Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**DR. C. V. RAMAN UNIVERSITY**
Name of the head of the Institution	**Dr. Prof. R. P. Dubey**
Designation	**Vice Chancellor**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**07753-253801**
Mobile no.	**9617779311**
Registered Email	**info@cvru.ac.in**
Alternate Email	**cvruiqac@gmail.com**
Address	**Kargi Road, Kota, Bilaspur**
City/Town	**Bilaspur**
State/UT	**Chhattisgarh**
Pincode	**495113**

2. Institutional Status

University	**State**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr. Jayati Chatterjee Mitra**
Phone no/Alternate Phone no.	**07753253821**
Mobile no.	**8871275772**
Registered Email	**jc.bilaspur@gmail.com**
Alternate Email	**jayatimitra@cvru.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.cvru.ac.in/Important_Link/aqar

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://cvru.ac.in/PDFDoc/Academics/Academic_Calendar_2019_20.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B+**	**2.61**	**2016**	**05-Nov-2016**	**04-Nov-2021**

6. Date of Establishment of IQAC	**03-Jul-2015**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Two days interaction program on new framework	**03-Jun-2019** **2**	**80**

of Accreditation & Assessment Process of NAAC		
Awareness Program and Oath Ceremony on World No Tobacco Day with Tobacco Free Environment	31-May-2019 1	300
One day workshop on New Education Policy	24-Jun-2019 1	56
Social welfare program at Jan Swasthya Kendra under Swacchhatta Abhiyan	23-Jun-2019 1	54
Two days Mega Career Fair	18-Jun-2019 2	500
ARPA UTTHAN MEIN SHRAMDAAN for contribution to clean ARPA RIVER of Bilaspur	12-Jun-2019 1	65
Academic and Administrative Audit	12-Jun-2019 4	350
Two days workshop organized by CEAER Chemistry & IQAC on Sustainable Development & Environment inassociation with CEE Pune	07-Jun-2019 2	40
Academic and Adminstrative mock visit	06-Jun-2019 1	180
One day program on Nadiya Udaas Behti Hai	05-Jun-2019 1	22
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	Nil	Nil	2019 0	0
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	**7**

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

(1) Submission of AQAR's for consecutive years on post accreditation by NAAC in the first cycle from 2016 onwards and gradual participation in NIRF, AISHE and AICTE reports. (2) Introduced the "Konnect" software for the faculty welfare by connecting the Biometric Attendance System of all the university employees towards ICTbased attendance system. (3) Initiative to include student members in most of the inhouse committees/bodies/cells of the university. (4) Enhanced and upgraded the university research culture by introducing "Research Rewards Scheme" for the faculty member on publication of quality research papers. (5) Upgraded the CVRU infrastructure by introducing New Academic blocks, making the campus green by enhancing herbal gardening and making the library fully automated from partial to automation and implemented ERP and ICT enable tools for proper functioning. (6) IQAC is endlessly working with nearby schools to have frequent visit in the institutions through various awareness programs and child health care programs. (7) SOP's were laid down by the IQAC to have smooth, ethical speedy procurement process. (8) IQAC randomly worked on the feedback obtained by students, faculties and other stakeholders to improve the academic quality.

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

Plan of Action	Achivements/Outcomes
Provision for upgradation and Updation of university websites as per advanced requirement make it user friendly	Target Completed
Provision for High Speed Internet Facility to each & Every department	Target Completed
Provision to make the student database management system functional and full time exam grievance cell	In Process
Provision to celebrate the "Raman Lok Kala Mahotsava: Madhai Mela" every year to preserve & conserve the traditional culture of the Chhattisgarh Art & Culture	Target Completed
Provision to organize conduct the faculty development program, each every year for the teaching faculties of CVRU	Target Completed

and strengthen the Industry academia innovation ecosystem	
Outsourcing of Student Feedback	Target Completed
To ensure a Plastic Free Green Campus	Target Completed Implementation Pending
Provision of Online Feedback System through CVRU official website instead of Manual Feedback Process	Implementation Pending
Formation of a Guardian's Forum	Target Completed
Inclusion of maximum no of students in various in-house bodies	Target Completed
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
BOARD OF MANAGEMENT	**20-Jan-2020**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	**21-Oct-2016**

16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2019**
Date of Submission	**27-Feb-2019**

17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**A management information system (MIS) is an information system used for the coordination, control, analysis, decision making and visualization of information in an organization. The MIS examines people and technology in an organizational context. The MIS in broader sense is a central data repository capable of not only gathering and storing data but also analysing it and generating reports from it. Thus, the ultimate goal of the use of a management information system at CVRU is to increase the value and profits of the organizational system through the use of software. CVRU has**

adopted an MIS software for recording, analysing, presenting, observing followups and allows analytics of different aspects of administrative and academic process. The CVRU MIS software has been customized in universitys particular needs and environment to enhance its bottomline requirements and information and has dramatically solved various administrative issues of CVRU management asset management etc design to the specific requirements by further understanding of the current process, priorities and interaction with the current potential needs of the proposed system. Though, the industries in the current scenario face an intense pressure to improve quality, costs and meet ever changing requirements in the marked. So, to meet these challenges towards the industryacademia environment in the campus, CVRU has focused on improving its workflow and restructure its information system. The MIS software is being used to efficiently streamline the information with the digital records in the software. MIS reports are generated and analysed for any discrepancy with respect to work step completion.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BCA	103291	INFORMATION TECHNOLOGY	16/05/2018
BA LLB	607371	LAW	23/05/2018
BE	101211	COMPUTER SCIENCE ENGINEERING	28/05/2018
BE	101251	CIVIL ENGINEERING	18/05/2018
BE	101221	ELECTRICAL AND ELECTRONICS ENGINEERING	24/05/2018
BE	101261	ELECTRICAL ENGINEERING	24/05/2018
BE	101231	ELECTRONICS & COMMUNICATION ENGINEERING	24/05/2018
BE	101241	MECHANICAL ENGINEERING	21/05/2018

BEd	102271	EDUCATION	28/11/2018
BLibSc	106352	LIBRARY SCIENCE	24/05/2018
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BSc	COMPUTER SCIENCE	01/07/2018	HUMAN VALUE, PROFESSIONAL ETHICS GENDER SENSITIVITY	01/07/2018
BE	COMPUTER SCIENCE	01/07/2018	COMPUTER & INFORMATION TECHNOLOGY BASICS	01/07/2018
BSc	COMPUTER SCIENCE	01/07/2018	OPERATING SYSTEM	01/07/2018
BSc	COMPUTER SCIENCE	01/07/2018	COMPUTER NETWORKS	01/07/2018
BSc	COMPUTER SCIENCE	01/07/2018	DIGITAL ELECTRONICS	01/07/2018
BSc	COMPUTER SCIENCE	01/07/2018	R.PROGRAMMING	01/07/2018
BSc	COMPUTER SCIENCE	01/07/2018	QUANTUM MECHANICS,ATOMIC, MOLECULAR & NUCLEAR PHYSICS	01/07/2018
BSc	COMPUTER SCIENCE	01/07/2018	ASTRO PHYSICS & ATMOSPHERIC SCIENCE	01/07/2018
BSc	COMPUTER SCIENCE	01/07/2018	SOLID STATE PHYSICS,DEVICES, ELECTRONICS & LASERS	01/07/2018
BSc	COMPUTER SCIENCE	01/07/2018	NANO-TECHNOLOGY & MATERIAL SCIENCE	01/07/2018
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MSc	PHYSICS	31/05/2018
MSc	PHYSICS	31/05/2018
MSc	PHYSICS	31/05/2018
MSc	PHYSICS	31/05/2018
MSc	PHYSICS	31/05/2018

MSc	PHYSICS	31/05/2018
MSc	PHYSICS	31/05/2018
MSc	PHYSICS	31/05/2018
MSc	PHYSICS	31/05/2018
MSc	PHYSICS	31/05/2018
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
PhD or DPhil	Sociology	24/05/2018
PhD or DPhil	Social Work	24/05/2018
PhD or DPhil	Political Science	24/05/2018
PhD or DPhil	Library Science	24/05/2018
PhD or DPhil	History	24/05/2018
PhD or DPhil	Geography	24/05/2018
PhD or DPhil	Economics	24/05/2018
MPhil	Sociology	24/05/2018
MPhil	Social Work	24/05/2018
MPhil	Political Science	24/05/2018
MPhil	Library Science	24/05/2018
MPhil	History	24/05/2018
MPhil	Geography	24/05/2018
MPhil	Economics	24/05/2018
MA	Education	24/05/2018
BLibSc	Library Science	24/05/2018
PG Diploma	Rural Development	14/06/2018
MSc	Rural Technology	14/06/2018
MPhil	Rural Technology	14/06/2018
PhD or DPhil	Physics	31/05/2018
MPhil	Physics	31/05/2018
PhD or DPhil	Physical Education	22/06/2018
MPhil	Physical Education	22/06/2018
MPES	Physical Education	22/06/2018
BPES	Physical Education	22/06/2018
PhD or DPhil	Mechanical Engineering	21/05/2018
PhD or DPhil	Mathematics	06/02/2018
MPhil	Mathematics	06/02/2018
BSc	Mathematics	06/02/2018
PhD or DPhil	Sanskrit	05/07/2018

PhD or DPhil	Hindi	05/07/2018
PhD or DPhil	English	05/07/2018
MPhil	Sanskrit	05/07/2018
MPhil	Hindi	05/07/2018
MPhil	English	05/07/2018
MA	Sanskrit	05/07/2018
MA	Hindi	05/07/2018
MA	English	05/07/2018
PhD or DPhil	Zoology	13/06/2018
PhD or DPhil	Microbiology	13/06/2018
PhD or DPhil	Botany	13/06/2018
PhD or DPhil	Biotechnology	13/06/2018
MSc	Zoology	13/06/2018
MSc	Microbiology	13/06/2018
MSc	Botany	13/06/2018
MSc	Biotechnology	13/06/2018
MPhil	Zoology	13/06/2018
MPhil	Microbiology	13/06/2018
MPhil	Botany	13/06/2018
MPhil	Biotechnology	13/06/2018
BSc	Biotechnology	13/06/2018
BSc	Biology	13/06/2018
BSc	Microbiology	13/06/2018
PhD or DPhil	Law	23/05/2018
MPhil	Law	23/05/2018
LLB	Law	23/05/2018
PhD or DPhil	Information Technology	16/05/2018
PhD or DPhil	Information Technology	16/05/2018
PGDCA	Information Technology	16/05/2018
PG Diploma	Information Technology	16/05/2018
MSc	Information Technology	16/05/2018
MSc	Computer Science	16/05/2018
MPhil	Computer Science	16/05/2018
MPhil	Information Technology	16/05/2018
BCA	Information Technology	16/05/2018
PhD or DPhil	Electronics & Communication	24/05/2018
PhD or DPhil	Electrical Engineering	24/05/2018
PhD or DPhil	Education	28/11/2018
MPhil	Education	28/11/2018

PhD or DPhil	Computer Science Engineering	28/05/2018
PhD or DPhil	Management	17/05/2018
PhD or DPhil	Commerce	17/05/2018
PGDBM	Management	17/05/2018
MPhil	Management	17/05/2018
MPhil	Commerce	17/05/2018
PhD or DPhil	Civil Engineering	18/05/2018
PhD or DPhil	Chemistry	22/05/2018

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
IIRS DISTANCE LEARNING PROGRAM	24/05/2018	5
SUSTAINABLE MATERIALS AND GREEN BUILDINGS	18/05/2018	7
FRONT ACCOUNTING	28/05/2018	17
MOODLE	28/05/2018	15
TOOL AND DIE MAKING	22/05/2018	20
BIOLOGICAL BASIS OF BEHAVIOUR	26/05/2018	20
CERTIFICATE COURSE IN ARTIFICIAL INTELLIGENT AND MACHINE LEARNING	16/05/2018	78
ADVOCACY SKILL	23/05/2018	70
BUSINESS INCUBATION	26/05/2018	20
GARDEN DESIGN DEVELOPMENT(SPECIALIZATIO N WITH BONSAI TECHNIQUES)	13/06/2018	13
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	CHEMISTRY	165
BE	CIVIL	33
BE	COMPUTER SCIENCE ENGINEERING	25
MEd	EDUCATION	13
BEd	EDUCATION	109
BA LLB	LAW	19
LLB	LAW	39
LLM	LAW	33

MSc	ZOOLOGY	60
BSc	BIOLOGY	120
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

Student's feedback obtained by CVRU is based on the Questionnaires designed by the University in its Institutional website available to all its Stakeholders further provided to its Students filled by them on their last examination day in the CVRU Campus. Attendance of each student is mentioned in the feedback form. Feedback is received on varied aspects of the University Facilities including location, office, canteen, laboratory, library, administration and academics. The points are calculated according to the grades given by the students in various criteria. The grades are incorporated as A, B, C, D, E (where A10, B8, C6, D4, E2). The Average data and percentage of various criteria are calculated. The strength and weaknesses mentioned by the students are summarized for further analysis improvements. Departments receive feedback from parents through parent teacher meetings and discuss different issues related to the overall development of their ward. Suggestions and comments given by the guardians are also taken into account for future development. The different areas where improvements are required are discussed in respective committees/departments. The proposals given by the different committees and departments are discussed in GB meeting of CVRU for necessary action. Strengths of the University are also taken into consideration for further up-gradation. Also, during the feedback collection of CVRU, the Feedback on the teaching-learning process is received from students as Students satisfaction survey based on a structured questionnaire framed and approved by the IQAC of CVRU. The questionnaire can be downloaded from the website and Students can drop their filled in feedback form in the feedback receiving boxes present in the campus. The received feedback is then analyzed by the IQAC and uploaded to the website and it is also forwarded to the Head of the departments for necessary suggestions based on the feedback. Teachers provide informal as well as formal feedback to the head of the Institution on different academic, administrative and other affairs related to the University. Members of anti ragging committee and Internal complaints committee also receive feedback from students through class campaigns. Grievances (if any) and necessary suggestions can be registered to the Grievance Redressal cell of CVRU through the RAMAN RESOLUTION BOX (RRB)" fixed in the office of Dean Student Welfare office of CVRU-IQAC. The GRC composition is altered every year at the beginning of academic session. CVRU is planning to introduce online feedback system from the academic session 2019-2020.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	BIOLOGY	180	2713	180
BSc	MATHS+COMPUTERSCIENCE	60	1594	60
MSc	BOTANY	60	1423	60
MSc	CHEMISTRY	120	1911	120
MSc	MATHEMATICS	30	871	30
MSc	ZOOLOGY	90	1317	90
MSc	PHYSICS	60	1017	60
LLB	LAW	60	1257	60
BEd	EDUCATION	120	1714	120
BCA	INFORMATION TECHNOLOGY	120	2122	120

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	2877	1564	95	109	92

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
296	261	10	81	7	7

[View File of ICT Tools and resources]

[View File of E-resources and techniques used]

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

Yes, to ensure the academic growth, special measures are taken by the faculty mentors to support the students also the advanced and slow learners. The university organizes extra class for the slow-learners with adequate support to overcome academic difficulties, gives them extra practice assignments engages in institutional activities to develop fast skill. CVRU has also introduced life skill/soft skill across all its programs to meet the real life challenges and inculcate the right attitude and values with care, concern and mentoring. Through the CVRU Mentor- Mentee System (CMM), since last several years the University has practiced a system of mentoring whereby a mentor was provided to every ward to look after his/her academic and psychological wellbeing and also monitor class attendance and performance. The same system has now been restructured and named CMM system. Under the CVRU Mentor system, the full-time teachers of the University have been engaged as mentors of each class. Students of each class in the University are having a full-time teacher as their mentor. The classes, where there are huge numbers of students, have been assigned more than one mentor. At the

beginning of the academic session, the class-wise names of the mentors are displayed on the CVRU Departmental notice board. The mentors are responsible for academic progress and psychological wellbeing of their mentees maintain the Mentor-mentee Register to upgrade the activities respective records. They are also entrusted with the task of monitoring the attendance and academic progress of the students. They also provide primary psychological counseling to those who need them and refer them for more professional counseling, if required. At the beginning of the academic session, the mentors conduct orientation program for the mentees, whereby they are acquainted with the University's goals and mission, the facilities available and the regulations of the University. The mentors maintain the biographic details of each individual mentee including their educational background and socio-economic status. They also maintain record of their class attendance, class-performance and academic progress. The mentors use both formal and informal means of mentoring. The mentor system, apart from its formal part, also exists as a robust informal mechanism to boost inclusiveness, gender sensitivity and social responsibility of students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
5218	296	1:17

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
296	296	0	35	100

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Abhishekh Sharma	Assistant Professor	Dr. APJ Abdul Kalam Life Time Achievement Natiaonal Award
2019	Dr. P.K. Naik	Pro-Vice Chancellor	Vedant Academics Bangkok Awards – 2019 as a Academic Leadership by International Association of Research Development Organization
2019	Dr. Jayati Mitra	Associate Professor	International Award of Outstanding Researcher - 2018 for the Contribution in the field of Chemistry by International Institute of Organized Research (I2OR)
2019	Saurabh Mitra	Associate Professor	Bright Researcher Award 2018
2019	Dr. V.P. Mishra	Dean	Faculty Innovation

2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester- end/ year- end examination
BA	306011	VI	10/06/2019	14/06/2019
BE	301201	VIII	31/05/2019	10/06/2019
BE	301371	VIII	31/05/2019	10/06/2019
BE	301251	VIII	31/05/2019	10/06/2019
BE	301241	VIII	31/05/2019	10/06/2019
BE	301221	VIII	31/05/2019	10/06/2019
BE	301281	VIII	31/05/2019	10/06/2019
BPES	302191	VI	29/05/2019	04/06/2019
BEd	302181	IV	25/05/2019	04/06/2019
MEd	402181	IV	21/05/2019	04/06/2019

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	1925	0

2.6 – Student Performance and Learning Outcomes

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

https://www.cvru.ac.in/Important_Link/agar

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
303211	BCA	INFORMATION TECHNOLOGY	111	111	100
507231	BA LLB	LAW	11	11	100
301221	BE	COMPUTER SCIENCE ENGINEERING	9	9	100
406301	MA	GEOGRAPHY	24	24	100
301201	BE	CIVIL	35	35	100

		ENGINEERING			
301371	BE	MECHANICAL	24	24	100
405141	MSc	MATHEMATICS	33	33	100
401221	Mtech	COMPUTER SCIENCE	6	6	100
401281	Mtech	DIGITAL COMMUNICATION	2	2	100
405131	MSc	ZOOLOGY	63	63	100
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2.7 – Student Satisfaction Survey

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

https://cvru.ac.in/docs/aqar/sss%20result.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
No Data Entered/Not Applicable !!!				
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
No Data Entered/Not Applicable !!!		
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3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Projects sponsored by the University	365	CVRU-CRG	1.28	1.28
Projects sponsored by the University	550	CVRU-CRG	1.5	1.5
Projects sponsored by the University	365	CVRU-CRG	1	1
Projects sponsored by the University	304	CVRU-CRG	1.3	1.3
Projects sponsored by the University	365	CVRU-CRG	1	1

Projects sponsored by the University	365	CVRU-CRG	1.5	1.5
Projects sponsored by the University	304	CVRU-CRG	0.5	0.5
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3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Two day Workshop on Intellectual Property Rights	IQAC, IPR Cell Law Department	09/08/2018
Two day Workshop on Enforcement of IPR	IQAC, IPR Cell Law Department	15/11/2018
Two day Symposium on The Protection and Enforcement of IPRs	IQAC, IPR Cell Law Department	01/02/2019
Two day National Seminar on Promotion, Protection and Enforcement of IPR	IQAC, IPR Cell Law Department	28/06/2019
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Innovation Excellence Award	Dr. C. V. RAMAN UNIVERSITY	WIEF SUPPORTED BY MSME AND DST	26/04/2019	UNIVERSITY
Medical Automotive	SAURABH MITRA	RESEARCH UNDER LITERAL ACCESS	12/11/2018	TEACHER
Contribution in the Field of Chemistry	Dr. JAYATI MITRA	INTERNATIONAL INSTITUTE OF ORGANIZED RESEARCH	05/04/2019	TEACHER
Academic Innovation Excellence	Dr. A S MAJUMDAR	WIEF SUPPORTED BY MSME AND DST	26/04/2019	TEACHER
Research Innovation Excellence	Dr. ABHISHEK PATHAK	WIEF SUPPORTED BY MSME AND DST	26/04/2019	TEACHER
Research Innovation Excellence	Dr. AMIT SHARMA	WIEF SUPPORTED BY MSME AND DST	26/04/2019	TEACHER
Academic Innovation Excellence	Dr. J K PATEL	WIEF SUPPORTED BY MSME AND DST	26/04/2019	TEACHER
Academic Innovation	Dr. KAJAL MOITRA	WIEF SUPPORTED BY MSME AND DST	26/04/2019	TEACHER

Excellence					
Research Innovation Excellence	Dr. NIKET SHUKLA	WIEF SUPPORTED BY MSME AND DST	26/04/2019		TEACHER
Research Innovation Excellence	Dr. Rashmi Verma	WIEF SUPPORTED BY MSME AND DST	26/04/2019		TEACHER
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
CRIIC(CVRU Innovation Incubation Centre)	Shukhankar Das	CVRU	Enterence Corner	Online Examination Skill Institute	23/07/2018
CRIIC(CVRU Innovation Incubation Centre)	Rahul Sarthi	CVRU	protien king	food supplement	09/09/2018
CRIIC(CVRU Innovation Incubation Centre)	Divya Prakash Chandra	CVRU	Prakash Pharma	Medical Agency	23/08/2018
CRIIC(CVRU Innovation Incubation Centre)	Mano Kumar Dewangan	CVRU	Car Shobha	E- Commerce Store	30/06/2019
CRIIC(CVRU Innovation Incubation Centre)	Nikesh Kumar Gupta	CVRU	Maa Bhagwati Fly Ash Bricks	Fly Ash Bricks	25/09/2018
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
COMPUTER SCIENCE ENGINEERING	5
ELECTRONICS COMMUNICATION ENGINEERING	1
CIVIL ENGINEERING	1
MECHANICAL ENGINEERING	3
CHEMISTRY	1
PHYSICS	1
COMMERCE MANAGEMENT	8
EDUCATION	4
PHYSICAL EDUCATION	1
INFORMATION TECHNOLOGY	1
LIFE SCIENCE	4

SOCIAL SCIENCE	9	
ELECTRICAL ENGINEERING	1	

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Electronics Communication Engineering	49	6.16
International	Electrical Engineering and Electrical Electronics Engineering	18	5.9
International	Computer Science Engineering	32	5.9
International	Chemistry	45	5.1
International	Education	39	2.5
International	Life Science	13	7.1
International	Mathematics	323	5.0
International	Management	50	6.1
International	Physics	19	2.5
International	Social Science	26	5.3
[View File](#)			

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Electronics Communication Engineering	6
Electrical Engineering and Electrical	2
Computer Science Engineering	1
Chemistry	3
Education	15
Social Science	5
Linguistic	6
Physical Education	1
Management	6
Rural Technology	1
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Kinetic isotherm of amoxicillin antibiotic through adsorption and its removal by electrocoagulation	Dr Jayati Mitra	Oriental Journal Of Chemistry	2018	4	Dr. C.V. Raman University	4
COST EFFECTIVE NATURAL ADSORBENTS FOR THE REMOVAL OF FLUORIDE: A GREEN APPROACH	Dr Rashmi Verma	Rasayan journal of chemistry	2018	4	Dr. C.V. Raman University	4
A Review reports on rare earth activated AZrO3 (ABa, Ca, Sr) phosphors for display and sensing applications	A.K. Shrivastava	Optik	2018	4	Dr. C.V. Raman University, Kota, Bilaspur (C.G.)	4
Monsoon seasons water quality status of ground water system in Takhatpur, Bilaspur district, Chhattisgarh, India	Dr Rakesh Kumar Yadav	Rasayan journal of chemistry	2018	1	Dr. C.V. Raman University	1
Analysis of water quality using physico-	Dr Manish Upadhyay	IOSR Journal of engineering	2018	5	Dr C V Raman University	5

chemical parameters of Khudia Dam in Mungeli District, Chhattisgarh						
An important role of coal and its calorific value on the performance of thermal power station: A case study	Dr Manish Upadhyay	Recent Research in Science and Technology	2018	1	Dr C V Raman University	1
Evaluation of the chemical composition of Rauwolfia serpentina and Leucas aspera-a comparative study	Dr Namita Bhardwaj	World Journal of Pharmacy and Pharmaceutical Sciences	2018	1	Dr C V Raman University	1
Integrated system of phytodepuration for agro-industrial waste water â€"An eco friendly technology	Dr Namita Bhardwaj	Recent Research in Science and Technology	2018	2	Dr C V Raman University	2
Removal OF Basic Dyes from waste water Throgh Bio adsorbent	Dr Namita Bhardwaj	European Journal of Biomedical AND Pharmaceutical sciences	2018	1	Dr C V Raman University	1
Heavy metal water pollution-A case study	Dr Rashmi Verma	Recent research in science and technology	2018	49	Dr. C.V. Raman University	49
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Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Kinetic isotherm of amoxicillin antibiotic through adsorption and its removal by electrocoagulation	Dr Jayati Mitra	Oriental Journal Of Chemistry	2018	1	4	Dr. C.V. Raman University
COST EFFECTIVE NATURAL ADSORBENTS FOR THE REMOVAL OF FLUORIDE: A GREEN APPROACH	Dr Rashmi Verma	Rasayan journal of chemistry	2018	1	4	Dr. C.V. Raman University
A Review reports on rare earth activated AZrO3 (ABa, Ca, Sr) phosphors for display and sensing applications	A.K. Shrivastava	Optik	2018	1	4	Dr. C.V. Raman University, Kota, Bilaspur (C.G.)
Monsoon seasons water quality status of ground water system in Takhatpur, Bilaspur district, Chhattisgarh, India	Dr Rakesh Kumar Yadav	Rasayan journal of chemistry	2018	1	1	Dr. C.V. Raman University
Analysis of water quality using phys	Dr Manish Upadhyay	IOSR Journal of engineering	2018	1	5	Dr C V Raman University

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

ico-chemical parameters of Khudia Dam in Mungeli District, Chhattisgarh						
An important role of coal and its calorific value on the performance of thermal power station: A case study	Dr Manish Upadhyay	Recent Research in Science and Technology	2018	1	1	Dr C V Raman University
Evaluation of the chemical composition of Rauwolfia serpentina and Leucas aspera–a comparative study	Dr Namita Bhardwaj	World Journal of Pharmacy and Pharmaceutical Sciences	2018	1	1	Dr C V Raman University
Integrated system of phytodepuration for agro-industrial waste water â€"An eco friendly technology	Dr Namita Bhardwaj	Recent Research in Science and Technology	2018	1	2	Dr C V Raman University
Removal OF Basic Dyes from waste water Throgh Bio adsorbent	Dr Namita Bhardwaj	European Journal of Biomedical AND Pharmaceutical sciences	2018	1	1	Dr C V Raman University
Heavy metal water pollution-A case study	Dr Rashmi Verma	Recent research in science and technology	2018	5	49	Dr. C.V. Raman University
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	48	125	23	19
Presented papers	59	67	10	11
Resource persons	3	6	1	4

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Dept. of Library Information Science	Library Organisation Management	Aricent College, Raigarh,Dr S K Maharana, Mob. 7697700864	4000
Dept. of Library Information Science	Library Organisation Management	Aricent B.Ed College, Raigarh,Amrita Tiwari,Mob. 7697700862	4500
Dept. of Library Information Science	Library Organisation Management	Uttam Memorial College, Raigarh,Mr Goutam Choudhery,Mob. 9425277121	4500
CSE	Online exam	TCS Consultancy	135563
CSE	GATE Exam	IIT Khadakpur	189300

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Training Placement Cell, CVRU	Orientation Programme	Regional Office, State Office, Zonal Office	1187999	260

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3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Campaign Hariyar C.G.	CVRU NSS	71	179

Plantation by Nai Duniya Press	NAYI DUNIYA, CVRU, NSS,DKP SCHOOL, GOVT SCHOOL SALKA NAWAGAON	36	50
Celebration of Raksha Bandhan with Trees	CVRU NSS	10	20
Lecture on Matadata Jagrukta	CVRU NSS	1	10
Nss Day Celebration	CVRU NSS	20	106
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Swachata Abhiyan	Swachata Award	MHRD	140
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Aids Awareness	CVRU	Awareness	12	350
Swachh Bharat	CVRU	Work Shop	2	20
Gender Issue	CVRU	Seminar	10	150
Unnat Bharat Abhiyan	Unnat Bharat Abhiyan CVRU/Dept. of Rural Techand Biotech, CVRU//MHRD/IIT Delhi	Two Days National Workshop on Latest Trends and Biotechnology and Holistic Farming	40	200
Unnat Bharat Abhiyan	Unnat Bharat Abhiyan CVRU/Dept. of Rural Techand Biotech, CVRU//MHRD/IIT Delhi	Radio Distribution in Adopted Village for the Banefit of Villagers	35	200
Unnat Bharat Abhiyan	Unnat Bharat Abhiyan CVRU/Dept. of Rural Techand Biotech, CVRU//MHRD/IIT Delhi	Farmers Study Tour in University Rural Technology Park and Herbal Garden	20	160
Unnat Bharat Abhiyan	Unnat Bharat Abhiyan CVRU/Dept. of	University Teachers Study Tour in Sri	28	200

	Rural Techand Biotech, CVRU//MHRD/IIT Delhi	Arvindo Socitiy Project Village Puducherry		
Unnat Bharat Abhiyan	Unnat Bharat Abhiyan CVRU/Dept. of Rural Techand Biotech, CVRU//MHRD/IIT Delhi	Seven Days spacial Village Camp	5	5
Unnat Bharat Abhiyan	Unnat Bharat Abhiyan CVRU/Dept. of Rural Techand Biotech, CVRU//MHRD/IIT Delhi	Sanitation Camp in Adopted Villages	20	50
Unnat Bharat Abhiyan	Unnat Bharat Abhiyan CVRU/Dept. of Rural Techand Biotech, CVRU//MHRD/IIT Delhi	Awarness Camp for Government Schemes in Adoptted Villages	25	100
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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
One Day National Seminar on Application of IOT	40	CVRU	1
One Day National Seminar on Cloud Computing	50	CVRU	1
Two Day National Seminar on Mahatma Gandhis Educational Thoughts- Relevance in Present Era	62	CVRU	2
Academic	15	RNTU	3
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant

Industry Acadamic Intraction through Industry Guest lectures, Boot camps,OJTs Industrial training, Internships nd final Placement support.	Interaction Training and placement support for CVRU studetns , Research and Consultancy activities,F aculty development bootcamp for CVRU Faculty members.	BILAPUR CERAMICS PVT.LTD Bilaspur Rd, Near Old Power House, Torwa, Bilaspur, Chhattisgarh 495004	01/06/2018	30/06/2018	23
Industry Acadamic Intraction through Industry Guest lectures, Boot camps,OJTs Industrial training, Internships nd final Placement support.	Interaction Training and placement support for CVRU studetns , Research and Consultancy activities,F aculty development bootcamp for CVRU Faculty members.	KIDS INTERNA TIONAL SCHOOL, BILASPUR	15/05/2018	30/06/2018	2
Industry Acadamic Intraction through Industry Guest lectures, Boot camps,OJTs Industrial training, Internships nd final Placement support.	Interaction Training and placement support for CVRU studetns , Research and Consultancy activities,F aculty development bootcamp for CVRU Faculty members.	EUREKA FORBES 1st Floor, Kashab Complex, Magarpara Road, Jarhabhata, Bilaspur-Chh attisgarh - 495004,	15/05/2018	30/06/2018	10
Industry Acadamic Intraction through Industry Guest lectures, Boot camps,OJTs Industrial training, Internships	Interaction Training and placement support for CVRU studetns , Research and Consultancy activities,F aculty development bootcamp for	KAIVALYA TECHNOLOGY Kududand, Tilak Nagar, Chhattisgarh 495001	01/03/2018	30/06/2018	28

nd final Placement support.	CVRU Faculty members.					
Industry Acadamic Intraction through Industry Guest lectures, Boot camps,OJTs Industrial training, Internships nd final Placement support.	Interaction Training and placement support for CVRU studetns , Research and Consultancy activities,Faculty development bootcamp for CVRU Faculty members.	RATHIS BUILD MART Vyapar Vihar Rd, Bilaspur, Chhattisgarh 495004	01/06/2018	30/06/2018	22	

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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
BILAPUR CERAMICS PVT.LTD Bilaspur Rd, Near Old Power House, Torwa, Bilaspur, Chhattisgarh 495004	27/07/2018	MOU for industry ,academia interaction ,training placement support activities.	23
KIDS INTERNATIONAL SCHOOL, BILASPUR	05/08/2018	MOU for industry ,academia interaction ,training placement support activities.	2
EUREKA FORBES 1st Floor, Kashab Complex, Magarpara Road, Jarhabhata, B ilaspur- Chhattisgarh - 495004,	22/08/2018	MOU for industry ,academia interaction ,training placement support activities.	10
KAIVALYA TECHNOLOGY Kududand, Tilak Nagar, Chhattisgarh 495001	05/08/2018	MOU for industry ,academia interaction ,training placement support activities.	28
RATHIS BUILD MART Vyapar Vihar Rd, Bilaspur, Chhattisgarh 495004	22/08/2018	MOU for industry ,academia interaction ,training placement support activities.	22

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
300	121

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Newly Added
Class rooms	Newly Added
Laboratories	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Newly Added
Video Centre	Existing
Classrooms with Wi-Fi OR LAN	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
[View File](#)	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
SOUL 2.0	Fully	2.0	2016
KOHA	Fully	18.11.04.000	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	40595	10805180	374	298583	40969	11103763
Reference Books	12133	4262456	405	271568	12538	4534024
e-Books	1613	13570	1613	13570	3226	27140
Journals	80	217109	6	248959	86	466068
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. Jayati Mitra	Characteristics Oxygen Balance of	MOOCs	23/07/2018

	Explosives		
Dr. Jayati Mitra	Classification Chemical Preparation of Explosives	MOOCs	24/09/2018
Dr. Jayati Mitra	Education Industry need to be reformed	MOOCs	30/09/2018
Dr. Namita Bhardwaj	Water Softening Process	MOOCs	21/07/2018
Dr. P. K. Naik	How to write Ph.D. Thesis (Preliminary Section) Part 1st	MOOCs	25/08/2018
Dr. P. K. Naik	How to write Ph.D. Thesis – 2nd Part	MOOCs	22/10/2018
Dr. Richa yadav	Impact and Prevention of Suicide Among Youth	MOOCs	13/11/2018
Saurabh Mitra	Mobile Fan	MOOCs	11/07/2018
Saurabh Mitra	Pin Junction Diode	MOOCs	23/07/2018
Saurabh Mitra	Zero Cost Water Heater	MOOCs	28/09/2018
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	1150	8	40	0	0	121	30	40	0
Added	200	1	500	1	0	9	6	500	0
Total	1350	9	540	1	0	130	36	540	0

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

500 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Raman Studio	https://www.cvru.ac.in/PDFDoc/AQAR/cvru.mp4

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites

60000000	50743441	150000000	148274371

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

The University has a dedicated maintenance department responsible for carrying out the duties of all departments and is responsible for overseeing the maintenance of buildings, classrooms, laboratories, sports facilities, hostels, canteens, lawns etc. The Maintenance Department is headed by a qualified technical expert and has support staff such as plumbers, electricians, carpenters, mechanics, etc. The maintenance of equipment for water pumping plants, sewage, etc. are undertaken as per their preventive maintenance schedules, guidelines by the equipment supplier. CVRU Maintenance Management System is subdivided as Physical, Academic, IT maintenance and Support facilities. Physical Facilities: Maintenance and Construction incharge conducts maintenance for buildings, landscape, equipment, infrastructure etc. Course-work Facilities include Class rooms, Labs, Seminar Halls, Library Support Facilities Canteen, Transport, Hostels, Guest House, Bank and Post Office Utilities Electricity, Water etc. Communication Welfare Facilities include Refreshing Rooms, First Aid, Transport etc. also facility for all repairs and services undertaken. Physical facilities comprise General maintenance, Environmental services, Buildings, garden culture, Electrical maintenance etc. Directives and Procedures in force Capital Planning and Implementation, Procurement and Purchase, Inventory Disposal of Surplus Furniture and Equipment, Item Request Raise and Allotment Steps, Shifting and, Lock and Key Control Maintenance Request Procedure, Satisfaction and Feedback Report, The additional special services include Shifting and Moving, Life Safety Services. The Central Library has several procedures in place for the maintenance of books, journal, articles, thesis etc. The University sets aside specific percentage of its budget towards maintenance and logistics - a portion of which is utilized for continuous up-gradation of its facilities. The maintenance department also ensures uninterrupted power supply and maintenance of electrical assets. The maintenance of equipment like generator sets, general lighting, power distribution system, solar panels etc. are undertaken as per their preventive maintenance schedules, guidelines by the equipment supplier. Maintenance Policy Maintenance System of CVRU: The responsibility for maintenance and upkeep of any physical, academic and support facilities such as laboratory, library, sports complex, computers, classrooms etc, rests according to CVRU maintenance policy followed by Periodic Maintenance Break-down Maintenance. Sports Maintenance:- Sports Officer of CVRU is the nodal authority for sports. There in sports committee and sports maintenance Staff (SMS) with him. SMS is provided with requisite resources maintain all sports field, sports gears, equipment, Gym Machine, Grass Cutting Machine etc. SMS responsible to University Sports Officer looks after maintenance of all Sports facilities.

https://www.cvru.ac.in/PDFDoc/AQAR/4.4.2.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	CVRU Institutional Freeship Scheme	288	3949490
Financial Support from Other Sources			

a) National	Post Matric Scholarship	1699	15931146
b)International	Nil	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Yoga Meditation	21/05/2018	50	CVRU Yoga Club Dr. Yuwraj Shrivastava 9827927156 yuwrajs56@gmail.com
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	CRT	269	1800	32	1735
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
3	3	7

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
42	1720	606	1	15	3
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	3	DIPLOMA	COMPUTER SCIENCE ENGG	RSR RUNGTA COLLEGE OF ENGINEERING	BACHELOR OF ENGINEERING
2018	2	DIPLOMA	COMPUTER SCIENCE ENGG	CHOUKSEY ENGINEERING	BACHELOR OF ENGINEERING

2018	1	BSc	COMPUTER SCIENCE	D P VIPRA COLLEGE	MSc
2018	1	BSc	OMPUTER SCIENCE	MAHARSHI COLLEGE	BEd
2018	10	DIPLOMA	ELECTRICAL ENGINEERING	Dr. C V RAMAN UNIVERSITY	BACHELOR OF ENGINEERING
2018	7	DIPLOMA	MECHANICAL ENGINEERING	Dr. C V RAMAN UNIVERSITY	BACHELOR OF ENGINEERING
2018	2	BACHELOR OF ENGINEERING	MECHANICAL ENGINEERING	SURANA COLLEGE BENGALURU	MASTER OF BUSINESS ADMINISTRATION
2018	14	DIPLOMA	CIVIL ENGINEERING	Dr. C V RAMAN UNIVERSITY	BACHELOR OF ENGINEERING
2018	2	MSc CHEMISTRY	CHEMISTRY	BURDWAN UNIVERSITY	BEd
2018	4	MSc CHEMISTRY	CHEMISTRY	Dr. C V RAMAN UNIVERSITY	BEd

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

Items	Number of students selected/ qualifying
NET	8
SET	9
SLET	1
GATE	2
CAT	1
Any Other	7

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Ravindra nath Tagore International Centre for Arts and Culture (Cultural programme)	University	50
NSS (Golden Jubilee Years Cultural Programme	University	40
AIU East Zone Interuniversity Kabaddi Competition Inaugural Function (Cultural Programe)	University	20

Dance Competition	University	35
Singing Competition	University	30
Skit Competition	University	29
Kabaddi (BOYS)	INTER FACULTY TOURNAMENT	84
HANDBALL (BOYS)	DISTRICT LEVEL TOURNAMENT	48
HANDBALL (GIRLS)	DISTRICT LEVEL TOURNAMENT	48
KHO-KHO (BOYS)	INTER COLLEGE TOURNAMENT	48
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	II PRIZE ASSOCIATION OF INDIAN UNIVERSITIES	National	0	1	CV4201701609	Arihant Upadayaye
[View File](#)						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Student Council The University has a student council which comprises of 10 student representatives (including boys girls). The Council organizes various student activities and extends support to organize extension activities of the University. The coordinators are nominated to the Student Council. The Council organizes various student activities and also extends support to organize extension activities conducted by CVRU. The common functions like student association meetings, students' expo, blood donation camps and annual day are organized by the student's council. The students' council plays a representative role by reporting the grievances of students to the head of the institution and suggests possible ways of solving them. Association meetings are conducted in all the departments involving subject experts and eminent personalities. Students are also provided with opportunities to deliver talks on the topics of their own interest. These meetings are conducted by the secretaries of the respective students' association. Faculty members facilitate the students to organize such meetings. Also CVRU has its student's Literary club which functions with an objective of organizing various competitions like debate, extempore, poetry, theatre, calligraphy, phonetics, oratorical, recital, essay, vocabulary skill, word-art, etc. It also organizes special lectures and functions celebrates notable public events. There is also a Student sports club that organizes and officiate various sports and games including sports for the persons with disability. The Departments of CVRU has a Student Council which is responsible for the functioning of various activities in the University such as quiz, photography, literary, music, drama, voyage and eco club, which encourages students to portray their latent talents followed by a teacher-advisor. The group organizes various student activities and extends support to organize extension activities of the Faculty. Apart from extension, the activities carried out by the students' group include educational exhibition, teacher's day celebration, Swachh Bharath, cultural programmes, rally and publication of e-magazine, news bulletin and wall magazine. The

University Student Council inspires motivates Students to participate in competitions at Itra-University level, Inter-University level, Zonal Level for various sports cultural activities and also significantly helps them to participate in All-India Inter-University events such as Kabaddi, Kho-Kho, Chess, Kick-boxing etc. The representation of the students on academic administrative bodies/committees of the University is as follows: Board of Studies, Academic Council, Alumni Association, Internal Quality Assurance Cell (IQAC), Student Clubs (ECO Club, Cultural Club, Adventure Club, Science Club, Yoga Club), NSS NCC, Sports Advisory Committee, Library Advisory Committee Students representing all branches are made members in the Library Advisory committee and opinion of the students on matters related to adequacy and availability of books, e-resources, new titles and other facilities are considered. Members of the sports committee, including student representatives, meet once a month and take up agenda items like existing facilities, forthcoming tournaments, scheduling of practice timings to various departments, coaching facilities, etc. Besides this, there are several other committees/Cells (Placement Cell, Gender sensitization cells, Anti-ragging cells, Anti-discrimination cells, Cultural committee, Sports Committee and Student's welfare committee) which have effective student representation.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

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 Alumni are one of the main stakeholders of the University. They contribute immensely by sharing their expertise in various ways like advocating for placement and internship, providing feedback on curriculum, delivering special lectures and motivating enrolled students. The role of the CVRU Alumni Association (CAA) for the effective functioning of the University is as under: ? Facilitate mutual interaction among Alumni of the University ? Keep them connected with the activities of the department/University. ? Provide continuous feedback on various activities of the department/ University. ? Contributing to professional development activities being alumni member of various CVRU committees. ? Participate actively in all the alumni activities conducted by CVRU each time. ? Alumni contributing to departmental development by sharing their expertise in various ways ? Advocating for placement and internship ? Providing feedback on curriculum other CVRU resources. ? Delivering special lectures and motivating enrolled students. ? Financial Contribution by the reputed CVRU Alumni towards Purchase of Quality Books, Construction of Buildings other CVRU progressive up-gradation of resources. ? Conducting Annual alumni meet every year. The Alumni working at reputed institutes located at various states in the country are helping research scholars in their research and developmental activities, through faculty development programs to faculty. Communication among the alumni is usually through group e-mail provides updates on activities and keeps the alumni connected with the institution. Alumni contribute to the development of the university by sharing their expertise in various ways such as external examiners, guest faculty, and their feedback on curriculum. A separate link is devoted on CVRU website for online registration of Alumni. The final year students of every program are registered on the alumni portal.

5.4.2 – No. of registered Alumni:

1000

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

120000

5.4.4 – Meetings/activities organized by Alumni Association :

2

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

CVRU has incorporated 3 practices for promoting participative management in the university 1. The CVRU IQAC took active initiative to include student member in more than 10 in-house committees in addition to the previous in-house bodies also introduced a Guardians forum in the University. 2. Formation of different statutory sub-committees under the supervision of CVRU IQAC with representation from all stake holder of the University for coordinating the important administrative activities of the departments Universities. 3. Formation of different statutory sub-committees under the supervision of CVRU IQAC with representation from all stake holder of the University for coordinating the important Academic Activities of the University. 4. Appointment of faculty coordinators each for the Faculties of Science, Arts, Engineering, Law, Management Commerce, Education Physical Education Information Technology for the smooth conduction of Industry Academia Activities Linkages.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	The curricula developed in CVRU is well-defined with skill-based learning objectives and outcomes both at the programme level as well as course level. Experts from the industry and academia are engaged in developing graduate attributes, educational objectives and learning outcomes for CVRU courses and programmes keeping in mind the latest trends in education and the changing requirements of the industry. CVRU provides a broad spectrum of courses ranging from basic, applied, interdisciplinary, job oriented, skill based, entrepreneurship and valued added courses. The CVRU curricula developed/adopted have focus on the following aspects/components/elements catering to emerging needs of Industry: ? Need based programs (NBP) ? Outcome oriented programs with outcome-based education (OBE) ? Review of courses with outcome-based courses framework (OBCF) ? Trendier programs(TP) ? Skill based education (SBE) with skill based

	Curriculum(SBC) ? Innovative technology use (ITU) ? Promotion of talent by social connection(PTSC) ? National and international collaboration to improve quality(NIC) ? Research Orientation Entrepreneurship Development (ROED)
Teaching and Learning	Different methods of experiential and participatory learning are adopted to ensure that students are active participants than remaining passive listeners in the teaching learning process. Those learning activities develop an application based outlook of the student such as Group discussion (GD), case analysis, role plays, design projects, presentations, seminar, home assignments, minor project, dissertation, industry internship, field work, major project etc. The PO's, PSOs CO's are also well incorporated during the Teaching learning process. The student centric pedagogic methods of CVRU provide additionally an inventory of learning methods to its students and scholars with ICT enriched learning/blended learning/ virtual learning/ augmented learning through Google classroom etc. Besides this, the students are given opportunities to gain diverse learning experiences through a mix of learning platforms by co-curricular/extracurricular venues and activities/ smart class room/ multimedia vistas/ peer-group/ field base clubs and committees/ teacher delivered learning opportunities etc. Though, the traditional black board-chalk and duster method of learning and face to face learning are there indeed because the learning by experience/learning by participation and problem solving is well possible in the traditional format. The life-long learning by participation is addressed by organizing workshop, seminars, guest lectures, interactive sessions, industry visits etc. time to time in each semester. Faculties upload their notes, lesion, assignments and presentations in MOODLE and SLIDE SHARE, YOU-TUBE etc. to make them assess the materials. The regular meetings of the class review committees of CVRU bring out the learning level grievances of students faculty which are redressed immediately. Wide access to internet facility to inculcate

	online learning management resources viz. e-book, e-journal facility for carrying out project works, learning through field-work, industrial visit, summer school enhancement of learning skills of the Students through participation in different seminars takes place at CVRU.
Examination and Evaluation	Examination and evaluation works were completed within the framework of stipulated guidelines of the University and as per scheduled dates outlined in the academic calendar. CVRU has complemented traditional written examination with project work assignments, debates, group discussion, literature review, power point presentation, grand viva and seminal lectures
Research and Development	CVRU has published its peer reviewed multidisciplinary journal BJSTH in the current session as usual wherein different faculty members had contributed their research papers. CVRU has introduced a Research Reward Scheme to motivate faculty members for Quality research publications in peer reviewed top National International journals with high impact factor. CVRU encourages them to present papers in International/National/State Level Seminars, workshops and to act as resource persons. The University also exhibits the publication of research work of the faculty members in the CVRU library to inspire further research. CVRU motivates the faculty members and the students to organize various research oriented seminars workshops at Institutional / State / National / International levels. CVRU also encourages faculties to act as M.Phil/ Ph.D supervisors. CVRU has given its effort to upgrade the library internet research resources for being used in by various faculty members who intends to pursue various forms of research. CVRU has also introduced installed significant software URKUND for the research Plagiarism Check as a key ethical tool.
Library, ICT and Physical Infrastructure / Instrumentation	Library: The University has developed and maintained libraries with all required academic resources including full time internet facility with wide bandwidth, and electronic gateways for accessing and sharing electronic

learning and teaching resources among researchers, teachers, students and the visitors. The library budget ensures that the latest editions of books and journal are continuously made available. The library also provides book banks for the economically backward students. The Central Library is automated using the internationally acclaimed open source Koha ILMS in Linux. ICT: The use of audio/video aids in classrooms, library etc. is a common teaching feature at CVRU. All class rooms are wi-fi enabled/ICT enabled several are with smart boards. Infrastructure: the campus is endowed with necessary infrastructure including buildings, well-furnished classrooms, equipment and state-of-the-art laboratories. The physical space is provided in terms of different blocks, open areas, tree plantations and roads. The campus has several blocks, in which various organizational units are housed. The Blocks are designated as A, B, C, D, E, F, G, H, I Blocks, Central Library Block, Workshops, Radio-Raman 90.4, Canteens, Café-Kabana, Administrative block, Research block, CVRU-NSDC Academy, Guest House, IODE Building, Gymnasium Sports complex, boys hostel, girls hostel, staff quarters, PMKK Block, bike car parking, etc. For the experiential methods to ensure the learning enhancement CVRU has active learning labs such as CAD-CAM lab, simulation lab etc. to understand the theoretical concepts through simple custom made experiments. Laboratories are equipped with advanced instruments and apparatus for advanced level experiments as well as real models and illustrative charts to enhance understanding. To enhance programming skills e-facilities are there in all laboratories of CVRU. Instrumentation facility: AAS(Atomic Absorption Spectrometer), HPLC, Single beam Advanced Double beam UV-VIS Spectrophotometer, Flame Photometer, Lux Photometer, Digital Photoelectric Colorimeter, Microcontroller based digital pH-meter, Conductivity-meter and Turbidity-meter with PS System, 9-Parameter Water Analyzer Kit, Bomb-Calorimeter, Muffle Furnace, Soil Analyzer Kit, TLC, Column Chromatography Apparatus, COD

	Apparatus, BOD Apparatus, Centrifuge, Sohxlet extractor.
Human Resource Management	CVRU is keenly involved in motivating and facilitating the faculty members to participate in Refresher Orientation courses. Arrangement of computer training programmes related to Tally and MS- office for Non-teaching staff is regularly organized by the HR section of CVRU by the support of Skill development authorities of the Institution. Also CVRU HRM in corporate organization of a workshop on different safety measure to adhere to in daily life and in work place, Self-appraisal of the teachers through maintenance of Academic Diary, maintenance of Grievance Redressal Cell, Anti-Ragging Committee, Sexual Harassment Committee, Appointment of a doctor (CMO), who visits the University once in a week, for facilitating health check-up of the teaching and non- teaching staff. The Departmental Advisory Committees were reconstituted through involvement of teachers, students and guardians.
Industry Interaction / Collaboration	? Eminent members from industries act as visiting faculties, experts and members of the University Committees. ? Tata Consultancy Services (TCS) organizes a several hours training programme for employability related skill development of our students. ? CVRU has established various linkages with the Industries through MoUs by which CVRU students of Professional Courses go for the frequent visits, internships, perform student faculty exchange activities etc. ? CVRU maintains regular interaction with a number of Industry Houses like Cognizant Technology Solutions (CTS), TISS etc. These industrial organizations participate in the Campus Hiring Drive organized by CVRU every year. ? CVRU Students undertook various Industrial visits to Narmada Cold Drinks, BSNL, NTPC, SECL, Jindal, Coca-Cola etc. during the session which broadens the real life experience of the students.
Admission of Students	The Announcement for the admissions to the various programmes of CVRU is made through its admission Notifications published in the CVRU Website, Newspapers, electronic media etc, for which the Admission brochure forms, are

made available both in Online offline mode in the campus. A huge no. of Applications are received for different programmes as per the thereon demand ratio. The admission for the professional courses programmes running in the University are done through the entrance exams conducted by the Central state Govt. regulatory mode of exams such as GATE, MAT, DTE (C.G.), NCTE etc. followed by their counselling sessions. Though for the programs other than B.E, M.B.A, Poly, M. Tech, B.Ed. etc. such as Arts, Science, Commerce, Law etc, the University scrutinizes the applications randomly prepares the Merit List based on which the admissions are procured. Moreover, for the admissions to its research programmes such as M.Phil Ph.D CVRU conducts its own Entrance Exam followed by Pre-Ph.D Interview. Further CVRU has all the facilities, amenities support for all its students after their admissions seeking proper subject-wise counselling in their departments.

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

E-governace area	Details
Planning and Development	The University has a well-designed web portal which is expected to aid in various administrative and academic matters. Various important forms and formats (pdf versions) as well as important official documents are uploaded in the University's web portal for the ease of accessibility by various stakeholders. CVRU implemented SMS system for dissemination of information including regular notice to all stakeholders. Setting-up of virtual system through Skype from distant corners of the world.
Administration	With a view to encourage paperless communication for various in-house, WhatsApp Groups (for Heads of Academic Departments, for Permanent Faculty Members and for Contractual Faculty Members). Various urgent notices and information has been transmitted via these groups at various times. Institutional Email-IDs for various faculty members and administrative heads have been created in the new institutional web portal, for official communication purpose.

Finance and Accounts	The University continued with the already established Tally system of accounting in its office, which is operational since 2008. Salary bills of the permanent staff being sent online to the treasury. Swipe Machine is also available. No other new initiatives took place during the period. During the new admission process, the financial transactions by the students were made in cent percent cashless mode.
Student Admission and Support	The CVRU Admission Procedure is based on the 5 steps using the CVRU- ECASE software involving the Pre-Admission process (Counselling), Post Admission, Financial Inclusion, admission-Attendence management the Admission Communication management in the CVRU campus.
Examination	Examination process at CVRU are completed within the framework of stipulated guidelines of the University and as per scheduled dates outlined in the academic calendar. CVRU has complemented traditional written examination with project work assignments, debates, group discussion, literature review, power point presentation, grand viva and seminal lectures

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Mr. Saurabh Mitra	IISF (India International Science Festival), Lucknow, Young Scientist Conference.	NA	2300
2018	Dr. Rakesh Kumar Yadav	NA	SCIENCE AND ENGINEERING INSTITUTE(SCIEI) ID-20180907001	3000
2018	Dr. Jayati Chatterjee Mitra	NA	ACT (Association of Chemistry Teachers)	2500
2018	Dr. M.Z Khan	National	NA	2300

			Workshop Trensds in Research, Ethical Issues use of Anti-Plagiarism for Research Integrity			

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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Session on Nanomedicine: Prospects in Cancer Therapy		07/09/2018	07/09/2018	50	0
2018	Workshop on Global Culture and Human Problems		20/08/2018	20/08/2018	40	0
2018	Workshop on "Electronic System Design Manufacturing"		28/08/2018	28/08/2018	58	0
2018	Session on"Water Scenario in India"		18/09/2018	18/09/2018	178	0
2018	Workshop on Current trends in Hospitality Industry		10/09/2018	10/09/2018	15	0
2018	Workshop on Energy Management System (EnMS)		22/10/2018	22/10/2018	19	0
2018	Session on FDI in Retail		15/11/2018	15/11/2018	119	0

2018	Workshop on Effective use of Learning Resources		10/12/2018	10/12/2018	77	0
2018	Session on "Empowerment of Women"		17/12/2018	17/12/2018	99	0
2019	Energy Management System workshop for Auditors		10/01/2019	10/01/2019	19	0

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Faculty Development Programme	2	04/07/2018	06/07/2018	3
Faculty Development Programme	2	12/01/2019	14/01/2019	3
Faculty Development Programme	2	26/11/2018	01/12/2018	6
Faculty Development Programme	2	10/12/2018	14/12/2018	5
Faculty Development Programme	2	17/12/2018	21/12/2018	5
Faculty Development Programme	1	31/05/2019	06/06/2019	7
Faculty Development Programme	1	06/03/2019	19/03/2019	14
Faculty Development Programme	1	11/03/2019	15/03/2019	5
Orientation Programme	2	10/06/2019	26/06/2019	17
Short Term Course	2	17/06/2019	18/06/2019	2

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
35	35	9	9

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
9	9	3

6.4 – Financial Management and Resource Mobilization

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

> The Financial Audit at CVRU is conducted every year in an internal mode of Audit system.

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

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

6.4.3 – Total corpus fund generated

686332199

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No		Yes	Rabindranath Tagore University
Administrative	No		Yes	Rabindranath Tagore University

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

NA

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

> The Parent-Teacher Association at CVRU provides a significant support to the University in a following way: ? Providing valuable suggestion for development of the University. ? Pointing out the weaknesses of the University related Departments and suggesting rectification. ? Communicating views which the students feel shy to communicate directly to the teachers about the Institution and the department. CVRU believes in the academic, social, moral and cultural development of students by acquiring inputs from all stakeholders. Although CVRU does not make a formal interaction schedule per week with the parent-teacher association, yet interactions of teachers with parents during CVRU

parent-teacher meetings (CPTM) of different departments come up with new suggestions related to the overall development of the students. Teachers have been able to communicate with parents to prevent early marriages and other prejudices related to the drop-out of girl students. This has resulted in the increase in overall percentage of girl students in CVRU. Presently, the female students constitute a major place of the total undergraduate students and post-graduate students of the University. Faculty members maintain attendance record of students. If a student shows poor attendance, then parents are informed about the same by faculty members and Principal and subsequently meetings are arranged by the CVRU authority with the parents-Teacher Association quaterly. In almost all cases, parents provide essential support and care to ensure proper attendance of their ward. Joint effort of parents and faculty members has ensured good representation of girl students in field based subjects of UG-PG which require field trainings to different parts of India.

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

? Fifty Seven (57) support staff of CVRU was trained with elementary and advanced Tally for increasing their computer proficiency. ? Computer Training of the CVRU Admission-office staff was done successfully so that they are able to handle the online queries and interaction of students. ? Support staff of Accounts section was trained by the CVRU to be proficient with different online schemes of the State Government Government of India for the Students Faculty members of HEI's. ? CVRU conducted workshops on IT Skill inclusions, Gardening Skills, Stress Management Maintenance Skills for its respective supporting staff.

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

? Increase in the use of ICT tools resources in the Teaching-Learning process such as Google classroom, Moodles, Powerpoint presentations etc. by the Faculty members. ? Involvement Enrollment of maximum no. of Teachers in the courses of NPTEL, SWAYAM etc. ? Participation of maximum no. of Faculty members in the FDPs, STCs, Refresher Orientation Programmes ? Upgrading the CVRU infrastructure by Increasing the no. of Smart Classrooms, better Innovation Research Laboratories better Girls Hostel facility in the campus. ? Increasing recruiting the maximum number of faculty members with Ph.D ? Holistic Education with more no. of value-based courses in the existing curriculum. ? Increase the number of MoUs Linkages with Industries Institutes of Repute ? Prepare the PO's, PSO's CO's for all Programmes in the Departments.

6.5.6 – Internal Quality Assurance System Details

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

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Academic Administrative Mock visit	06/06/2019	06/06/2019	06/06/2019	180
2019	Academic Administrative Audit	12/06/2019	12/06/2019	16/06/2019	350

2019	Two days Interaction program on new framework of Accreditation Assessment Process of NAAC (A A System)	03/06/2019	03/06/2019	04/06/2019	80
2019	One day workshop on New Education Policy organized by IQAC	24/06/2019	24/06/2019	24/06/2019	56
2019	Social Welfare program at Jan Swasthya Kendra under Swacchhatta Abhiyan organized by IQAC	23/06/2019	23/06/2019	23/06/2019	54
2019	Two days Mega Career Fair for students organized by IQAC	18/06/2019	18/06/2019	19/06/2019	500
2019	Organized an Event titled ARPA UTTHAN MEIN SHRAMDAAN for contribution to clean Arpa River of Bilaspur	12/06/2019	12/06/2019	12/06/2019	65
2019	Two days workshop organized by CEAER Chemistry IQAC on Sustainable Development Environment in association with CEE, Pune	07/06/2019	07/06/2019	08/06/2019	40

| 2019 | One day program on Nadiya Udaas Behti Hai for awareness towards environment | 05/06/2019 | 05/06/2019 | 05/06/2019 | 22 |
| 2019 | Awareness Program Oath Ceremony on World No Tobacco Day with Tobacco Free Environment Rally. | 31/05/2019 | 31/05/2019 | 31/05/2019 | 300 |

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Seminar on Gender Discrimination in Rural India	09/07/2018	09/07/2018	100	70
Health Camp for Blood & Sugar Test	08/11/2018	08/11/2018	52	32
Seminar on Sexual Harassement in Educational Field	10/12/2018	10/12/2018	100	20
Seminar on Women Rights against Domestic Violence	08/01/2019	08/01/2019	50	20
Open Discussion on Balance for Better	08/03/2019	08/03/2019	150	30

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

Percentage of power requirement of the University met by the renewable energy sources
A 10KW Solar Panel was set up in the campus which is being installed above the Library block Academic Research block to meet the electricity requirement for the Library, Reading Room, Digital conference room and the Campus street lights

has been running with supply of electricity requirement through the 15Watt LED Lamps. Thus, the total annual conventional electricity power consumption during the assessment year was approximately 471455 Units. All the rooms infrastructural atmosphere of the University Academic, Research, Administrative blocks are provided with LED lights. Also, as a step towards environmental consciousness, CVRU celebrates the World Environment Day, World Ozone Day (by Chemistry Department), Vanmahostsav (Tree Plantation), Popular Lecture Talks on environment sustainability organizes several Seminar, Symposia, Quiz and various other activities related to Green Environment Energy followed by plantation drives.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	15
Provision for lift	Yes	15
Ramp/Rails	Yes	15
Braille Software/facilities	Yes	15
Rest Rooms	Yes	15
Scribes for examination	Yes	15
Any other similar facility	Yes	15

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	10/12/2018	1	Swachata Abhiyan	Swachata	50
2018	1	1	25/07/2018	1	Tree Plantation	Environmental	35
2018	1	1	01/09/2018	30	MalNutrition	Health	38
2019	1	1	22/02/2019	7	Beti Bachao Beti Padhao	Gender Equity	25
2019	1	1	03/03/2019	1	Blood Screening Camp in association with Blood Bank in Bilaspur.	Blood donation and screening	62
2019	1	1	21/04/2019	1	Thalassemia	Thalassemia	56

| | | | | Awareness Programme | |

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
A Handbook on Code of Conduct Professional ethics: Values Guidelines	14/07/2018	The Code of Conduct Professional ethics with various values guidelines along with its functioning for various stakeholder of the university like Governing Body, V.C., Registrar, Principal, DR, AR, CFAO, Librarian, Exam Controller, Teaching Non-Teaching Staff Other In-House wings was circulated amongst all through the IQAC on 28th July, 2018, displayed on the Notice Boards, official WhatsApp Group apart from being uploaded in the institutional websites.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Ozone Day	15/09/2018	15/09/2018	140
International Yoga Day	21/06/2018	21/06/2018	300
Teachers Day Celebration	05/09/2018	05/09/2018	210
Womens Day Celebration	08/03/2018	08/03/2018	70
Traffic Safety Program	21/01/2019	21/01/2019	30
Public Awareness Program for voter turnout	10/12/2018	10/12/2018	40
Environment Prevention and Plantation Drive	20/07/2018	20/07/2018	45
National Constitution Day	26/11/2018	26/11/2018	70

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

1. Encouraging the use of CFL and LED lamps. Installation of LED lamps and motion sensors in throughout the campus. 2. Reduction in use of papers by

digitalization of reports records facilities. 3. Installation of power factor correction units (Capacitors) to improve the power factor to reduce transmission losses, Improve voltage Conserver energy. 4. Introducing use of bicycles for students staff to use within campus 5. Introducing and incorporating solar panel system with a number of solar cells for a smooth saving of energy and power. Introducing solar cart within campus used by faculty member other staff 6. Installation of water saving adjustable aerators on water taps. 7. CVRU has separate contracts to vendors for disposal of hazardous materials such as e-waste, bulbs, old batteries, tube lights, plastics etc. 8. Installation of Rain Water Harvesting System. 9. Distribution of potted plants as felicitation of dignitaries. 10. Distribution use of Jute-Bags throughout the campus. 11. Implementation of Waste-Water Recycling System. 12. IQAC has taken an initiative for a Mobile Van issued by the State Govt. to reach the rural areas visit the various schools villages for promotion of Science Technology. 13. Restricting the random use of air conditioners. 14. To create awareness among the students and staff about the sustainable use electricity, initiative has been taken by the university under the green campus strategy. 15. Provision of master switch to all the class room, to enable to switch off all fans/lights, at end of class work. 16. Constructions of building with more provision of natural light and ventilation enabling lever consumption of electrical energy in the day time.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE -1 : 1.)TITLE OF THE PRACTICE: Lush Green Environment Friendly Campus For Medicinal Research Uses Dr. C.V. Raman University has a very lush Green eco-friendly campus of which are the environment friendly practices incorporated throughout the serene atmosphere of CVRU. The campus has a lot of perennial and seasonal plant species of both medicinal ecological values to enhance a calm pollution free environment. The University regularly maintains these plants species for both the ayurvedic research purpose towards the campus resources benefits. The campus is regularly maintained towards its cleanliness as a one only Swachh campuses among the various Universities of the state won the SWACHCH CAMPUS AWARD for this year from the Govt. of India (MHRD). The Green Audit every year in a regular basis. The University has also proposed for a Green Book for the upcoming years to be uploaded in the CVRU website during the next academic session. The CVRU campus bears a tobacco-free, plastic free noise-free zones also maintains precaution in making the disposal of the laboratory wastes, electronic wastes, plastic wastes through the use of organic composters. All chemical fertilizers are replaced by bio-fertilizers for use in the campus the ornamental plants are replaced by the ayurvedic plants of herbal medicinal use. The University is a proud recipient of the ISO-Certification ab-initio. 2.) OBJECTIVES OF THE PRACTICE: ? To create awareness among the students and staff about the sustainable use of electricity, Green initiative has been taken by the university under the green campus strategy. ? To Incorporate Green Pollution free atmosphere in the campus ? To increase the number of herbal medicinal plants in the CVRU campus ? Provision of master switch to all the class room, to enable to switch off all fans/lights, at end of class work. ? Constructions of building with more provision of natural light and ventilation enabling lever consumption of electrical energy in the day time. ? Distribution of potted plants as felicitation of dignitaries. ? Distribution use of Jute-Bags throughout the campus to every stakeholder. ? Implementation of Waste-Water Recycling System. ? IQAC has taken an initiative for a Mobile Van issued by the State Govt. to reach the rural areas visit the various schools villages for promotion of Green Environmental Awareness. ? Restricting the random use of air conditioners. ? Encouraging the use of CFL and LED lamps. Installation of LED lamps and motion sensors in throughout the

campus. ? Reduction in use of papers by digitalization of reports records facilities. ? Installation of power factor correction units (Capacitors) to improve the power factor to reduce transmission losses, Improve voltage Conserver energy. ? Introducing use of bicycles for students staff to use within campus ? Introducing and incorporating solar panel system with a number of solar cells for a smooth saving of energy and power. Introducing solar cart within campus used by faculty member other staff members. ? Installation of water saving adjustable aerators on water taps. ? CVRU has separate contracts to vendors for disposal of hazardous materials such as e-waste, bulbs, old batteries, tube lights, plastics etc. ? Installation of Rain Water Harvesting System. BEST PRACTICE-2 1. Title of Practice: Implementation of Institutional Solid Waste Management System (CVRSWMS) in CVRU Campus 2. Objectives of the Practice: The concept of Institutional Solid Waste Management has been gaining importance globally due to the growing environmental concerns. Particularly for a country like India, this approach is highly relevant for combating the increasing stress on different sectors of the society. For the sustainable development of the university it is very important to judiciously handle the environmental issues like the solid waste management. Implementation of integrated sustainable Institutional Solid Waste Management approach minimizes the waste and environmental pollution and provides economic benefits, through best suitable method for managing the waste i.e. reuse, recycling, recovery. 3. The Context : Universities bear a vicarious responsibility in ensuring that sustainable plans and policies are imbibed in the society. Through their expertise, they have the capacity to increase awareness, knowledge, technology and tools necessary to promote and sustain best practices within and around the community in which they are located. Developed countries have made great progress in terms of waste management both at the university and community levels. Developing nations with their peculiar challenges are still trailing behind in this regard. Institutional waste are not handled and disposed off together with domestic waste. The solid waste generated at the university campuses constitute large amount of recyclables which can be recovered if proper solid waste management system is used. CVRU has developed into a significant centre of education. It hosts many prominent departments and institutions. This means a lot of institutional waste is generated in the campus. This waste can be managed to reduce the burden on the management which is mainly responsible for proper handling and disposal of this waste. Comprehensive and efficient waste management system helps to effectively manage this waste and explore the potential of resource recovery from this waste. 4. The Practice : Unanimously huge amount of waste is generated from the campus which consists of plastics, paper, glass, metals, food waste, garden waste, electronic/electrical, hazardous waste etc. Annually a huge amount of capital can be obtained by implementing a waste management system as a best practice in the CVRU campus also the amount can be recovered by selling the waste. The waste management system in the campus is in-appropriate. All of the waste is collected in the different color-marked CVRU-dust-bins arranged by University and thrown at different dumpsites within the campus and is set to burn. Hence since two years a sustainable waste management system in the campus is implemented. In order to manage the solid waste effectively we need to understand its composition and all the activities that follow once the waste is generated. Basically composition and characteristics of the waste depend on a whole lot of factors and also vary periodically. Each of these zone has been marked with different collection point, mainly with two colored dustbins are placed in different location. In laboratories one extra special colored bin is placed for hazardous wastes and instructed to dispose it safely as per guidelines. Some of departments (Administrative and Maintenance) who produce waste in bulk specially paper and furniture waste has separate storerooms and disposal policies for the disposal. Biodegradable waste (Organic Waste) mainly contains Food and Garden waste are collected in green dust bins and garden

areas and are send directly to the respective recycling centre situated within campus twice in a day. An integrated approach has been adopted for the disposal of the waste. The organic part of the waste are turned into manure by using sustainable practices such as bio gas, composting and vermin-composting. 1. Bio gas/Compost plant 2. Vermi-Composting Pit Inorganic Waste of the blue dust bins (color-marked dust bins of CVRU) are collected in a pavement constructed near the maintenance department Now wastes are sorted as per the composition and type of waste. After sorting, Segregation is the key for making a sustainable waste management system, segregated waste are stored and twice in a month sold to the market for further recycling. Resource recovery from the waste include both recovery of the useful materials by recycling, as well as the recovery of the wealth by selling the recyclables. Now in metro cities e-kabadi plays a major roll for economical and safer disposal of e-waste. They collect mother boards, batteries, UPSs, SMPS, Cabinets, Printer's parts, Tonner cartridge etc. e waste with a good rates and send to countries like Taiwan and Singapore for further recycling/reuse. Construction waste are mainly used for leveling of ground, segregated in metal and other parts and reuse, recycle, recover (secondary market). The University plans for the Recyclables to be sold in the secondary market to recover wealth from the waste. 5. Evidence of Practice : 1. Details of orientation programme for Maintenance, House Keeping and technical Staff. a. 18 Technical staff oriented in First Phase b. 30 Maintenance staff oriented in second phase c. 25 House-keeping staff members got Training in the Third Phase 2. CVRU has sufficient MoUs with secondary recycling agencies for significant processings. 6. Problems Encountered and resources required : Resources required : 1. Appropriate numbers of different sized and coloured collection bins 2. Hazardous waste disposal bins and system 3. Trained House Keeping Staff for collection of waste 4. Vehicle for transportation and disposal of waste 5. Proper storage areas, pavements, store rooms at different locations. 6. Pit to dispose hazardous waste 7. Tools and technical staff for segregation of waste 8. Safety and Hygiene : Jackets, Gloves, Masks and other equipments 9. Displays for increasing awareness 10. Charts of waste types and methodology Problems encountered : 1. Dr. C.V. Raman University is located in a tribal low-developed area of Kota Nagar panchayat, where there is no municipal corporation mechanism for disposal of waste.2.In Bilaspur agencies for recyclable electronic waste are not available easily3. Non recyclable Plastics disposal system has a major issue to the

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

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

The vision statement of CVRU is to be transformed into a University of Global standards imparting world class education through skilled manpower which can make a significant contribution to the nation building cater to the needs of the society by creating an intellectual domain that initiates, nourishes perpetuates values of Humanity conscious co-existence achievements of Excellence. Its prime mission is to ensure adequate career preparation for its students by focusing on their skill development, self-enrichment through suitable Feedback transparent bottleneck analysis for intellectual, social economic development of the society. Thus, CVRU is working towards its vision to achieve the global standards to impart world-class education for which the University undergoes self-analysis and self-discovery leading to elimination of bottlenecks in the context of a holistic framework of Education. In context of the above Vision mission statement of the institution, it was decided to

involve more stakeholders in the institutional policy and decision making process. Involvement of more stakeholders is thought to have enhanced and effective bearing upon identification of institutional bottlenecks and removal of those in a phased manner, through active participation and involvement of all concerned. The IQAC Core Committee, through appropriate resolutions, has initiated to involve the Alumni's, Industry Experts, old faculty members and Deans of the University as well as the guardians as members in the IQAC Core Committee, which deliberate periodically upon different core issues of the institution. In this regard, initiative was taken to constitute the "C.V. Raman Student Forum (CRSF) C.V. Raman Guardians Forum (CRGF)" the President of which keeps in regular communication with IQAC Core Committee. CVRU-IQAC has also decided to form the C.V. Raman Teachers Forum (CRTF) to move towards a better stakeholder-feedback procurement implementation in the campus to make it Grievance-free. The views and suggestions elicited through a guardian feedback have highlighted certain institutional bottlenecks which are being attempted to be sorted out in a phased manner. The student feedback conducted during the sessions has sought to obtain feedback on various institutional qualitative aspects viz. Teachers Teaching Pedagogy, departmental infrastructure, curriculum, campus-infrastructure, office-support, library and hostel facility etc. Therefore, by reducing all the bottlenecks through its strong Feedback system Stakeholder involvements in its committees at a large, CVRU can definitely emerge as University of Global Standards could stand distinctly apart from other Institutions towards its well defined Vision mission.

Provide the weblink of the institution
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8.Future Plans of Actions for Next Academic Year

Dr. C. V. Raman University visions to be transformed into a University of Global Standards imparting world class education through skilled manpower to make a significant contribution to the nation building and cater to the needs of the society by creating and research oriented intellectual domain that initiates, nourished and perpetuates values of humanity, conscious co-existence and achievement of excellence. Thus, University believes in creating new frontiers of knowledge in quest for development of a Humane and Society moves on with the following future plan of action for the next academic session to reach the target: - 1. Implementation of ICT/e-governance in all the administrative and academic section to make the campus fully automated. 2. Promoting International collaboration for Academic Interaction and Research Resource Exchange. 3. To increase national and International Linkage with Industries and higher education Institutions and establish skill-driven Industry-Academia atmosphere in the CVRU Campus. 4. To upgrade the examination and evaluation system of the university through regular online – MCQ's exam pattern, Mock Test and prepare the students for various competitive examination in a better way. 5. To introduce and increase various Health Care Programs by the University. 6. To increase the number of MoU's by each academic department for student and faculty exchange. 7. To ensure a plastic free, Junk food free and Tobacco free campus and make the campus eco-friendly. 8. Strengthening the Alumni database and their contribution at the departmental level. 9. To enhance and upgrade the resources of Laboratory facilities for creating Advanced Research Environment. 10. Implementation of better Laboratory Safety Guidelines in all the laboratories. 11. Usage of e-Resources in all the academic departments. 12. Implementation of online attendance mechanism both for students and faculty members. 13. Timely submission of AQAR for the upcoming academic session. 14. CVRU plans to increase the ICT enabled teaching atmosphere and to increase the e-content development facility by teacher in the various platform of MOOCs and Swayam. 15. CVRU plans to strengthen the staff development facility and organize regular training programs capacity building workshops for both teaching and non-teaching staff members. 16. CVRU

plan to incorporate the involvement of Alumni and industry partners in the various activities of the university. 17. CVRU plans to increase the number of International students and upgrade their international residential facilities in the campus to enhance its global atmosphere. 18. CVRU plans to evolve its strategic plan to generate alternatives energy sources in a better way.