Vocational Training	Students of IV and VI Sem undergo one month VT at Industries.	• NTPC, Korba • Rudrah Hydro Power Project, Gangrel Dam, Dhamtari • Tandula Dam, Durg • BEC, Bhilai • Simplex Casting, Bhilai • Infosys, Bangalore • NIT Goa, • BARC, Mumbai • JSW, Raigarh • Persistant Technologies, Nagpur
3	Industrial Internships	Final year students are awarded internships by various	• Infosys, Bangalore • Persistant T

16-03-2018 05:07:05

		Industries and Colleges for UG Projects.	echno logies , Nag pur • NIT Goa • IIT KGP, Khara gpur • NIT R aipur
4	Industrial Visits	One-day Industrial Visits are organized for the students.	• State Electr icity Board • Civil work cum s urvey camp • Akash wani Raipu r
5	Educational Tour	9-10 days Educational cum Industrial Tour is organized for pre-final and final year students to explore the a dvancements.	• BAR C, Mu mbai • ISRO, Banga lore
6	PRAYOG SHALA	Students who win in the Project Competition called "AVIS HKAR" participate in PRAYOGSH ALA which is In- campus	Students worked in 'P RAYOGSHA LA': Live Projects, viz., • Mana ging, Testin g & S ervice of

| | | | live training. | OPD software at RCDSR
• CCTV Camera Installation
• Networking of Campus
• Erection work of HT line Tower
• Development of electrical workshop lab
• Fabrication of wheel chair for handicap persons
• Software on College Management System | |

Participative learning

Table 2.3.2 List of activities showing Participative Learning

Sr. No.	Name of the activity	Description	Examples of participating organisations
1	God-Gram yojna	Institute has adopted a village where students' approach to learning purpose on various issues such as social, economic, digital and so on. • Understanding of local self-governance system • NSS camps • Swachhata Abhiyaan • Digital India Awareness Programme	Village Basin (Durg district)
2	Industry Collaborative Projects	Final year students do Industry Oriented Projects for the purpose of self-learning where these students regularly interact with the Resource Person of the industry and the	Hindustan Aeronautics Limited, Kanpur

		project guide.	

Problem solving methodologies

Table 2.3.3 List of activities showing Problem solving methodologies

Sr.	Name of	Description	Examples

No.	the activity		
1	AVISH KAR	Institute organizes 'AVISHKAR', once a year, for the students of Pre-Final and Final year to work on different projects.	Real time Home Automation Li-Fi Speaker Microwave Gun Bone Conduction Headphones Automatic Grass Cutter Wall Climbing Robot
2	Social cause Projects	Students of final year contribute their skilled hands for Society and Industry.	Headphones for Deaf Backward Brain Cycle

File Description	Document
Link for Additional Information	[View Document](#)

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 100

2.3.2.1 Number of teachers using ICT

Response: 207

File Description	Document
List of teachers (using ICT for teaching)	[View Document](#)
Provide link for webpage describing the " LMS/ Academic management system"	[View Document](#)

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 4.05

2.3.3.1 Number of mentors

Response: 201

File Description	Document
Year wise list of number of students, full time teachers and students to mentor ratio	[View Document](#)

2.3.4 Innovation and creativity in teaching-learning

Response:

The College Management persistently encourages faculty for adoption of innovations and creativity in teaching. This has resulted in innovative teaching learning method viz., through models, simulations, analogy, onsite teaching, and teaching through live projects.

Following are some of the examples of innovations in Teaching Learning Process;

Table 2.3.6 List of activities showing innovation and creativity in Teaching-Learning process

Sr. No.	Practises involved in Innovation and Creativity	Description
1	Use of ICT/LMS/Videos	Institution incorporates learning with the aid of ICT/ LMS an memorising videos such as animated videos of internal section working of Electrical Machines, Solids, Engines, MPFI Engines
2	Talks by Industry Experts via TEDx (online YouTube), NPTEL and SMART INDIA HACKATHON	• Every semester, Industry Experts such as Designers, Planners, and Maintenance Engineers are invited to guid the students regarding practical knowledge and technological advancements. • Live and recordings of Talk shows on TEDx, NPTEL et are streamed for students. The recording repository is maintained on college website. • Various Expert Talks are streamed through Smart India Hackathon
3	On-site Teaching	Institute intends to support students through on-site teaching i which students are benefited by the study and analysis of real ti applications. For example; • Erection of HTL Tower • Networking of Campus • Cabling Software Testing and Implementation
4	Guest lecture by Famous Personalities	Famous Personalities like RamdeoBaba, Mr. Anna Hajare, Pan

			Vijay Shankar Mehta ji are invited to throw light on societal iss
5	**'AVISHKAR'**		Institute has adopted one of the best practices **'AVISHKAR':** Innovations, once a year, for Pre Final and Final Year.
6	**'MIRROR'**		To compete globally, the institute has incepted a self-assessme activity named **'MIRROR'**, which is a training and mock of Campus Placement.
7	Technical GD		Technical Group Discussions are conducted.
8	Book Review Report		Students submit Book Review Report which is recommended the teacher.
9	Industrial Collaborative Projects		Final year students do Industry Oriented Projects for the purpos self-learning where these students regularly interact with the Resource Person of the industry and the project guide.
10	**'TECH-REVISE'**		Schedule of 5-6 classes at the beginning of 6th semester condu by department, to revise the previous semester important topi
11	YouTube Videos		Videos of important topics and concepts uploaded by teachers be accessed by the students through YouTube.
12	PRAYOGSHALA		Students who win in the Project Competition called "AVISHK participate in PRAYOGSHALA which is In- campus live traini • Managing, Testing & Service of OPD software at RCDS • CCTV Camera Installation • Campus Networking • Erection work • Development of electrical workshop lab • Fabrication of wheel chair for handicaps
13	Learning Clubs		Learning clubs like TEDx, APTI and GATE are formed for p final and final year students for self-learning.

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 93.65

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 5.86

2.4.2.1 Number of full time teachers with Ph.D. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
12	13	7	6	4

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document

2.4.3 Teaching experience of full time teachers in number of years

Response: 5.18

File Description	Document
List of Teachers including their PAN, designation,dept and experience details	View Document

2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 1.05

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4	4	0	0	0

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of award letters (scanned or soft copy)	[View Document](#)

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 11.7

2.4.5.1 Number of full time teachers from other states year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
22	20	14	16	15

File Description	Document
Any additional information	[View Document](#)
List of full time teachers from other state and state from which qualifying degree was obtained	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Response:

Chhattisgarh Swami Vivekananda Technical University (CSVTU), Bhilai has stipulated the structure of internal marks to be awarded to students. Internal marks are to be awarded on following two parameters:

1. Teachers' Assessment (Theory and Practical)
2. Class Test

The college has brought about following reforms in evaluating Teachers' Assessment and Class Test.

- Earlier the Teachers' Assessment score depended solely on class attendance. Now, Teachers' Assessment depends on overall performance of student in curricular, co-curricular and extra-curricular activities.
- In 2013, the Class Tests were conducted by individual faculty member as per his schedule. However, the system is now reformed and the Class Test schedule is included in the academic calendar and is conducted centrally by the examination department.
- Earlier there was no scope for student for improvement in Class Test score. However, now student can appear for a repeat Class Test and can improve his score.

The Internal Evaluation System of the institution is designed to comply with the Assessment criteria devised by the Chhattisgarh Swami Vivekananda Technical University (CSVTU), Bhilai. This criterion includes following two major classifications:

1. **Teachers' Assessment**

Teachers' Assessment is of 20 marks which are based on the following parameters (more specifically presented in Table 2.5.1)**:**

1. Attendance during semester
2. Assignments and other Academic work like

- AVISHKAR
- Technical Group Discussion
- Participation in Curricular and Co-Curricular activities
- Participation in Sports and Cultural Activities such as CARNIVAL, CSVTU Youth Festival etc.

1. **Class Test Assessment**

Class Test Assessment is of 20 marks which is based on the following parameters**:**

1. Performance in Class Test Examination
2. Performance in Pre-Semester Examination

The assessment criterion based on Teacher's Assessment and Class Test Assessment is described in the table 2.5.1

Table 2.5.1 Marks Distribution for Internal Assessments

Evaluation Parameters		Topics Covered	Max. Marks
Class Test Assessment	Class Test-1	2 Units	10 Marks
	Class Test-2	2 Units	
	Pre-Semester	All 5 Units	10 Marks
Teacher's Assessment	Attendance	Full Semester	10 Marks
	Assignments	1 per unit	05 Marks
	Participation in Technical GD	Basic Topics	05 Marks
	Participation in Curricular and Co-Curricular		

	activities		
	Participation in AVISHKAR		
	Total Internal Assessment Marks		**40 Marks**

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Response:

For the newly admitted students, an 'Orientation Program' is conducted every year where the rules and regulations of the affiliated university and evaluation procedures are explained**.**

To avoid any discrepancy in Continuous Evaluation Process, the Institute ensures that the various Internal Assessment followed are fair and transparent as listed in Table 2.5.2 below.

Table 2.5.2 Parameters for making Internal Assessment a Transparent Process

S.No	PRACTICES		DESCRIPTION	WEIGHTA
1.	End Semester Examination		As per Chhattisgarh Swami Vivekananda Technical University.	80 Marks
2.	Class Tests (Internal Assessments)		Internal tests include Class-Test 1, Class-Test 2, and Pre-Semester Examinations whose marks are displayed on the Departmental Notice Board. -Answer Sheets of respective tests are shown to students. -Calculation of Internal marks are done according to Table 2.1.1.	20 Marks
3.	Teacher's Assessment	Attendance	Students are required to maintain 85% attendance throughout the semester as per norms of CSVTU -Monthly attendance is displayed on the departmental notice boards and conveyed to the parents via telephonic conversations and Registered Post.	10 Marks
		Seminars	Minimum 3 seminars are required to be given by each student according to the subject. -Indicated in respective Teaching Diaries.	5 Marks
		Practice Questions	Usually questions on five units are given which is mandatory for all students. -Indicated in respective Teaching Diaries.	5 Marks
4.		Practical Grades	Practical Assessments include Practical attendance, Viva sessions, File Maintenance, Internal Viva-Voce.	40 Marks

			-Indicated on Departmental Notice Board.		

Table 2.5.3 Parameters for making Internal Assessment a Robust Process

S.No	ACTIVITY	FREQUENCY	
1.	Class Tests	Class Tests are scheduled 2 times in a semester. First Class Test -August 1st week Second Class Test -September 1st week Refer Table 1.2.	
2.	Pre-Semester Examination	Scheduled once in a Semester in October last/ November which covers full syllabus. Refer Table 1.2.	
3.	Academic Calendar	Two Academic Calendars are followed half yearly fo semesters. 1st - July-December for Odd Semester 2nd- January-June for Even Semester	
4.	Grievance related issues	Filing of a grievance by the student and actions taken in it are managed within 6 days.	

The above description indicates that Internal Evaluation System is robust in terms of frequency and variety

Table 2.5.4 Calculation of Internal marks

Exam type	Max. marks per Subject	% of Marks Obtained per subject	Average % obtained per subject	Assessment Criteria for Average % obtained per subject	Sessi Marks 20
Class Test-1	40	% CT-1= CT 1 marks/40		80-100%	20

Class Test-2	40	% CT-2 = CT 2 marks/40	% Average	70-80%	15
Pre-Semester	80	% Pre Sem= Pre Sem marks/40	(% CT-1 +	60-70%	10
				50- 60%	08
			% CT-2 +	= < 50%	05
			% Pre Sem)/3		

2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient

Response:

Grievances related to Question Paper

To maintain the credibility, reliability and balance in the examination system, a mechanism of "Grievance Redressal" is in place in the form of examination grievance redressal cell. The cell addresses students' grievances regarding internal examination. The mechanism of redressal is given below:

Aggrieved student submits his grievance to the Superintendent of Examination in the format given in Figure 2.5.1 below;

RSR RUNGTA COLLEGE OF ENGINEERING AND TECHNOLOGY
KOHKA KURUD ROAD,BHILAI
(Request for Redressal for Grievance in Examination)

Date- 15/03/

1. Name of the Examination:- CT-I (BE 3rd sem.)
2. Subject:- Electric Circuit
3. Date of Examination:- 10/03/2017
4. Name of subject teacher:- Ms. K. Neha
5. Name of Department:- EEE
6. Grievance

Rechecking of marks obtained in Q.No. 1(c)

Examinee Name:- Mr. Ramkaran Verma
Roll no.:- 307902516012
Signature of Examinee Ramkaran 15/03/2017

7. Teacher's Comments:- Solved by another method instead of mentioned one.

Neha 16/03/17
Signature of Teacher

8. Hod's Comments

Can not be revised as not solved by given method

Signature of HOD 14/03/17

9. Decision of Exam Superintendent

Can not change

Signature of Exam Superintendent 16/03/19

Figure 2.5.1 Scanned copy of filled Proforma of Examination related grievance.

Proforma submitted by students are processed by the Examination Grievance Cell which is constituted at the college level as presented in Table 2.5.5.

Table 2.5.5 Exam related Grievance Redressal Committee (AY: - 2017 – 18)

S.N	Name	Category	Phone No.	Email id
1	Dr. Ashish Sharma	Exam Sptd.	9827182928	sharmadrashish@yahoo.co.in
2	Mr.Vishal Goswami	Member	8878578611	vishal.goswami.in.19

				83@gmail.com
3	Mr. Sachin Harne	Member	9302157849	sachin.harne2027@gmail.com
4	Mr. Chandrabhushan	Member	8959296485	tiwarichandu08@gmail.com
5	Mr. R.C.Singh	HOD(Civil)	9229344459	rsrhodcivil@rungtacolleges.com
6	Mr. Shajid Ansari	HOD(CSE)	9229344451	rsrhodcse@rungtacolleges.com
7	Mr. Sandeep Somkuwar	HOD(EE)	9229344452	rsrhodeee@rungtacolleges.com
8	Mrs.Rinkey Sahu	HOD(Mech)	9229344470	rsrhodmech@rungtacolleges.com
9	Mrs. Seema Mishra	HOD (Dip.EE)	9893295268	seemajbp2002@gmail.com
10	Mr. Novel Sahu	HOD (Dip.Mech)	8871087890	rsrhodcivil@rungtacolleges.com

The complaint submitted by the students is placed before the Exam related Grievance Redressal Committee. The committee takes appropriate cognizance of the complaint as per the process presented in Figure 2.5.2
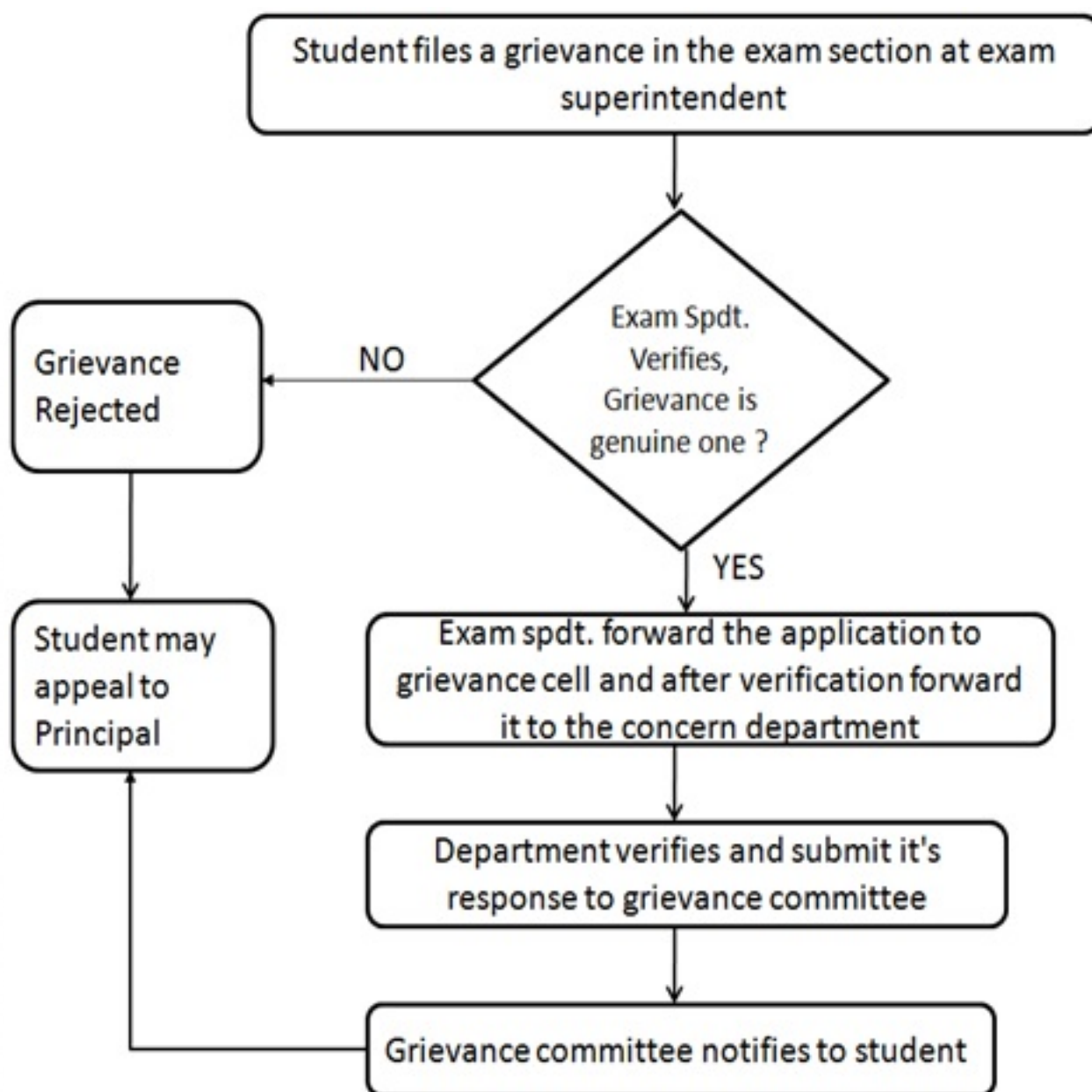
Figure 2.5.2 Flow Chart showing Grievance Redressal Process

File Description	Document
Any additional information	View Document

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Response:

We follow a well-planned Academic Calendar which is prepared, keeping in mind the scheme and syllabus of each semester, and Academic Calendar issued by the affiliating university. It maintains an equilibrium between the academic and co-curricular activities, various exams scheduled, teaching plans and various inter and intra college activities. We have separate academic calendars for under graduate, post graduate

and diploma program. The academic calendar is well structured and takes care of schedule of assessment system and teaching learning process as shown in Figure 2.5.3 (uploaded as additional information)

Important features of Academic Calendar are as below;

1. **Teaching Diary** - It is prepared and continuously maintained by every faculty of individual subject of every theory and practical subject. Each unit is assigned definite hours and lectures to manage the course coverage keeping in mind the scheme of the semester. The number of lectures to be taken are framed according to the scheme and syllabus finalized by the affiliated university.
2. **Timely Departmental Meetings -** are scheduled to line up the course coverage and various problems faced by the faculties. A discussion on the feedback is done.
3. **Project Competitions** - To evaluate the performance of the students, several Skill Testing competitions like seminars, project competition named AVISHKAAR etc. are scheduled in the calendar which tests the Communication and Technical Skill.
4. **Previous Year Question Papers -** After the completion of each unit, previous year question papers are discussed and assignments are given on it. Students are prepared to face the End Semester Examination. Question banks based on each unit are prepared by the respective teachers.
5. **Internal Examinations** - Two Class tests are scheduled in a manner that each class test covers 2 units out of 5. And the Pre-Semester examination covers all the 5 units giving sufficient Preparation Leave to the students for the university exams.

The Evaluation Schedules are followed by the faculty members and the completion of Internal Assessment Evaluation is done within seven days of the exam. The results are displayed which maintain transparency and identifies the low scorers for Re-Test. Monthly Attendance Report of each student is calculated and informed to them as well as their parents.

File Description	Document
Any additional information	[View Document](#)

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 on website and communicated to teachers and students

Response:

Mechanism of Communication

The college offers the Program Outcomes (PO), Program Specific Outcomes (PSO) and Course Outcomes (CO) in a well defined way for all the programs. It follows the defined Course Objectives and Outcomes as specified by Chhattisgarh Swami Vivekananda Technical University, Bhilai, which lead to the attainment of POs and PSOs. These are communicated to the students and faculties by following means:

- The POs, PSOs and COs are uploaded on the college website.
- They are also printed in the college brochure and circulated among the students at the start of the session.
- They are also displayed in the chamber of the HODs.
- An Orientation Program, aimed to convey the Objectives and Outcomes to the students, is organized at the start of a program.
- The faculty members convey the COs to the students in the 1st lecture of the academic session.

File Description	Document
COs for all courses (exemplars from Glossary)	View Document
Any additional information	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

The institute assesses the attainment of Program Outcomes (PO), Program Specific Outcomes (PSO) and Course Outcomes (CO) often by various measures. The assessment involves the ensuring of the mapping of COs with POs and measuring the performance of the students quantitatively and qualitatively. The concerned faculties and the HoDs take account of the evaluation and report the same to the institute head.

The following are the methods by which the institution evaluates the attainment of PO, PSO and CO:
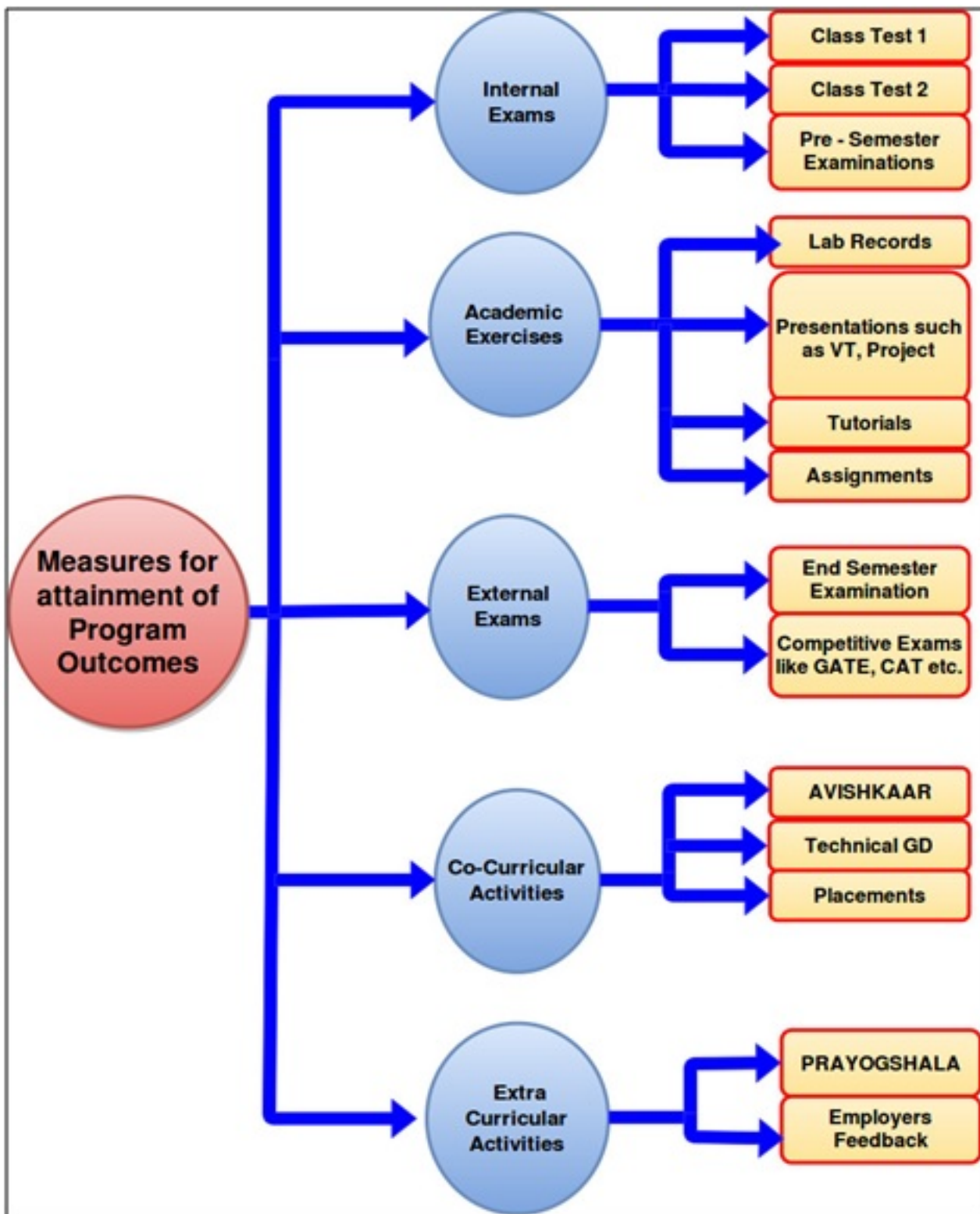
Figure 2.6.1 Assessing parameters for attainment of Program Outcomes, Program Specific Outcomes and Course Outcomes

Sr. No.	Assessment Parameters	Practices	
1	Internal Examinations	Class Tests	Class Tests are conducted twice
		Pre-Semester examination	test is also conducted for the stu
			monitored, recorded and displa

2	Academic Exercises	Lab records	These are checked and evaluate practical experiments and al
		Presentation	Vocational Training presentation measure the illus
		Tutorials	Four lectures per week are importantquestions given by subj The weak students
		Assignments	0ne assignment per unit is gi application knowledge and r
3	External Examinations	End Semester Examinations	The score in the final exam sho A
		Competitive Exams	The number of students qualifyir ensure
4.	Co-Curricular Activities	AVISHKAR	Major and minor projects are ass project competition named "AV assesses qualitatively the innovat
		Technical Group Discussion	Technical Group Discussion is co
		Placements	Information is also compiled ea
5.	Extra-Curricular Activities	PRAYOGSHALA	Prefinal and Final year students ca
		Employers feedback	Feedback from employer's are

File Description	Document
Any additional information	

2.6.3 Average pass percentage of Students

Response: 73.85

2.6.3.1 Total number of final year students who passed the university examination	
Response: 209	
2.6.3.2 Total number of final year students who appeared for the examination	
Response: 283	
File Description	**Document**
Institutional data in prescribed format	

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process	
Response:	
File Description	**Document**
Database of all currently enrolled students	

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years

Response: 13

3.1.1.1 Total Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year wise during the last five years(INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
1	5	7	0	0

File Description	Document
List of project and grant details	[View Document](#)
e-copies of the grant award letters for research projects sponsored by non-government	[View Document](#)

3.1.2 Percentage of teachers recognised as research guides at present

Response: 2.42

3.1.2.1 Number of teachers recognised as research guides

Response: 5

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

3.1.3 Average number of research projects per teacher funded by government and non government agencies during the last five years

Response: 0.02

3.1.3.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 13

File Description	Document
Supporting document from Funding Agency	[View Document](#)
List of research projects and funding details	[View Document](#)
Funding agency website URL	[View Document](#)

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

The college has incepted **Start up Incubation Centre (Start – IC),** and **Entrepreneurship Development Cell (ED Cell).** In this student, entrepreneurs and faculty members extend their skill set. The entrepreneurs in surrounding area are co-opted in the executive committee. They groom the students for beginning their own enterprise and train the students regarding various formalities to be undertaken for beginning of project.

Aims and Objective:

1. To promote entrepreneurship spirit among the students
2. To establish a bridge between entrepreneurs and students
3. To incubate startup ideas and to convert them into full fledged enterprise

Methodology

At the beginning of every semester students are encouraged to register for Start-IC club. The formats are distributed to the students who are interested to join Start-IC Club. Accordingly the numbers of students registered for Start-IC club are as follows

Table 3.4: Number of Students Registered is as follows.

S.No	Academic year	Number of students registered
1	2015-2016	282
2	2016-2017	304
3	2017-2018	316

Following steps are taken to achieve stated aims and objectives

1. Organization of workshops for students and entrepreneurs
2. Organization of conferences highlighting network between students and entrepreneurs
3. Collaborating with imminent personalities from industrial background and Government of India.
4. Exchange of students with imminent industries and organizations

Programs organized

The start-IC and ED-cell was established in the year 2015 and following programs were conducted.

Table 3.5: List of programs

S.No	Title of Program	Date of program	Number of attendees	Prominent p
1	Workshop on Entrepreneurship Development	3/1/2015	350	Dr. D. R. Pe Prof departn metallurg Engineering Nagpu
2	Workshop on Development of Communication Skill for Entrepreneurs	11/4/2015	320	Dr. Seema Communic trainer
3	Entrepreneurship Meet	10/10/2015	267	Number entrepren participitate number of s participate number of f participitate
4	Lecture on preparation on project proposal	1/2/2016	278	Manager d industry c Governme Chhattisg
5	A glimpse of upcoming industrial hub at Naya Raipur, Chhattisgarh	5/7/2016	327	Managing di Naya Rai developn authori
6	A lecture on emerging opportunity in electronics and information technology Sector in Chhattisgarh	6/10/2016	287	Chief exec officer, Chips
7	A lecture on Introduction to entrepreneurship for newly	7/2/2017	247	Mr. Shyaam Dean Traini

	registered students of start IC			placement,
8	A lecture on Real life experience of setting up a startup	7/8/2017	232	Mr. Umakan proprietor Makers, B

Students exchange program

In order to attain stated aims and objectives the students registered with Start-IC and ED-Cell is encouraged to attend the exchange with organizations of national importance. Accordingly the Memorandum of Understanding (MoU) is reached between following organizations for exchange of students

1. Central Institute of plastic Engineering and Technology (an Undertaking of Govt. of India) Raipur
2. National Institute of Technology, Goa
3. Global Talent Track Pvt. Ltd , Pune, Maharashtra
4. HERE solutions India Pvt. Ltd, Gurgaon
5. INFOSYS Ltd., Bangalore
6. Godawari Power and Ispat Pvt. Ltd., Raipur
7. St. Aloysius Institute of Technology, Jabalpur

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Response: 11

3.2.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4	3	2	2	0

File Description	Document
List of workshops/seminars during the last 5 years	View Document
Report of the event	View Document

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Response: Yes

File Description	Document
Institutional data in prescribed format	View Document

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

Response: Yes

File Description	Document
List of Awardees and Award details	View Document
e- copies of the letters of awards	View Document

3.3.3 Number of Ph.D.s awarded per teacher during the last five years

Response: 1.4

3.3.3.1 How many Ph.Ds awarded within last five years

Response: 7

File Description	Document
URL to the research page on HEI web site	View Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years

Response: 0.26

3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
102	11	41	11	20

File Description	Document
List of research papers by title, author, department, name and year of publication	[View Document](#)

3.3.5 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years

Response: 0.26

3.3.5.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
123	56	7	6	3

File Description	Document
List books and chapters in edited volumes / books published	[View Document](#)

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

'Social Commitment' is an integral part of the College vision. Accordingly the college takes care of the issues pertaining to the adjoining rural area. Every year students and faculty members visit the adjoining villages, Basin, Khedamara and Kurud. Various issues related to these villages are addressed through number of events conducted in the village. Following are the details of such events conducted at these two villages.

Table 3.12: Year Wise Number of Extension Activity

Year of Extension Activity	Number of Extension Activities
2013	4

2014	4
2015	5
2016	6
2017	7

The outreach programs in the institution are organized through basic units: NSS and Women Empowerment Cell .The faculty and the students are sensitized on their social responsibilities through:

1. Participation in Community development programs.
2. Health and hygiene awareness programs
3. Cleanness Awareness programs
4. Gender sensitizing programs
5. Medical checkup camps
6. Environmental awareness programs.

The students and the faculty members are sensitized for extension activity through

1. Value based curriculum
2. Group discussions
3. Debates on social issues
4. Seminars on social issues
5. Celebration of No Tobbacco Day
6. Yoga day
7. Save Girl Child
8. World Youth Day
9. Swachachh Bharat Abhiyan
10. Cashless Transaction program
11. World environment day

File Description	Document
Any additional information	[View Document](#)

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Response: 26

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
7	6	5	4	4

File Description	Document
Number of awards for extension activities in last 5 years	View Document
e-copy of the award letters	View Document

3.4.3 Number of extension and outreach programs conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc., during the last five years

Response: 17

3.4.3.1 Number of extension and outreach programs conducted in collaboration with industry,community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc.,year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
7	5	3	2	0

File Description	Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 0.19

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
7	5	3	2	0

File Description	Document
Average percentage of students participating in extension activities with Govt. or NGO etc.	View Document

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Response: 16

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
7	4	3	2	0

File Description	Document
Copies of collaboration	View Document
Number of Collaborative activities for research, faculty etc.	View Document

3.5.2 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 17

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
12	1	0	3	1

File Description	Document
Any additional information	View Document
Details of functional MoUs with institutions of national, international importance,other universities etc. during the last five years	View Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

The Institute provides infrastructure necessary for Teaching-Learning process as per the norms stipulated by All India Council for Technical Education, New Delhi. The adequacy of the facility is evident from the fact that the floor area of the facility is more than prescribed by All India Council for Technical Education, New Delhi, and the computing facilities are also more than adequate as per AICTE norms.

Room type	No. of Rooms	Total Carpet Area	AICTE Requirement	
Class Room	40	3517.95 Sq. m.	2640 Sq. m.	A
Laboratory	71	6560 Sq. m.	4686 Sq. m.	A
Research Laboratory	03	208.2 Sq. m.	198 Sq. m.	A
Seminar Hall	07	1052 Sq. m.	462 Sq. m.	A
Tutorial Room	05	232.58 Sq. m.	165 Sq. m.	A
Library	01	455 Sq. m.	400 Sq. m.	A
Workshop	02	420 Sq. m.	400 Sq. m.	A
Computing device	Computer	445 Sq. m.	400 Sq. m.	A

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

Response:

Adequate Facilities:

Sports (Outdoor and Indoor Games)

- The outdoor facilities for Badminton, Volley ball, Football, Basket ball and Cricket are available.
- A Separate indoor games facility for playing badminton, table-tennis, chess and carom is provided and it is being used by the students regularly.

Gymnasium:

- Institute hostel has gym facility for students and staff.

Auditorium:

- The college has an open and closed auditorium. All the college events are regularly conducted in this auditorium

Cultural Activities:

For conducting cultural activities, college has one indoor facility and three outdoor facilities. The indoor facility is in the form of an auditorium of capacity 250 seats. Outdoor facility consists of an open air theater which can accommodate 5000 students and two open to sky spaces at Computer Science and Engineering Department and Central Library.

The details of all the facilities meant for sports, games and cultural are given below.

USER RATE

(For Bachelor of Engineering)

Sr.no	Sports Name	Area (Sq.m.)	Area Required as per Norms (Sq. m.)	Available lecture (45)	User Rate – BE (Weekly usage)	User Rate – Diploma (Weekly usage)
1.	Basketball	450	436.7	45	30/45= 67 %	6 / 45 = 26 %
2.	Volleyball	170	162	45	28/ 45= 63 %	18 / 45 = 40 %
3.	Cricket	10000	8083	45	28/45= 63 %	30 / 45 = 67 %
4.	Football	6000	5400	45	35/45= 78 %	8 / 45 = 17 %
5.	Badminton	90	81.7	45	38/45= 84%	23 / 45 = 51 %
6.	Hockey	1600	1586	45	28/45= 63%	0/ 45 = 0 %
7.	Tug of war	NA	NA	45	28/45= 63%	18 / 45 = 40 %
8.	Chess	NA	NA	45	36/45= 80%	7 / 45 = 15 %
9.	Carom	NA	NA	45	30/45= 67%	31 / 45 = 69 %

10.	Kho-kho	250	247	45	14/45= 32%	3 / 45 = 7 %
11.	Throw ball	170	162	45	10/45= 23%	3 / 45 = 7 %
12.	Table Tennis	NA	NA	45	13/45 = 28 %	15 / 45 = 33 %
13.	Ludo	NA	NA	45	42 / 45 = 93 %	15 / 45 = 33 %
14.	Kabaddi	200	130	45	3 / 45 = 7 %	3 / 45 = 7 %

Note:- Since the Diploma Classes are in second shift, the sports facility is utilized in evening hours.

Yoga, Health and Hygiene

The CSVTU syllabus has Yoga, Health and Hygiene as a Soft Skill course in its curriculum. The experts are invited to conduct session of Yoga and value education. The college provides facility for yoga and meditation adequately.

4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

Response: 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 47

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	[View Document](#)

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation

during the last five years.

Response: 30.07

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
139.56	55.78	97.12	201.58	544.92

File Description	Document
Audited utilization statements	View Document
Details of budget allocation, excluding salary during the last five years	View Document

4.2 Library as a Learning Resource

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

Response:

The library of the college is housed in the built-up area of 455 Sq. m. Ambiance of the library is attractive and encourages learning activity. The furniture is so designed that extended our experience becomes joy for the students.

An advisory committee for the library looks after smooth functioning of library. The members of the advisory committee are;

Sr. No.	Name of Committee Member	Designation
1	Dr. P.S. Bokare	Chairman, Principal
2	Mr. Ashutosh Mishra	Member, Associate Professor, EEE department
3	Ms. Shanky Garg	Member, Assistant Professor, CSE Department
4	Ms. T. Anita	Member, Assistant Professor, Mechanical

		Engg. Department
5	Mr. Anil Kumar	Member, Assistant Professor, Civil Engg. Department
6	Ms. Gitanjali,	Convener, Librarian

The library advisory committee meets twice a year and recommends for enrichment of library, purchase of additional books, journals, magazines and subscription to periodicals. The committee focuses on digitalization of library resources in the form of e-books, e-journals and e-magazines.

The library is wi-fi enabled and 10 computers are provided in reading section and 05 in reference section. The computers are loaded with LMS and students and faculty members can access eresources through the computer machines.

The library has e subscription of DELNET, NDL IIT Kharagpur and many more e journals and magazines. Digital copies of NPTEL lectures are saved in the computers in library. These are also available on college web site the students can avail it using user name and password. Library Reprography facility is provided in the library and works as per the guidelines and instructions framed by advisory committee.

Open access system is provided in library wherein students can access the books on ILMS and can put a requisition for it. They can also roam around in the library and can choose the book of their choice.

Reading room facility is provided which is used by students for study purpose.

Following are some of the images of library resources;

A view of Library Stack Room

A view of Library Stack Room

An image of Library Counter

Image of Reading Room

File Description	Document
Any additional information	View Document

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Response:

Library has got following valuable and rare books;

Sr. No.	Title	Author	Publisher/Ed
1	Concise Encyclopedia of Robotics (TAB Robotics) Paperback	Stan Gibilisco	McGraw-Hill Publishing C edition (12 Nov
2	Encyclopedia of Human Thermodynamics	Libb.	Thims General E

3	D K Knowledge Encyclopedia, 2017	DK Hardcover	Penguin (201?
4	The English errors of Indian students	T.l.h. sonith pearse	Oxford India
5	Concise Handbook of Civil Engineering	Varirani, v.n.	S.chand
6	Handbook of walkthroughs inspections & technical reviews	Freedom, Daneil p.	LB
7	Handbook of reinforced Concrete Design	Sinha, S.N.	McGraw-Hil
8	Cyber law & It Protection	Chander	PHI

4.2.3 Does the institution have the following:

1. **e-journals**
2. **e-ShodhSindhu**
3. **Shodhganga Membership**
4. **e-books**
5. **Databases**

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: C. Any 2 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc.	[View Document](#)

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 6.05

4.2.4.1 Annual expenditure for purchase of books and journals year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
3.73	4.33	5.32	11.24	5.63

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	[View Document](#)

4.2.5 Availability of remote access to e-resources of the library

Response: Yes

File Description	Document
Details of remote access to e-resources of the library	[View Document](#)

4.2.6 Percentage per day usage of library by teachers and students

Response: 16.63

4.2.6.1 Average number of teachers and students using library per day over last one year

Response: 170

File Description	Document
Details of library usage by teachers and students	[View Document](#)

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

The college adopts best practices for scalable and sustainable implementation of all IT services. It provides computing and networking services such as desktops, laptops, internet for all the departments, library and office. Appropriate standards are followed for selection, purchase, setup and maintenance of all computing and networking equipment is done by the Technical Committee. The College provides necessary training to the users through the Technical Committee.

Procurement of computing and networking equipment are made through a Technical Committee comprising of the Principal, Head of the Computer Science and Engineering Department., IQAC Coordinator, Purchase officer. College strictly adheres to the Terms & conditions of license agreements of IT resources software usage. It insists upon use of open source software and strictly prohibits the usage of pirated and unlicensed software. Licenses of all software are maintained by the Technical Team.

Following software's have updated licences as on date

Sr. No.	Name of Software	Number of Licence	
1	Windows Operating System Laboratory	30+10	
2	ETNL Application Software	30	
3	MS Office	20	
4	AUTOCAD	30	
5	CATIA	30	
6	KEIL	30	
7	XILINX	30	

4.3.2 Student - Computer ratio

Response: 1.83

File Description	Document
Student - Computer ratio	[View Document](#)

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)
<5 MBPS

5-20 MBPS

20-35 MBPS

35-50 MBPS

Response: >=50 MBPS

File Description	Document
Details of available bandwidth of internet connection in the Institution	[View Document](#)

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	[View Document](#)
Link to photographs	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 31.28

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
148	67	101	197	554

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	[View Document](#)

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

Response:

Institute allocates a separate budget for maintenance of infrastructure facilities and equipment.

Infrastructure Maintenance procedure:

Periodically all the buildings are inspected and repairs are carried out as per the maintenance budget. All the buildings are painted once in two years with quality paint. Wall cracks and roof cracks are identified and filling is done by using suitable materials. All the road get tarred once in five years. Lawns Plants & Trees are well maintained within the campus. The safety and security requirements are well ensured within the campus.

Electrical Maintenance:

The site office section of the administrative block of RSRRCET taks care of electrical maintenance work.

- Maintenance of Diesel Generators.
- Maintenance of UPS systems and its batteries.
- Ensuring the proper earth connection for various equipment in the lab and class rooms.
- Maintenance of solar panels & battery.
- Maintenance of subsystem high mast tower & area lighting.
- Maintenance of water cooler and AC through AMC.

Equipment facility:

Maintenance of lab instruments and equipments are taken up by the respective department as and when

required. RSRRCET has an AMC for maintaining the computing facility in the institute.

Library :

The library is computerised equipped with ILMS with barcode printer and barcode reader leaser gun annual maintenance of the system is undertaken by the computer science and engineering department of the college. Annually pest control is undertaken by m/s pest control limited Bhilai.

Floor and class room maintenance

The entire floor is maintained by the ground staff.

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 22.81

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
353	486	475	445	230

File Description	Document
Upload self attested letter with the list of students sanctioned scholarships	[View Document](#)
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	[View Document](#)

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 6.72

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
244	153	128	54	12

File Description	Document
Any additional information	[View Document](#)
Number of students benefited by scholarships and freeships besides government schemes in last 5 years	[View Document](#)

5.1.3 Number of capability enhancement and development schemes –

1. **For competitive examinations**
2. **Career counselling**
3. **Soft skill development**
4. **Remedial coaching**
5. **Language lab**
6. **Bridge courses**
7. **Yoga and meditation**
8. **Personal Counselling**

A. 7 or more of the above

B. Any 6 of the above

C. Any 5 of the above

D. Any 4 of the above

Response: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	<u>View Document</u>

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 73.33

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1253	1413	1348	1176	1116

File Description	Document
Any additional information	<u>View Document</u>
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	<u>View Document</u>

16-03-2018 05:08:00

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

Response: 73.33

5.1.5.1 Number of students attending VET year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1253	1413	1348	1176	1116

File Description	Document
Details of the students benifitted by VET	View Document

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Response: Yes

File Description	Document
Details of student grievances including sexual harassment and ragging cases	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 22.21

5.2.1.1 Number of outgoing students placed year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
131	119	82	39	86

File Description	Document
Details of student placement during the last five years	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 1.01

5.2.2.1 Number of outgoing students progressing to higher education

Response: 5

File Description	Document
Details of student progression to higher education	View Document
Upload supporting data for student/alumni	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: NET/SLET/GATE/ GMAT/CAT, GRE/ TOFEL/ Civil Services/State government examinations)

Response: 4.85

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOFEL/Civil Services/State government examinations) year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
13	11	7	6	8

5.2.3.2 Number of students who have appeared for the exams year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
169	207	213	204	159

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document
Any additional information	View Document

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) during the last five years.

Response: 12

5.3.1.1 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 wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
5	3	2	2	0

File Description	Document
e-copies of award letters and certificates	View Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

Every year, students elect their Class Representatives and from the elected Class Representatives, Office Bearers of students association are elected. A system of Class Representatives (a boy and a girl) is working fine for handling issues related to students' diversity. The elections are conducted according to the guidelines of affiliating university every year. Students elect their President, Vice President, Secretary and Joint Secretary through direct election. The Office Bearers actively take part in college working.

Students also elect representatives for various bodies including NSS.

College provides a platform for the active participation of the students in the various academic & administrative bodies through continous students' feedback through online and offline (suggestion box) process. This empowers the student in gaining leadership qualities and consideration for rules, regulations and governance process. Every department has Departmental Students Committee looking into academic and non-academic affairs of the department.

The student members bring forward their views and suggestions of the entire class with respect to the faculty, subjects, syllabus and other things related to the class.

Each section nominates its Class Representative who takes care of students concern through Head of the Department.

The College Level Student Council helps students share ideas, interests, and concerns during Cultural and Co-Curricular activities and participate in activities including social events, community projects, helping people in need and college reforms.

Some of the important events that are conducted by the students' council are :

1. Technical Group Discussions
2. Lan Games
3. Guest lecture
4. Industrial Visits
5. Ludo Games
6. Snakes and Ladders
7. Rungta Roadies

The Students' Council Members periodically meet the Principal and Heads of Department with various suggestions for improvement.

File Description	Document
Any additional information	[View Document](#)

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Response: 51.2

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
49	54	66	46	41

File Description	Document
Number of sports and cultural activities / competitions organised per year	[View Document](#)

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

Since the first batch of the Alumni of the college passed out in the year 2012, the heist experience of the alumni of this college in the professional field is around five years; their achievement in the society is proportional to their experience. However, the connect with alumni is very strong through Registered Alumni Association and through host of activities that were carried out by alumni association. Alumni association is involved in activities like;

1. Alumni meets metropolis wise (once in a year)
2. Fund raising event
3. Guest Lecture for junior students

The Office Bearers of the alumni association meet regularly in the college campus and discuss and decide upon the issues of mutual interest. The department has maintained an Alumni record for regular connect and feedback. Former faculty members occasionally meet to participate in such events.

Objectives of Alumni Association:

1. To foster the spirit of loyalty with college
2. To promote general welfare of college
3. To support college vision, mission, and goals
4. To strengthen the ties between college and the alumnis .
5. To maintain record of alumni.

More information about the alumni association is available on https://alumni.rungtacolleges.com

Alumni Faculty coordinators:

S.No.	Name of coordinator	Department	Contact Nu
1.	Mr. Sachin Harne	CSE	9302157
2.	Mr. Chandrabhushan Tiwari	Mechanical	8959296
3.	Mr. Shailendra Singh	ET&T	9907988
4.	Mrs. Seema Mishra	Electrical Engg.	8871640
5.	Mr. Ashish Dubey	Mechanical	7587070

The faculty coordinators of the alumni association are work rigorously in establishing contact with alumni and encourage them to take part in various activities of the college. Regular alumni meets are organized in and outside the campus. Senior faculty members take active part in organizing these meets at various location like Mumbai, Bangaluru etc. The details of these meets are as below;

S. No.	Location	Date	Venue	No. of Alumni Participated	Name of Faculty Members Participated	Expend incur
1.	Bhilai	15-03-2014	RSR Rungta College of Engineering and Technology, Bhilai	12	Mr. Sachin Harne Rinky Sahu	2000
2.	Bhilai	14-03-2015	RSR Rungta College of Engineering and Technology, Bhilai	10	Mr. Sachin Harne Mohd Shajid Ansari	2000
3.	Bhilai	17-10-2015	RSR Rungta College of Engineering and Technology, Bhilai	15	Mr. Sachin Harne Mohd Shajid Ansari	2000
4.	Bhilai	13-02-2016	RSR Rungta College of Engineering and Technology, Bhilai	83	Mr. Sachin Harne Mohd Shajid Ansari	3600
5.	Bhilai	15-10-2016	RSR Rungta College of Engineering and	40	Mr. Sachin Harne	3200

			Technology, Bhilai		Shyam Mishra	
6.	Mumbai	08-10-2017	Hotel Venkat Presidency Navi Mumbai	25	Sachin Harne Rama Ranjan Panda Shanky Garg	5500
7.	Bangaluru	09-10-2017	Hotel City Centaur Near Railway Station	22	Noval Sahu ChandraBhooshan Tiwari	4600

As a result of these alumni meets, the students of this college were successful in getting reference hiring in companies like:

1. Colabora
2. TechMahindra
3. TCS
4. Infosys
5. Globussoft
6. Force intellect etc.

The contribution of alumni association in development of the college and the students is noteworthy.

File Description	Document
Link for Additional Information	[View Document]()

5.4.2 Alumni contribution during the last five years
<1 Lakh

1 Lakh - 3 Lakhs

3 Lakhs - 4 Lakhs

4 Lakhs - 5 Lakhs

Response: ? 5 Lakhs

File Description	Document
Alumni association audited statements	[View Document]()

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 7

5.4.3.1 Number of Alumni Association /Chapters meetings held year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
2	2	2	1	0

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years.	[View Document](#)

Criterion 6 - 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

Response:

Vision

To Develop Leaders in Engineering Profession to Serve Community for Improving Quality of Life

Mission Statements

To create state of the art facilities to assure quality of graduates and achieve excellence

To develop graduates with high moral, ethical and professional values in order to make them capable of accepting the challenges of the engineering profession.

To promote collaborations with sister institutions, research organizations and industry for placement, research, consultancy, publication and education purposes.

Nature of Governance

The management of institution has adopted the governance structure as accepted by UGC, AICTE, CSVTU, DTE and state government. Accordingly following bodies are constituted for achievement of vision and mission;

·GDR Educational Society.

·Governing Body.

·Local Managing Committee.

·Finance Committee.

·Internal Quality Assurance Cell.

The organizational structure, hierarchy and flow of authority of the RSR Rungta College of Engineering and Technology is as shown in the organogram appended in figure 6.1
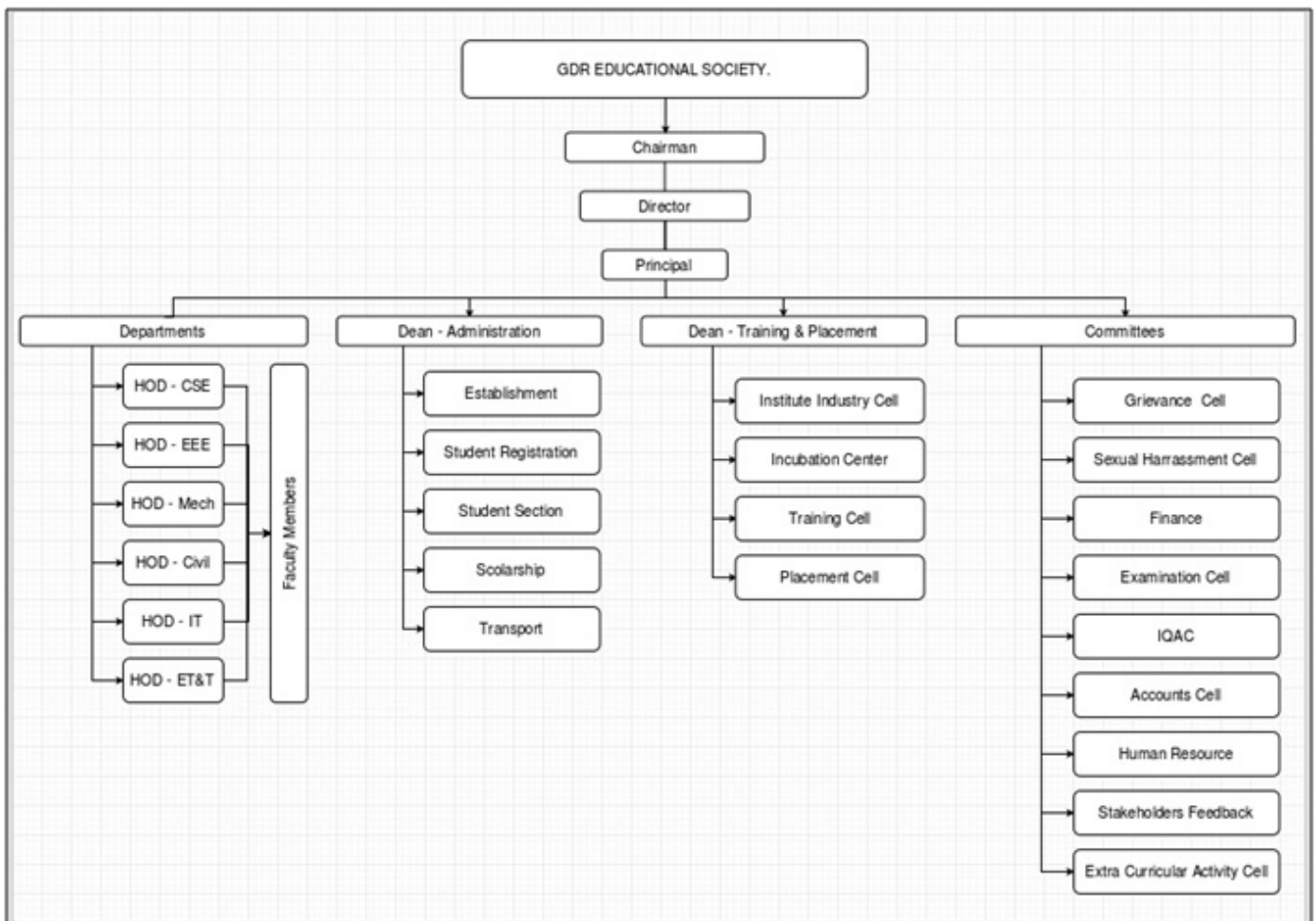
Fig. 6.1 The overall functioning of the college is controlled using authorities and responsibilities assigned to the units shown in organogram.

Perspective plan

The institution has prepared a perspective plan to be accomplished by next five years. All the stakeholders viz; students, faculty members, parents, alumina and management members have collectively finalized perspective plan to be accomplished by the year – 2022.

1.To ensure more than 90% placement.

2.To develop more than 85 % creative graduates recognizable at all levels.

3.To create a healthy academic and administrative work environment.

4.To foster quality education.

5.To establish R&D center.

6.To brand college as nationally premier institute.

7.To modernize facilities.

8.To achieve autonomous status by year – 2022.

16-03-2018 05:08:06

9.To forge collaborations with institutes of national and international repute.

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

Following committees are constituted for various activities.

·Academic Calendar and Student Registration Committee

·Time Table Committee

·Internal and External Examination Committee

·Daily Class Monitoring and Attendance Committee

·Syllabus Coverage Committee

·Stakeholder Feedback Committee

·Sports Committee

·Cultural Committee

·NSS Committee

·R&D and Publication Committee

·Library Management Committee

·Campus Maintenance Committee

·Anti Ragging Committee

·Sexual Harassment Committee

·Grievance Committee

·Discipline Committee

Through the Students Council the students are actively involved in decision making. The regular meetings and feedback of different stakeholders is also an indication of the participative management.

File Description	Document
Any additional information	[View Document](#)

6.1.2 The institution practices decentralization and participative management

Response:

The College follows the policy of Decentralization and Participative Management to fulfill its Vision and MISSION which is as follows:-

1. The Governing Body monitors all the academic and operational decisions by delegating powers to the Principal.
2. The Director, Principal and Dean of Institution formulate common working procedures and entrust the implementation to the HoD's.
3. The HoD's manage the day to day activities of the department.
4. A team of Faculty members and Students Coordinate the Co-Curricular and Extra-Curricular activities in the College.
5. Other units of the college like sports, arts, library etc. have operational autonomy under the guidance of the various committees and students are involved from various departments in the decision-taking process.

Following committees are constituted for various Academic, Co-Curricular and Extra-Curricular activities to be conducted during the course of the academic year:

·Academic Calendar and Student Registration Committee

·Time Table Committee

·Internal and External Examination Committee

·Daily Class Monitoring and Attendance Committee

·Syllabus Coverage Committee

·Stakeholder Feedback Committee

·Sports Committee

·Cultural Committee

·God-Gram Yojana Committee

·NSS Committee

·Industry-Institute Interaction Cell

·Start-up Incubation Cell

·Research and Development Committee

·Library Management Committee

·Campus Maintenance Committee

·Anti Ragging Committee

·Sexual Harassment Committee

·Grievance Committee

·Discipline Committee

Job responsibilities and authorities of the committees are clearly defined and the functioning is monitored through Monthly Reporting System.

The management has constituted a post of Dean Administration and Dean Training Placement and HOD Diploma to provide assistance in Administration and Training and Placement functions of Institute.

Job responsibilities, functions and authorities of various committees are presented in table 6.1.2 (Uploaded in additional information).

Mechanism of working of various committees meant for Decentralization and Darticipative Management

1. List of Committees is displayed at the commencement of the academic session on the staff notice-board.

2. The responsibilities are communicated to the faculty members through regular committee meetings.

3. Agenda and Minutes of the Meeting are maintained and circulated and action taken report is reviewed periodically.

Above description notifies various Decentralization and Participative Management initiatives taken by administration.

File Description	Document
Any additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

Considering the advancements with respect to Academics and Administration, in 2014, the Management of RSR Rungta College of Engineering and Technology, set up a Strategic Planning Committee. The Management constituted the Strategic Management Project the same year to strengthen the Internal Quality

and Capability for Change. The project consisted of a series of coordinated steps to bring about changes in the Institute's direction, structure, interfaces and performance. Several discussions were held with the different stakeholders and committee members to develop a knowledge base and get consensus on key issues. Few areas of strategic importance to the Institute were identified:

1. Students' Registration Process

2. Centralized Internal Examinations

3. University Examinations

4. Online Feedback System

5. Project Exhibition Cum Competitions

Reports on these areas are widely discussed and debated to build a consensus. A strategic plan, outlining recommendations and action plans for implementing the strategy, is drawn up. Subsequently, as a part of the planning cycle, the strategic plan has been reviewed and revised at regular intervals.

Example of Activity successfully implemented based on strategic plan:

One of the important activities undertaken to accomplish perspective plan is Student's Project Exhibition named and styled as **AVISHKAR**. The details of the activity are provided below;

1. The first announcement of AVISHKAR is aired in the month of April every year.

2. Students are advised to select domain of proposed model to be presented in AVISHKAR.

3. Students are further directed to decide their groups comprising 4 – 5 students for AVISHKAR.

4. This group then finalizes the topic of proposed model with the help of faculty mentor.

5. This group is then awarded compulsory Vocational Training Program to accomplish training on above chosen domain.

6. Students present their Vocational Training Report in the month of July which contains the details of training and work plan to execute above said project.

7. Within 15 days from above presentation, students submit their work plan.

8. Students present Progress Seminar every fortnight in first week of September.

9. Students present their partially completed model in the mock exhibition of AVISHKAR in third week of September. In this exhibition Internal Expert other than mentors and the students, evaluate the model and suggest improvisation to the model.

10. The final AVISHKAR is showcased within 15 days from mock AVISHKAR.

11. The final evaluation of models is done by a Panel of Three Experts invited from Industry and Academias from outside.

Following awards are given away by the management for the models presented in AVISHKAR:-

1.   Best Project of AVISHKAR (01 no. in AVISHKAR)   - (01 no. in College)

2.   Best Idea of AVISHKAR(01 no. in AVISHKAR)   - (01 no. in College)

3.   Best Project Presentation (01 no. in AVISHKAR)   - (01 no. in College)

4.   Best Departmental Project (01 no. in Department) - (05 no. in College)

5.   Best Mentor(01 no. in Department)   - (05 no. in College)

                                    Total:- 13 Awards

File Description	Document
Link for Additional Information	[View Document](#)

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

The college is run on the basis of organizational structure statutorily formed and containing following units

·GDR Educational Society.

·Governing Body.

·Local Managing Committee.

·Finance Committee.

·Internal Quality Assurance Cell.

The organizational structure, hierarchy and flow of authority of the RSR Rungta College of Engineering and Technology is as shown in the organogram figure 6.
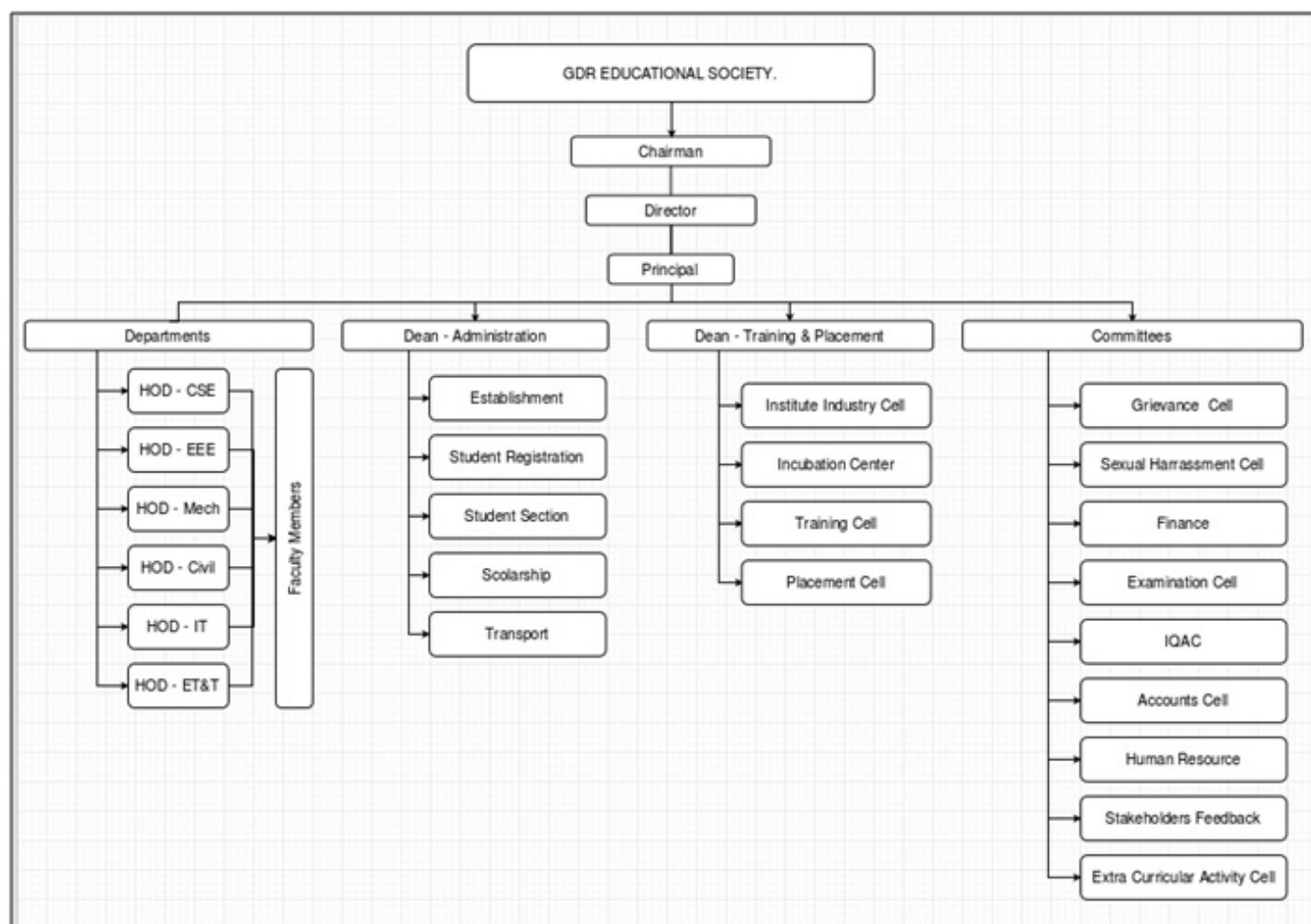
Fig 6.2 :- Organogram showing organizational structure of the Institution

The administrative setup of the college is as below

Sr. No.	Name of Administrative Unit	Designation of the head of the unit	Functions of the Administrative unit
1	Administrative office	Administrative officer	1. To monitor student attendance
	Students section	Office superintendent	2. To issue Transfer Certificate, Character Certificate, Bonafide and Railway Concession Form.
	Establishment section	Office superintendent	3. To monitor faculty and non – teaching staff attendance
	Account section	Office superintendent	4. To maintain leave record
	General administration section	Office superintendent	5. To maintain stock register
			6. To maintain service book
			7. To maintain cleanliness of the campus
2	Admission Committee	Admission Officer	1. To coordinate admission procedure
			2. Register candidate for admission

			3. Document verification 4. Student's enrollment in University 5. Data uploading
3	Examination Section	Examination Superintendent	1. To conduct internal and external examination 2. To maintain the result data of the students 3. To issue student's verification 4. To monitor online form filling process 5. To coordinate with university to conduct of examination and other matters 6. To coordinate answer sheet correction
4	Academic coordination unit	Dean academic	1. Daily time table monitoring 2. Class engagement 3. Teaching diary checking 4. Course coverage 5. Daily student's attendance monitoring

Service rules, procedures, recruitment, promotional policies

The college adheres to the service rules, procedures, recruitment, promotional policies prescribed by All India Council for Technical Education and affiliating university.

File Description	Document
Any additional information	[View Document](#)

6.2.3 Implementation of e-governance in areas of operation: 1.Planning and Development 2. Administration 3. Finance and Accounts 4. Student Admission and Support 5.Examination
A. All 5 of the above

B. Any 4 of the above

C. Any 3 of the above

D. Any 2 of the above

Response: B. Any 4 of the above

File Description	Document
Screen shots of user interfaces	[View Document](#)
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	[View Document](#)

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

The Institution has constituted following committees and bodies for the smooth functioning of the organization:-

1. Academic Calendar and Student Registration Committee
2. Time Table Committee
3. Internal and External Examination Committee
4. Daily Class Monitoring and Attendance Committee
5. Syllabus Coverage Committee
6. Stakeholder Feedback Committee
7. Sports Committee
8. Cultural Committee
9. God-Gram Yojana Committee
10. NSS Committee
11. Industry-Institute Interaction Cell
12. Start-up Incubation Cell
13. Research and Development Committee
14. Library Management Committee
15. Campus Maintenance Committee
16. Anti Ragging Committee
17. Sexual Harassment Committee
18. Grievance Committee
19. Discipline Committee

These committees meet at the commencement of the Academic Session,and as and when required, and the information of schedule of committee is circulated through structured agenda among the members of the committee. Then the information is given among various stakeholders willing to represent before the committee. The committee then meets and records the Minutes of the Proceedings. The Minutes of the Proceedings contains various recommendations and implementation strategies.

Activity successfully implemented based on minutes of Sexual Harassment Committee :-

One such committee is Sexual Harassment Committee. In one of their meetings, they recommended as below; (copy of minutes attached: - uploaded in additional information)

The above minutes were presented in the meeting of Governing Body dated 22/01/2017. The governing

body approved the Minutes in toto and empowered the Principal for execution of Minutes of Meeting.

Accordingly Principal implemented the Minutes.

File Description	Document
Any additional information	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

The Governing Body of RSR Rungta College of Engineering and Technology has approved following welfare measures for its teaching and non-teaching staff:

1. Contributory Provident Fund (CPF) scheme.
2. Health Care Benefits
3. Maternity Leave
4. Study Leave
5. Free Medical Checkup Facility
6. Free Skill Development Program for Teaching and Non-Teaching Staff
7. Financial Award based on performance
8. On duty leaves for attending Seminar, Conferences, short and long term Training Program
9. Financial Assistance for Industrial Visits
10. Sanction of Salary advance for Non-Teaching Staff
11. Free Transportation Facility

Welfare Schemes	2013	2014	2015
No. of Staff benefited by CPF	55	60	66
No. of Faculty benefited by Health Care Benefits	136	148	164
No of Maternity Leave	03	02	01
No. of Faculty benefited by Study Leave	14	11	11
No. of Faculty benefited by Free Dental Checkup and Treatment Facility	60	54	50
No. of faculty benefited by Free Skill Development Program for Teaching and Non-Teaching Staff	15	12	10
No. of faculty benefited by Financial award based on performance	25	20	20
No. of faculty benefited by duty leaves for attending Seminar Conferences and Short and Long term Training Program	29	27	30
No. of faculty benefited by Financial Assistance for Industrial Visits	25	22	24
No. of faculty benefited by Sanction of Salary advance for Non-Teaching Staff	07	08	10
No. of faculty benefited by Free Transportation facility	48	46	41

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 7.06

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
32	5	7	3	4

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc. during the last five years	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 3.2

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
6	4	3	3	0

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers attending professional development programmes viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programme during the last five years

Response: 1.5

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
6	3	0	2	0

File Description	Document
Details of teachers attending professional development programs during the last five years	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

The Appraisal System of the Teaching and Non-Teaching staff is based on the Performance Evaluation based on work done and target achieved. The Self-Appraisal report is submitted by the faculty member to the Head of the Department, at the end of the semester. After scrutiny, the report is forwarded to Appraisal Evaluation Committee headed by Dean Administration. Other members of the committee are designated by the Principal. A typical format of staff appraisal is shown in Figure below (Uploaded in additional information).

The Performance Appraisal Report of faculty members is used for following purpose:

- Award of Annual Increment
- Assessment of capacity of staff member
- Assessment of area which are not tapped by the faculty members
- Assessment of improvement the faculty member has achieved over the previous year.

File Description	Document
Any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Accounts of the college are regularly audited - Internally and Externally. Internal audits are done by a team of Chartered Accountants appointed by the College. Whereas the External audit is done by a firm of Professional Chartered Accountants. Any deviation from the sanctioned expenditures is brought to the notice of the Management. The External Auditors are M/s. Mr. P. Shastri and Associates, Bhilai. Mr. Anand Agrawal, Chartered Accountant is the Internal Auditor of Institution.

The audited statements of the college are regularly submitted to statutory authorities and are available in the college.

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III)

Response: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year wise during the last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

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

Response:

The governing body of the college has a well defined strategy for mobilization and utilization of funds. The major sources of institutional receipts and funds are as below:

1. Tuition Fees
2. Management Contribution
3. Online Examination Fees
4. Offline Examination Fees
5. Funds from agencies like

- Chhattisgarh Council of Science and Technology, Raipur
- Indian Society for Technical Education
- Conference Receipts
- CSVTU

The governing body continuously tracks the fund position and makes available required funds through mobilization.

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

The Internal Quality Assurance Cell (IQAC) of the college is constituted as below;

Chair person	Dr. P. S. Bokare (Principal)
Coordinator	Mr. Sajid Ansari (Dean Administration)
Member	Mr. Saket Rungta (Director, SRGI)
Member	Mrs. Rinkey Sahu (HOD, Mechanical)
Member	Mr. Somesh Dewangan (HOD, CSE)
Member	Mr. Sandeep Somkuwar (HOD, EEE)
Member	Dr. Ashish Sharma (Controller of Examinations)
Member	Mrs. Savita Tripathi (Admn. Officer)
Member	Mr. Rishabh Agrawal (Alumini)
Member	Mr Akash Agrawal

The IQAC meets periodically and introduces various steps towards achievement of quality in college. Following are two best practices that are institutionalized due to initiative taken by IQAC;

Laboratory Audit

The laboratory audit is performed at the end of every semester for performance of departmental laboratories for ensuing semester. The time window for lab audit is at the end of the semester. The lab audit contains following parameter:

1. Stock verification of dead and consumable stock
2. List of working and non-working equipment is prepared
3. Maintenance requirement for non working equipment is prepared
4. Verification of Login Registers
5. Verification of Procedure Lab Manuals
6. Maintenance of Students Record

A team of faculty members is constituted to undertake Lab Audit of the Departmental Laboratories. This team has faculties members from the department other than the department being audited. The committee visits the Laboratory and checks various records as listed above . At the end of the audit, Committee submits its report to the Principal. A copy of the same is forwarded to the concerned Head of the Department.

Video lectures

High quality video lectures on important topics are recorded by experienced faculty members to ensure the remote access of lectures by students. These video lectures are further uploaded on social media sites such as YouTube channel, Facebook and College website portal. The video lectures were recorded by following faculty members:

Sr. No.	Name of Faculty	Topic of video lecture
1	Mr. Prabhat Giri	Velocity Analysis
2	Mr. Sandeep Somkuwar	Concept of Semiconductor

3	Mr. Ashutosh Mishra	Construction and working of DC
4	Mr. Shailendra Singh	Principles' of Communicat
5	Mrs. Seema Mishra	BCD to Excess-3 Code Conv
6	Mr. Novel Sahu	Projection of Objects
7	Ms. T. Anita	Overview of Thermal Power
8	Ms. Lavleen Kaur	Kirchhoff's voltage law
9	Mr. Chanrabhushan Tiwari	Conic Section
10	Mr. O.P. Thakre	Classification of Methods of Mea

Existing Hardware Available in Video Recording Hall

- High Resolution Video Capturing Camera (NIIKON AF-S DX)
- Noise deductible collar mike

Desktop Computer with high internal storage capacity and Internet connection

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Response:

Institute initiates towards review of teaching learning process, structures & methodologies of operations and learning outcomes by means of Internal Quality Assurance Cell headed by Principal. Following parameters are recommended and reviewed by IQAC:

Learning Level of Students

Since the Institute is located in rural region of the state, the students admitted are basically from rural background, their language is influenced by regional accent. Therefore, after the admission, the Institute takes special care to identify the slow learners and advanced learners.

Accordingly the Institute categorizes students as per their medium of study, marks obtained in intermediate and JEEE/PET/PPT score.

The Parameters for students' categorization are as follows:-

Sr. No.	Assessment Parameters	Score Obtained by student		Weig
1	**HSSC Result**	100 – 80 %		4
		70 – 80 %		3
		60 – 70 %		2
		50 – 60 %		1
		Less than 50 %		0
2	**Screening Test Score**	100 – 80 %		4
		70 – 80 %		3
		60 – 70 %		2
		50 – 60 %		1
		Less than 50 %		0
3	**JEEE/PET/PPT Ranking**	1 – 3000		2
		3000 – 6000		1
		6000 – 9000		1
		Greater than 9000		0

The students are rated as :-

Sr. No.	Name of Category	Medium of Intermediate studies	Marks req
1	A(Advanced Learners)	English	70 - 10

| 2 | B (Advanced Learners) | Hindi | 60 - 10 |
| 3 | C (Slow Learners) | English or Hindi | Less than |

Strategies adopted for improvement of slow learners:

- **Teaching Assistant: -** An additional teacher is provided to the subject teacher to guide the students, if they face any difficulty.
- **Recommendation of Books: -** Various books are recommended to students for reading purpose for improvement of English language.
- **Spoken Tutorials: -** Mandatory Spoken Classes are scheduled in Time Table, conducted by Training and Placement Department for the upliftment of students.
- **Motivational Sessions: -** To improve the potential and to encourage the learners to adopt the traits of punctuality and sincerity, motivational sessions are conducted.
- **Special classes: -** The Institute conducts Special Class in first two lectures for difficult subjects.

PRAYOGSHALA

Prefinal and Final year students are motivated to undergo On-Campus Training on Live projects under the banner of PRAYOGSHALA

Operational Structure and Methodologies

Institute has operationalized various activities such as;

- Students' Registration Process
- CSVTU On-line Examination form filling
- Centralized Internal Examinations (CT-1, CT-2, Pre-Sem)
- Centralized Vocational Training
- CMS
- LMS
- Online Payment of fees
- Online Scholarship Procedure

Learning Outcomes

Students are assessed through various assessment tools such as;

- Performance in Internal Examinations (CT-1, CT-2, Pre-Sem)
- Grades obtained in Practical Examinations and Project Seminars
- Performance in AVISHKAR
- Performance in CSVTU End semester Examination Feedback

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 7.6

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
14	24	0	0	0

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	[View Document](#)

6.5.4 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements**
2. **Academic Administrative Audit (AAA) and initiation of follow up action**
3. **Participation in NIRF**
4. **ISO Certification**
5. **NBA or any other quality audit**

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: D. Any 1 of the above

File Description	Document
Details of Quality assurance initiatives of the institution	[View Document](#)

6.5.5 Incremental improvements made during the preceding five years *(in case of first cycle)* **Post accreditation quality initiatives** *(second and subsequent cycles)*

Response:

The Institute is continuously on the path of improvements in following areas

Academic

1. Avishkar
2. Technical GD

3. Soft Skills and Aptitude Training for students
4. Video Lecture
5. Onsite Lecture
6. Industrial Visits
7. Chapter of NPTEL
8. Spoken Tutorial IIT BOMBAY

Administrative

1. Registration Process
2. Online CMS
3. Formulation of HR Management (defining job responsibilities)
4. Execution of Performance Index Report, Department Performance Index Report, and College Performance Index Report.

Others

1. Mirror
2. Feedback System
3. Online Assessment of Aptitude and Soft Skills
4. Customized Industrial Training (CIPET)
5. GOD GRAM Yojana

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 13

7.1.1.1 Number of gender equity promotion programs organized by the institution year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4	2	2	2	3

File Description	Document
List of gender equity promotion programs organized by the institution	[View Document](#)

7.1.2

1. **Institution shows gender sensitivity in providing facilities such as:**
    1. **Safety and Security**
    2. **Counselling**
    3. **Common Room**

Response:

The institution takes up the gender equity issue in a subtle manner and entrusts the programs addressed to this issue to various department through gender equality committee. Institute understands the importance of gender equity in social and economical development. Following measures are taken to fulfill the commitment of gender equity.

- Female to male staff ratio is 1: 1.5
- More female non-teaching staff is appointed looking into more number of female students.
- Various programs are conceptualized to sensitize the male and female staff regarding gender equity.

Sr. No.	Theme of Program	Description
1	Women's Day celebration	College celebrated International Women's Day every year under various themes as follows: • A Promise is a Promise: Time for Action to End Violence Against Women • Equality for Women is Progress for All

		• Empowering Women, Empowering Humanity • Planet 50-50 by 2030: Step It Up for Gender Equality • Women in the Changing World of Work: Planet 50-50 by 2030	
2	Mother's Day celebration	College provides many themes for Mother' Day celebrations. They are as follows:- • Knee of the Mother • Love of the Mother • Heart of the Mother • Hands of the Mother • Every Mother Knows	
3	Women's Safety	Institute organizes Awareness Program on women's safety.	
4	Women's Self Defense	Female staff and students get trained on some effective self defensive techniques such kicks to groan, blocking punches etc.	
5	Foetus Killing	A seminar on "Adverse effect of fetus killing on sex ratio"	
6	Women's Grooming	Girl students and female staff are benefited by an awareness program on women's grooming	

Safety and security:

* CCTV camera (128) has been erected at strategic location for women safety.
* College has appointed more number of female security staff.
* College has constituted sexual harassment committee to handle issue of women safety.
* College has appointed considerable number of female staff for purpose of housekeeping operation.
* College provides female doctor on call facility.
* College has appointed female security staff in girl hostel.
* College has appointed considerable number of female security guard.

Counseling:

* College has constituted sexual harassment committee to handle the matter related to Female staff and girls.
* College has appointed male and female psychiatrist for purpose of counseling.
* College has separate facility for counseling of girls students .

Common Room:

* College has adequate number of common rooms for female staff and girls.
* Girls' Common Room is provided with facilities like mirror, emergency bed and first aid box.
* College also provides pickup and drop facility for physically ailing girl students.
* College offers accompaniment of security staff for female staff and students who stay back in the college for longer hours.

File Description	Document
Any additional information	[View Document](#)

7.1.3 Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 50.63

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

Response: 136644

7.1.3.2 Total annual power requirement (in KWH)

Response: 269880

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 3.05

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 1809.6

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 59424

File Description	Document
Details of lighting power requirements met through LED bulbs	View Document

7.1.5 Waste Management steps including:
- **Solid waste management**
- **Liquid waste management**
- **E-waste management**

Response:

Waste Management is helping college to achieve a higher level of environmental performance. The primary goal of sustainable Waste Management is to protect human health, environment and to conserve resources. A key precondition is affordable Waste Management Costs.

Solid Waste Management:

- Solid Waste enerated in campus is segregated as Biodegradable and Non-Biodegradable Waste.
- The Biodegradable Waste (125 kg/day) is used for the purpose of composting.
- Non-Biodegradable waste handed over to Nagar Nigam, Bhilai for safe disposal

Compost pit with one layer of food waste

Liquid Waste Management:

Waste water generated in campus is segregated as harmful and non-harmful waste.

- The harmful waste water is treated in septic tank and outlet of septic tank is discharged to a nearby Nala (drain) flowing on south-west direction of campus.
- Non-harmful liquid waste is aerated and reused for purpose of gardening.

Sewage Pond for gardening purpose

E-Waste Management:

All the Miscellaneous e-waste such as CDs, batteries, fluorescent bulbs PCBs and electronic items are collected from every department and delivered for safe disposal to E-Tech co. Bhilai. Useful parts of electronic gadgets like resistors, capacitors, inductors, diodes, transistors, thyristors, etc have been removed from the gadgets for reuse purpose in practical /projects of final year students.

File Description	Document
Any additional information	[View Document](#)

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

Rain water harvesting structures and utilization in the campus:

The institute tries to harvest all available rain water in the campus. The strategy involves two legged effort.

Harvesting of roof top rain water

- Collection of roof top rain water at 06 strategic locations.
- Collected rain water is brought to a filter constructed near bore well. The output of filter is discharged into bore well.

Harvesting of runoff water

The topographical map of the institute campus shows a slope from north-east to south-west diagonal direction. This slope is 1:200. Due to this slope, velocity of runoff is considerably high. Hence, before rainy season (in month of July) cross bunds and ditches are constructed perpendicular to the slope to infiltrate water in the ground.

- Overflowing water is collected in artificially created filter of size 3mx3mx3m. At the end of the slope, water gets infiltrated into ground.
- The sport complex has slope of north-east to south-west of 1:1000. An artificial lake is excavated in the south- west direction of sport complex where all the runoff water is infiltrated to the ground.

Run off Water Collection Pond

File Description	Document
Any additional information	[View Document](#)

7.1.7 Green Practices
- **Students, staff using**
a) **Bicycles**
b) **Public Transport**
c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

1. Students, Staff using a) Bicycles b) Public Transport c) Pedestrian Friendly Roads

College encourages use of bicycle and public transport by the staff and students.

- It is observed that 57 students residing in surrounding areas and 50 students residing in hostel use bicycle as mode of their transport.
- Buses ply from Raipur, Durg, Bhilai catering to the needs of about 250 students and staff.

2. Plastic free campus:

The management has banned use of plastic thinner than 25 micron in the campus.

3. Paperless office:

- All the office communication (notices, circular, report etc) are routed using digital communication like email, sms, whatsapp group, face book etc.
- Most of activity like class test, assignment, student feedback, examination data, attendance record and subject notes are available on Institute Web Portal.
- Daily Attendance of Staff is recorded through biometric machine
- Staff uses shared printing facility.

4. Green Landscaping with trees and plants:

The campus has a large number of trees of different variety with green lawns. College organizes tree plantation drive in rainy season.

File Description	Document
Any additional information	[View Document](#)

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 4.61

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year wise during the last five years(INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
65.28	1.63	3.38	2.16	6.1

File Description	Document
Green audit report	[View Document](#)
Details of expenditure on green initiatives and waste management during the last five years	[View Document](#)

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. **Physical facilities**
2. **Provision for lift**
3. **Ramp / Rails**
4. **Braille Software/facilities**
5. **Rest Rooms**
6. **Scribes for examination**
7. **Special skill development for differently abled students**
8. **Any other similar facility (Specify)**

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above

Response: A. 7 and more of the above

File Description	Document
Resources available in the institution for Divyangjan	[View Document](#)
Any additional information	[View Document](#)
link to photos and videos of facilities for Divyangjan	[View Document](#)

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 13

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
6	1	2	2	2

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	[View Document](#)

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Response: 13

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
6	1	2	2	2

File Description	Document
Details of initiatives taken to engage with local community during the last five years	[View Document](#)

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes

File Description	Document
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	[View Document](#)

7.1.13 Display of core values in the institution and on its website

Response: Yes

File Description	Document
Provide URL of website that displays core values	[View Document](#)

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	[View Document](#)

7.1.15 The institution offers a course on Human Values and professional ethics

Response: Yes

File Description	Document
Any additional information	[View Document](#)
Provide link to Courses on Human Values and professional ethics on Institutional website	[View Document](#)

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Response: Yes

File Description	Document
Any additional information	View Document
Provide URL of supporting documents to prove institution functions as per professional code	View Document

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 59

File Description	Document
List of activities conducted for promotion of universal values	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

Institution organizes national festivals like Saraswati Puja, Holi Milan, Ganesh Puja, Durga Puja, Dipawali Milan, Vishwakarma Puja etc. for inculcation of cultural values and ethos in staff members and students. Staff member and student take enthusiastic participation in all these festivals and sink their ethnic, religious, sectorial, caste, state and other identities. These festivals are celebrated with lot of enthusiasm and fervor. The faculties of Muslim and Christian faith take part in Holi and Diwali and the Hindus enjoy Eid and Ramjan.

The birth and death anniversary of national heroes like Mahatma Gandhi, Pandit Jawaharlal Nehru, Indira Gandhi, Dr. B. R. Ambedkar etc. are celebrated as a token of respect toward their contribution to national cause.

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

The financial academic and administrative functions of the institute are completely transparent and take place with the help of stake holders. There is proper system of income expenditure audit through internal and external auditors. The audited balance sheets of financial accounts are submitted to appropriate authorities every year.

The academic audit system is in place which is conducted periodically through academic audit cell. The

cell checks adherence of system with proclaimed academic calendar and also maintains routine record of all academic functions including Teaching-Learning process, Examinations, Assessment and the Outcome. The auxiliary functions such as campus management, housekeeping etc are well defined and take place under the leadership of respective in charges.

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

Institutional Best Practice–I

1. Title of the Practice: Avishkar, a project exhibition

2. Objectives:

- To develop working habit among students.
- To improve Presentation Skills.
- To inculcate habit of logical thinking.
- To develop leadership qualities.

3. The Context:

- During class and laboratory teaching, student learns theoretical concepts.
- However, actual implementation of theoretical concept is not imbibed in classrooms or laboratory.
- This Best Practice addresses the above lacuna.

4. The Practice:

- The schedule of Avishkar is published in academic calendar at the beginning of academic year.
- Branch wise Project Topics are notified by respective department.
- Students are required to submit their choice of the project topic within stipulated time.
- A project guide is allotted to a group of students based on their Project Topic.
- Departmental project committee continuously reviews the progress of projects.
- Projects are then exhibited in Mock Project Presentation where the committee of Inter Departmental Expert evaluate the completeness of project.
- The projects which are incomplete and need further efforts are given proper inputs.
- The final version of project is displayed in Avishkar where projects are evaluated by external experts.
- Following awards are given away in the presence of dignitaries.

  (i) Best Departmental Project Award

  (ii) Best Departmental Guide Award

(iii) Best Concept Award

(iv) Best Project, Directors' Award

(v) Best Project, Principals' Award

(vi) Best Presentation Award

5. Evidence of success:

- It is observed that the students started more time spending in workshop and laboratory.
- Communication skill, presentation skill etc substantially improve.

6. Problem Encountered and Resources required:

- Initially due to lack of awareness among students a very few projects were displayed.
- Identification of project topic was a challenge.
- Changing students mind set was a difficult task.

Institutional Best Practice–II

1. Title of the Practice: Mirror, a placement activity

2. Objectives:

- To improve placement preparedness of students.
- To provide virtual platform for placement activities.

3. The Context:

- Students have fearful inhabitation for placement interviews.
- Students perform poorly at group discussion.
- To address this, Mirror is very useful activity.

4. The Practice:

- The schedule of Mirror is published in academic calendar at the beginning of academic year.
- The students of various branches are divided into few groups and following activities are scheduled for these groups:

1. Pre presentation by recruiter
2. Written test
3. Group discussion
4. Technical interview
5. Event coordinator marks grade at every event.
6. Grades earned by the students are summarized.
7. Students are advised to improve his performance.

5. Evidence of success:

- Number of students getting placement have considerably increased.
- It makes a positive improvement like personality development, communication skills and management skills.

6. Problems Encountered and Resources required:

- It is difficult to overcome shyness of student..
- Feeling burden of academics to participate in activities.
- To motivate students for participation is challenge.

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

The RSR Rungta College of Engineering and Technology relentlessly works to fulfill its Vision. Following are few of the flagship programs which indicate the performance of the college in achieving its vision.

GOD Gram Yojana

Institute has adopted a village where students and faculty members organize various events such as Swachhata Bharat Abhiyaan, Awareness on Digital Transactions, NSS Camp, and Awareness on Women Safety etc. Such initiatives help the institution to contribute to serve the community for improving quality of life, which is the vision of institution.

Scholarship Scheme for students

College promotes higher education to the students based on various criteria such as based on merit, single girl child, and minority, higher education promotion scheme (UG and PG). Due to this scheme many bright students have attracted towards technical education and the number of drop-outs has reduced to some extent, contributing to development of human resource in engineering profession.

Research project award scheme

Students and Faculty members are continuously motivated by the management to undergo research activities. College has constituted its own research proposal evaluation committee which recommends worthy research proposals for grants up to Rs. 30,000/- per project subject to maximum one project per department to the management. This helps the faculty members to get involved in research activity along with students.

Subsidized food scheme

Institute provides meals to students on subsidized rates (Rs. 20/- per person, unlimited breakfast and Rs. 40/- per person, unlimited lunch). This has made many diploma students who work part time in the morning and do not have enough time and money to eat breakfast and lunch, and attend classes regularly contributing towards the vision of college.

Project based learning for students

Institute organizes a project based learning platform for the of Pre-Final and Final year students named as 'AVISHKAR', once a year. In this, students work on live projects under the guidance of their teachers and showcase their projects in this exhibition. This event has substantially contributed to learning of students. This helps the institute to produce worthy leaders in engineering profession.

On-Site classes

These are the classes which are conducted on the site of real time implementation of projects such as Tower erection, Campus networking, and concrete pumping, Transformer Maintenance etc. The real time presence at the projects boosts the confidence of students resulting into development of engineering leaders.

Based on the outcome of above programs the college has bagged many awards, few of them are given below:

1. Nirmal Award by Gram Panchayat Khedamara
2. Appreciation Letter by Saraswati Kalyan Samiti, Bhilai
3. IT Education Award by Gram Panchayat Khedamara
4. Appreciation Letter by Sanjeevani Old Age Home Raipur
5. Paryawaran Sanrakshan Award by Gram Panchayat Khedamara
6. Nasha Mukti Abhiyan Award by RCDSR, Bhilai
7. Environment Supportive Award by GDR Educational Society ,Bhilai
8. Safaigiri Award by GDR Educational Society ,Bhilai
9. Health Care Support Award by GDR Educational Society ,Bhilai

5. CONCLUSION

Additional Information :

a

Concluding Remarks :

To conclude the RSR Rungta CET has been in existence for last 9 years. During this period the RSR RCET has put in place various systems the affect teaching learning process, academic administration, sports and cultural activities, research development and innovation, outreach program etc.

The important milestones that the college has achieved during last nine years include enhancement in academic result, placements, inception of new programs, project exhibition, mock placement exercise, extension and outreach programs. The accreditation efforts of the institute indicate that the institute is on the path of quality administrative and academic echo system.

In order to achieve vision and mission of the institute there is a well set academic and administrative set up in the form of Principal, Deans, HODs and class teachers and portfolio in-charges. In preparation of NAAC SSR report these stakeholders have tirelessly put in the efforts for last four months. The present shape of SSR is the culmination of constant writing reading and editing by various in-charges.

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