



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

RVS COLLEGE OF ENGINEERING AND TECHNOLOGY

**KUMARANKOTTAM, KANANMPALAYM (TAK), SULUR, COIMBATORE -641402
641401**

www.rvscet.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

RVS College of Engineering and Technology established in the year 2007 by RVS Educational trust is situated on a 12.33-acre campus on Trichy road at a distance of 14 km from the cotton city of Coimbatore. Our Chairman Dr. K. V. Kuppusamy, is a shining example to show how one could rise from a humble beginning to the level of a chairman, presiding over an empire of educational institutions, by the virtues of hard work, dedication, and devotion to a common cause.

RVSCET is a self-financing institution approved by AICTE, New Delhi, and affiliated to Anna University, Chennai, Tamilnadu recognized by UGC under section 2(f). The institute offers 6 undergraduate programs (i) Computer Science and Engineering (ii) Electrical and Electronics Engineering (iii) Electronics and Communication Engineering (iv) Mechanical Engineering (v) Petrochemical Engineering and (vi) Artificial Intelligent and Data Science, Postgraduates programs (i) Computer Science and Engineering (ii) Embedded System Technologies (iii) Communication Systems and (iv) Thermal Engineering and two doctoral programs from Computer Science and Engineering and Electrical and Electronics Engineering.

The Institute has an excellent infrastructure with a built-up area of 7327.74 sq. Meters. The institution has a fleet of buses plying in every direction of the town including nearby rural areas. Separate hostel for boys and girls. The institute has academic blocks which consist of the lecture hall, smart classroom, staff rooms, well equipped laboratories, computer centers, seminar hall. Facility for indoor games, separate gym for girls and boys are provided. Highly attractive spacious ground with the necessary equipment for outdoor games facilities is provided. The central library is functioning with an area of 640 sq.m with a seating capacity of 200 students. The Institute is a member of DELNET, American Library, and British Council Library to access e-books and journals. The library is fully automated by using AutoLib and OPAC software.

To expose the students to the industrial environment to update the technological development MoUs have been signed with many industries and foreign universities. MoU with the University of Mara and Taylor University helps the students and faculty sharing knowledge and resources. Installation of Bio-Gas plant and solar power plant indicates our consumption of the environment protection. The Institution is surrounded by lovely green lattice and trees.

Vision

RVS College of Engineering and Technology, Coimbatore, will strive to be an Institution of National Importance and committed to work towards societal and economic empowerment of the nation through the development of Engineers with technical and managerial skills

Mission

Become a center of excellence for engineering education and research with excellent infrastructure and well-qualified faculty.

Develop and support faculty who are potential scholars and effective educators.

Empower the students with newer and newer skills through various training programs to face the growing challenges of the industry.

Enhance the competitiveness of the students for economic and social developments.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Committed and visionary management.

Dedicated and qualified faculty for the welfare of students.

Excellent infrastructure.

Well-set teaching-learning process.

Adopting new technologies in teaching-learning Methods .

Excellent Institutional social responsibility activities .

Effective Mentor-Mentee system to improve the students' performance in academic as well as other activity

The institution is certified with ISO 21001:2018.

The institution has ICT-enabled classrooms, well-equipped laboratories, an air-conditioned seminar hall, and a conference hall.

MoUs with industries to assist students to undergo internship, industrial visits, and carry projects.

MoU with Foreign universities.

NPTEL local chapter.

The freedom is given to students to plan, schedule, conduct / organize programs in Co-curricular and extracurricular activities.

Transparent examination management system.

Flexible internal assessment components.

To Enrich the curriculum, feedback collected from all the stakeholders.

Value Added Courses offered by the institution to meet societal expectations.

Financial support for rural background students.

Adequate sports facility including a separate gym for boys and girls.

IQAC to spread quality culture in planning and implementing all activities.

Pollution-free green environment.

Approved research centers from affiliated university for the department Computer Science and Engineering and Electrical and Electronics Engineering.

Institutional Weakness

Limited academic flexibility since adopting the curriculum from the Anna University.

Lack of interest among the students towards higher studies / Research

The performance of students in competitive exams to be improved.

Lack of funded projects.

Institutional Opportunity

NBA Accreditation for all programs.

Achieve Autonomous status.

Enhancement of practical knowledge to generate resources for students from consultancy.

Exchange the faculty and students program with the foreign universities to teach or conduct research.

Promotion of research-funded projects.

Programs in recent emerging technologies

Institutional Challenge

The institution facing challenges in admitting quality students because of so many engineering colleges.
Research grants from funding agencies.
Strengthening the research culture.
Fewer students opted for higher studies.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The college follows the guidelines prescribed by the affiliating University, Anna University. The institution offers five Under Graduate programs and four Post Graduate programs. Thrust on the development of knowledge and skills are provided through various programs in the college in addition to value-added courses and value-based education. The institution strictly follows the curriculum and exam pattern framed by the University. The academic calendar of the institute is planned well in advance and the same is displayed on the notice board for the benefit of the students. The IQAC monitors the implementation of the curriculum effectively. The Choice- Based Credit System is introduced from 2017-18 batch students, while the multidisciplinary approach is being followed in higher level semester classes. The departmental meetings are being held to discuss the implementation of the course curriculum. The question bank has been prepared by all the departments and it is useful for examination purposes. In the college, the conventional chalk and talk method is combined with ICT teaching pedagogy. Assignments, student seminars, project work, internship programs, field visits, industry visits and invited lectures from industry and research institutions are organized for student-centered learning methods. The outcome-based education initiated is supported by PEOs, POs, PSOs, and COs. POs are chosen for the students to validate the syllabus and inculcate knowledge and employability skills. Every year, in order to instill moral and ethical values, the Institute organizes Women's day, Teachers day, Pongal and Onam Festival's, Independence and Republic day celebrations, Blood donation Camps, Sports Meet and Cultural Festivals. The institute has organized various awareness camps to enrich students of co-curricular developments. Feedback from students and other stakeholders on the curriculum is collected. Faculty members are often sent to attend the FDP, Seminars, Conferences, workshops, and training programs organized by other Institutions/Universities. The institute provides all infrastructures, teaching aids, computer labs, LCD projectors, etc. in order to ensure effective implementation and to adopt the best teaching practices in the classes. The institution has integrated cross-cutting issues relevant to Gender, Environment and Sustainability, Human Values, and Professional Ethics for the Curriculum.

Teaching-learning and Evaluation

The institution follows the rules of the state government and Anna University for admissions in UG and PG programs. The institution admitted students from diversified domicile and an average of 78% of students admitted from reserved category during the last five years following the reservation policy of the state government. The RVSCET is well aware of student diversity and is equally concerned about the students' learning outcomes. The teaching-learning process is effectively implemented with contemporary pedagogy methodologies by 76 full-time faculty members which consist of 32 doctorates, with the student-faculty ratio of 1:12. The RVSCET provides an environment for making the teaching-learning process effective and enjoyable, focusing on students learning outcomes, and involving students as partners. With the accessibility of a huge number of online courses through the NPTEL/SWAYAM portal Students and are encouraged to learn the most recent advancements in their area of interest. To ensure the quality of teaching-learning, the institute practices outcome-based education. The institution has a full-fledged system for planning, conducting, and evaluating

internal assessments. The institute's Controller of Examinations (COE) is mandated to look after the activities related to internal and external examinations. The institution through its IEGRC addresses the examination-related grievances of students in a transparent and time-bound manner. The attainment of COs is measured through various assessments. The assessment tools and processes used for measuring the attainment of each of the Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) are also well defined. Based on the CO-PO-PSO mappings, curricular gaps are identified and content beyond the syllabus, value-added courses, workshops are organized to bridge the gaps. Hence forth through these academic cycles, progressively and the success rate is accomplished.

Research, Innovations and Extension

The Institute encourages the faculty and students to submit project proposals and publish research articles in journals and conferences of high repute. In addition to that, the Institute also supports carrying out consultancy projects, collaborative, inter-disciplinary, and inter-departmental research activities. Encouraging and Motivating the faculties and students to discover new Innovations and initiate startups through Innovation and Incubation cell and Entrepreneurship Development Cell.

Our Faculties have applied many research project proposals to various government and non-government agencies

The Institute has well-defined guidelines towards a doctoral degree program, project proposal submission, intellectual property rights, consultancy works, etc. Department of Computer science and Engineering has been recognized as a Research Centre of Anna University in the year 2016. At present many research scholars pursuing

their Ph.D. program under the guidance of our Recognized supervisor.

All the research documents are checked for plagiarism through Urkund, IEEE cross-check, etc. The outcome of this process is evident from many number of publications in various reputed journals, conferences, books/book chapters.

IIC cell organizes various awareness programs such as organizing special lectures, seminars, and Workshops on Intellectual Property Rights for creating awareness in association with various departments.

The extension activities are conducted through the community service cell and NSS to emphasize and sensitize the students to the social issues and community services.

The Institute has signed many numbers of functional MoUs with industries, research organizations, and foreign Universities like UNIVERSITI TEKNOLOGI MARA- Malaysia. Through these MoUs the Institute conducts many collaborative programs such as Industrial Training, internships, Research activities, FDPs, research, and resource sharing.

Infrastructure and Learning Resources

RVS College of Engineering and Technology is known for its excellent infrastructure facilities. The institute is situated on a lush green campus that spans 12.33 acres. The campus has a well-planned infrastructure,

comprising many ICT-enabled classrooms, 2 drawing halls, 42 laboratories, 2 industry-powered centers, 2 seminar halls, and 1 board room. The institute also established 6 smart classrooms and a digital library to enrich the teaching-learning process. The institute established industry-powered centres to train students on emerging technologies such as Texas Instruments and Cloud Security and Research Lab. In addition, there are facilities for the functioning of the Alumni Association, the Innovation and Entrepreneurship Development Cell, the Intellectual Property Rights Cell, and the Internal Quality Assurance Cell.

The spacious library houses a diverse collection of 25,126 volumes, apart from subscriptions to leading national and international periodicals and journals. The library is automated, using the OPAC (Online Public Access Catalogue) facility through AutoLib Library Management Software to search the bibliographical details. The institute has established Remote Access / Static IP enabled library having access to e-journals, e-books, Databases and Knimbus Remote Access from Springer nature Delnet, and NDL. On average 12.00 Lakhs was incurred towards expenditure for the purchase of books and journals during the last five years.

Sports facilities have been established for various indoor, outdoor games and gymnasiums for boys and girls to provide extra-curricular activities. The institute has a yoga and meditation hall for the benefit of students and teachers.

The college has adequate computing facilities with 952 terminals, 24 LCD projectors, 14 Wi-Fi hotspots, and six smart classrooms at prominent locations. The networked systems are set up to allow individual internet access from all computers via 150 Mbps leased lines and a student computer ratio of 1:1.

The infrastructure facility inside the college has been optimally utilised for better academic development.

Student Support and Progression

RVS College of Engineering and Technology provides necessary support in developing and preparing the students with the knowledge, skill and attitude to empower and explore the best in this exceedingly today competitive world. In addition, the Institute provides financial assistance for the meritorious, ward of defense workers and sports performers. Many students are benefited from scholarships and free ships provided by the central and state Government and meritorious scholarships provided by the Institution.

The Institute organizes various student capability enhancement and development programs that include guidance for competitive examinations, career counseling, soft skill development, Language and communication skill development, computing skill, Yoga/meditation, and personal counseling. In addition to that physical fitness centers are established to create health awareness among the students. The Institute organizes cultural and sports programs to enhance leadership skills, teamwork, time-management, resource

management skills, emotional development, social skill development, and overall personality development of the students.

The Institution has a transparent mechanism for timely redressal of student grievances including ragging and sexual harassment cases. The outcome of capability enhancement and development schemes are witnessed from the increase of student placements and enhanced student progression to higher education and also increased students qualifying in-state/national/ international level examinations.

Further, the students also receive awards/medals for their outstanding performance in sports/cultural activities at national/international level competitions. The RVSCET has an active Alumni Association which contributes to academic activities and student support. The outcome of the Alumni Association is witnessed from the guest lectures conducted by our alumni to motivate the students and to share knowledge and experience to improve the skills of the stakeholders.

Governance, Leadership and Management

RVS College of Engineering and Technology, Coimbatore, shall maintain and continually improve the quality of educational service, process and campus environment for ensuring holistic development of students and customer satisfaction.

The Management of the Institution has a long-term vision in Academics & Administration, which are formulated in the vision and mission of RVS CET, Coimbatore. The vision and mission of the Institution are achieved through good governance, able leadership, and effective management. The Chairman has constituted the Governing Council for formulating the plans and procedures to achieve the Vision of the Institution. The five-year perspective plans are executed to achieve the Vision of the Institution. The Institution has adopted strategies to execute the perspective plan for holistic development. The Institution follows decentralization and participative management of its academic and administrative activities at all levels. It ensures transparency and timely follow-up actions in both academic and administrative activities. The decision-making and accountability are visible and reflected in day to day function of the Institution.

A well-defined appraisal system is in place to evaluate, analyze, and helps to improve the performances of the teaching faculty members and non-teaching staff. Faculty appraisal system, feedback from students, selfappraisal, Head of the Department have collected annually and analyzed by HoD, IQAC Director, and the Principal. Suggestions are given to improve their performance. The Institution encourages individual faculty to involve themselves in research work, Projects, Workshops, and Seminars to upgrade. All the teaching, the nonteaching

staff members are also deputed to various training programs to enhance their potentiality.

Institutional Values and Best Practices

The Institute has appropriate cells and predefined mechanisms to meet the emerging challenges and overcome the issues related to gender equity, environmental sustainability, professional ethics, harmony towards others, etc. The Institute conducts a gender equity promotion program through Women Empowerment Cell that

includes protection from sexual harassment and the right to work with dignity. Institution celebrates/organizes national and international commemorative days, events, and festivals like Independence day, Republic day, Teacher's day, Yoga Day, and Engineer's day every year. Though every year these days are celebrated with a spirit of nationalism with festive mood, due to the corona pandemic the above-mentioned days were observed following Covid 19 regulations.

The Institution's social responsibility is shown by making participation in NSS/YRC mandatory. Through these organizations, voter awareness programs, blood donation camps, various health camps, and socially relevant activities have been undertaken by faculty members and student volunteers for the local community in the nearby areas.

Renewable energy measures such as the use of solar panels and biogas plants are installed in the institute. Rainwater harvesting is implemented with a strong desire to conserve water.

The best practice mentioned are Enhancement of teaching-learning methods with modern teaching aids and Skill Based Training

The Enhancement of teaching-learning methods with modern teaching aids has made a qualitative difference in academic performance and instilled self-confidence. This practise ensures that education reaches every student with various levels of understanding. Implementing this kind of classroom education improves teacher-student interaction and collaboration. The faculty members can engage in classes effectively because of all teaching materials such as presentations, lecture videos, animations, tutorials, notes, and question bank with answers prepared at the initial stage of the semester . Effective Skill Based Training is another best practice adopted in the institution. The multifaceted and much disciplinary learning experience gives them a strong sense of confidence in handling challenging situations. Skill based training has provided them an opportunity to set themselves placed through campus and off campus opportunities. Students have developed multiple skills through the field experiences / Practical training/ Internships are able to apply theoretical knowledge in practical situations.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	RVS COLLEGE OF ENGINEERING AND TECHNOLOGY
Address	Kumarankottam, Kananmpalaym (Tak), Sulur,Coimbatore -641402
City	Coimbatore
State	Tamil Nadu
Pin	641401
Website	www.rvscet.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Rajendran P	0422-2687877	9843232403	0422-2688077	rajenmce@yahoo.co.in
IQAC / CIQA coordinator	Shanmuga Vadivu N	422-2687877	9952565713	0422-2688077	shanmugavadivun@gmail.com

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	

State	University name	Document
Tamil Nadu	Anna University	View Document

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC	10-07-2015	View Document
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	03-07-2022	12	

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

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Kumarankottam, Kananmpalaym (Tak), Sulur,Coimbatore -641402	Rural	12.33	43265

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Computer Science And Engineering	48	HSC	English	60	60
UG	BE,Electronics And Communication Engineering	48	HSC	English	60	63
UG	BE,Electrical And Electronics Engineering	48	HSC	English	30	31
UG	BE,Mechanical Engineering	48	HSC	English	30	26
UG	BE,Petrochemical Engineering	48	HSC	English	60	30
UG	BTech,Artificial Intelligence And Data Science	48	HSC	English	60	60
PG	ME,Computer Science And Engineering	24	BE	English	18	3
PG	ME,Communication Systems	24	BE	English	14	4
PG	ME,Thermal Engineering	24	BE	English	18	3
PG	ME,Embedded System Technologies	24	BE	English	18	2

Doctoral (Ph.D)	PhD or DPhil, Computer Science And Engineering	72	ME	English	8	1
Doctoral (Ph.D)	PhD or DPhil, Electrical Engineering	72	ME	English	8	1

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	10				6				54			
Recruited	8	2	0	10	4	2	0	6	30	24	0	54
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				18
Recruited	14	4	0	18
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				16
Recruited	13	3	0	16
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/ LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	8	2	0	4	2	0	11	6	0	33
M.Phil.	0	0	0	0	0	0	0	2	0	2
PG	0	0	0	0	0	0	19	16	0	35
UG	0	0	0	0	0	0	0	0	0	0

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

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

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

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	197	6	0	0	203
	Female	64	3	0	0	67
	Others	0	0	0	0	0
PG	Male	5	0	0	0	5
	Female	7	0	0	0	7
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	1	0	0	0	1
	Female	1	0	0	0	1
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	84	18	21	106
	Female	26	11	3	45
	Others	0	0	0	0
ST	Male	2	1	1	2
	Female	2	0	0	1
	Others	0	0	0	0
OBC	Male	102	55	63	79
	Female	29	10	8	25
	Others	0	0	0	0
General	Male	18	10	21	34
	Female	1	3	2	6
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		264	108	119	298

Institutional preparedness for NEP

<p>1. Multidisciplinary/interdisciplinary:</p>	<p>The institution is affiliated with Anna University and offers B.E. and M.E. degree programmes. The institution prepares the academic calendar for each semester and the courses are allotted to teachers based on their interests and expertise. Prior to the commencement of classes, individual lessons are prepared by the teachers and approved by the HoD. • All the courses in the programmes follow Choice Based Credit System (CBCS) pattern with specific credits. The courses are categorized as professional core, professional electives, engineering sciences, basic sciences, humanities and social sciences and employability enhancement courses. In addition, value-added courses, certificate courses, add-on</p>
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	<p>courses, workshop, seminar, workshop are organized to enable an interdisciplinary approach and to meet out the growing needs of the global market. • All the programmes have an open elective course in which the students of a particular programme are exposed to multidisciplinary education by choosing a course in different streams. • As per the Anna university regulations, mini-projects, Projects, Field visits, Inplant training and Internships are incorporated for experiential learning. • Being an affiliated institution, the institution follows the norms given by Anna University for entry-level qualifications required and the duration of the programme. Also, the institution is limited for enabling multiple entry and exits, as the norms are decided by Anna University.</p>
<p>2. Academic bank of credits (ABC):</p>	<p>RVS College of Engineering and Technology the Institution follows the procedures structured by the affiliating University. Being an affiliated institution, the institution will not be able to implement the Academic and bank of Credits (ABC) system. However, • For seamless collaboration and internationalization of education, the institution takes special efforts for the students through a Memorandum of Understanding (MoU) with industries and academic institutions worldwide. Presently, the institution has many functional MoUs with different industries and academic institutions and several collaborative activities are in progress. Besides, for joint degrees between Indian and foreign institutions and credit transfer, the institution will not be able to implement the same since it is an affiliated institution. • Faculty members are encouraged to offer valuable suggestions in curriculum design and development to the affiliating University in different ways. • The faculty members are always motivated to try new strategies to implement pedagogical approaches using smart boards. They shared additional materials to the students through Google classroom, Zoom meet and WhatsApp. Regarding internal and external assessments, the assessment criteria prescribed by the affiliating University have been strictly adhered to.</p>
<p>3. Skill development:</p>	<p>Soft skill-based programmes are comprehended along with the programme for students. Soft skill enhancement is done by conducting special training programmes from the first year onwards. • Besides teaching the curriculum, the institution takes various</p>

	<p>initiatives to offer value-based education. • For the holistic development of students the institution conducts various events such as Republic Day, Independence Day, Engineers day, Women's day, Voter's Day, Environment Day, Pongal day, Christmas day and many other important days/events of national importance which are celebrated to promote national integration. • Value education-related courses, namely, professional ethics, environmental science and engineering, principles of management, and total quality management, are included in the curriculum, which supports promoting humanistic, ethical, and universal values. • The institution has various functional clubs. Students are encouraged to attend the programmes, which are organized by clubs, societies and cells. Life skill programmes like Yoga, Meditation, Women's Safety, Health and Hygiene, awareness, fire safety, tree plantation, etc., are organized through their corresponding clubs.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>As an affiliated college, our Institution follows the instruction given by the University. The College adopts the English language as the medium of instruction as per university norms. Students are from various states and also rural parts of Tamilnadu. Since its inception, the college has been promoting the culture and heritage of other than Tamilnadu. The college has been encouraging the students to participate in and volunteer at the events. Being a higher learning institution, the college adopts the English language as the medium of instruction as per the University norms. The Institution has also observed the difficulties faced by students with the use of English for classroom instruction. Taking the socioeconomic, cultural, and linguistic backgrounds of the students into consideration the teachers are also encouraged to go with the bilingual method of teaching. It is also found that the students' receptive skills have enhanced with the bilingual mode of delivery. As most of our students hail from rural backgrounds and for a better understanding of the subjects taught the bilingual method of delivery is encouraged in almost all programs.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>The curriculum and teaching-learning process of the college is focused towards Programme Outcome (POs), Programme Specific Outcome (PSOs) and Course Outcome (COs). These outcomes are</p>

	<p>published on the college website and known to all aspiring students. The Programme Outcomes and Programme Specific Outcomes are communicated to the students during orientation programmes, lesson plans and the Institution's Website. The course outcomes are made known to the students by respective teachers at the beginning of the course. These outcomes are evaluated through CE, internal and external examinations, seminars, and projects. The programme outcomes to a great extent are reflected in the student's progression towards higher studies and placements. The level of achievement of these outcomes is monitored at the various levels by the college council, IQAC, Department, and class community meetings.</p>
6. Distance education/online education:	<p>The College has implemented Learning Management System and Student Management System across all its programs to ensure that not only our students are provided with a completely online teaching-learning environment but the faculty members are delivering all their courses in a completely online format to students from outside the institution. The college is carrying out its teaching-learning process in a blended mode where continuous monitoring and evaluation are done to ensure that faculty can do timely interventions so that students can understand and remove their weaknesses in a time-bound manner. The team is delivering the entire teaching-learning process in an online environment in addition to offline teaching and interaction.</p>

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	<p>Yes, RVS College of Engineering and Technology has formed a club called Electoral Literacy Club (ELC) and ensures its effectively functioning with the complete involvement of our students. Through various activities, the electoral process of registration and voting is familiar among students.</p>
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	<p>RVS College of Engineering and Technology has formed ELC Club with both the faculty and student members as coordinator's, and it has its own representatives. The functions of this club are done through involving student participants in various</p>

	<p>awareness programmes. ELC includes the members as listed below: 1. Chairman : Dr.P.Rajendran 2. Faculty Co-Ordinator's : Prof.L.Gowri Sankar 3. Department staff members Dr.S.Daniel Prof.C.Dhamotharan Dr.A.S.Arun Prasad Prof.N.Srisaravanan Dr.T.Senthilkumar Prof .T.Arunkumar 4. Student representatives from each department which is categorized as a) President : Karolin Sumitha b) Vice-president : R.Lalitkala c) Secretary : ArunKumar d) Joint secretary.: M.J.Abinesh</p>
<p>3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.</p>	<p>The ELC club organize seminars and lecturer class to educate the students to know about their rights and encourage them to practice those rights by participating in the elections. The Club educate the students through Mentors and ensure the outcome . The club also encourages students to take part in outreach programs conducted and show through social responsibilities as this will help develop their skills and confidence. Our students and staff have actively participated such events. Our staff coordinator L.Gowri sankar Assistant Professor / Electronics and Communication Engineering has actively involved the students in various innovative activities to encourage the students to use their voting rights and spread awareness about the importance of voting among the general public.</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	<p>Every year, students are encouraged to do projects in Hardware and Software. Faculty members and students are encouraged to know about Data Analysis that will help to start their research work to Indian election processes. The club ensures knowledge about electronic vote Machine (EVM). ELC with the College NSS team is creating awareness among the public through posters and Participating campaigns as per the direction of local bodies.</p>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<p>The club ensures that the voter identity card for all students and staff members . The club guides the students and faculty members about the protocol for applying for a voter ID card and its follow-ups. It periodically participates and assigns events to create awareness of the importance of voting through various programs like rallies, surveys and conducting seminars.</p>

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
910	788	879	1130	1134

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 147

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.2

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

2021-22	2020-21	2019-20	2018-19	2017-18
76	78	78	88	105

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
228.81	203.07	179.40	210.40	348.30

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

The RVS College of Engineering and Technology being an affiliated institution has adopted the curriculum of Anna University, the parent University. It strictly follows curriculum, examination pattern and minimum of 540 periods per semester.

The following sequential steps are followed:

The institution frames the academic calendar in the very beginning of the academic session based on the academic schedule of the affiliating university.

Assigns courses to the teachers based on the teachers' interest and expertise;

Prepares lesson plan by the course teachers in a structured format and validating at the department level for consistency; uniform distribution of contents throughout the academic period; method of teaching like chalk and duster, use of ICT tools, quizzes and planning of Laboratory Classes by the concerned course teacher.

Discussion on academic activities in Class Committee meeting where course teachers and student representative are members.

Based on the Students' feedback and IQAC's observation, strategy for improvements for the next academic year.

Academic Events: The academic events like Seminars, Workshops, Guest lectures, Conferences, Symposiums are planned by the respective HOD. In addition, the college is resourced with NPTEL videos; value added courses and industrial visits.

The institution has made provision for a separate period for every course in order to provide opportunities for the course teachers to discuss the contemporary developments in the area of interest. This overcomes the time gap required for curriculum changes at university level to include these topics. The students are encouraged to select the elective subjects of their own interest and college offers all elective subjects prescribed by the University.

The documentation of teaching - learning and syllabus coverage is the primary goal to achieve teaching learning process. A log book is provided to every course teacher to document attendance of students and topic of coverage.

Continuous Internal Evaluation: The internal test schedule is prepared by the college exam cell coordinator

based on the schedule provided by the university. The test schedule is mentioned in the calendar of all the departments.

Class Committee Meeting: The class committee meeting is conducted to assess the progress and solve problems experienced by the students in the class room and in the laboratories. The tentative schedule of committee meeting for all the classes is mentioned in the academic calendar.

Tentative Semester Examination: The tentative schedule for semester practical and theory examinations as provided by the university is also specified in the academic calendar.

Co-curricular Activities: The various activities like hourly test, practical examination, viva-voce exam, assignment, project, seminar and group discussion to be conducted by the teachers are indicated in the academic calendar.

Extra-curricular activities: The academic calendar gives particular period to conduct extracurricular and social activities. These schedules are in consistence with activities of NSS or other bodies.

The institution ceremoniously follows the academic schedule and is evident from the completion of syllabus and internal evaluation on time giving students preparative holidays for examination and leaving final year students for higher studies and employment.

File Description	Document
Upload Additional information	View Document

1.2 Academic Flexibility

1.2.1 Number of Add on /Certificate/Value added programs offered during the last five years

Response: 45

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.2.2 Percentage of students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during the last five years

Response: 41.73

1.2.2.1 Number of students enrolled in subject related Certificate/ Add-on/Value added programs year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
863	366	431	196	164

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.3 Curriculum Enrichment

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

Response:

The institution is affiliated to Anna University. Anna University periodically revises the syllabus incorporating changes needed for not only updating course content but also to incorporate the contemporary issues to offer holistic education moulding the students as competent technocrats and responsible citizens as well. The institution adheres these in spirit and practice.

The Anna University curriculum offers an exclusive course like 'Professional Ethics and Human Values' and 'Environmental Science'. As an affiliating College, RVS College of Engineering and Technology, implements these courses covering the entire cross cutting issues mentioned: professional ethics, gender, human values, environment and sustainability. The course teachers take utmost care not only just teaching these matters as curriculum but sensitizing the students on these issues to get an insight 'how does the issue matter in our society'.

Gender Equity: The institute believes on the need of gender equity and providing environment offering equal opportunities to women as that of men. The institute has Women Empowerment Cell (WEC) headed by a senior female teacher along with committed female teachers. The cell is mandated not only to protect the girl students and female staff from discrimination and harassment but also encourage them to participate in curricular, co-curricular and extra – curricular activities inside and outside the campus. The institution has approximately 30% of girl students and so as their proportion among the staff. This is the true reflection of gender equity. The WEC periodically conducts gender sensitization events in the campus.

Environmental Awareness: Environment study is a part of the curriculum of the institution. In addition to students' learning from the curriculum, the students are exposed to real life issues on environment through NSS and extension activities. The institution promotes environmental protection through the tree plantation and other sustainable activities. The students not only learn about the environmental protection and sustainability but also they are involved in creating awareness among the public through environment rallies.

The institutional campus is serene and filled with sprawling lawns, avenue trees, and various species of plants is a testimony of students, teachers and management's concern and initiative for environmental

sustainability. The green coverage functions as carbon sinks besides providing an excellent ambience for enriched learning experience.

Human Values: Beside the syllabus, the institution organizes programs to inculcate the human values in the minds of students. The students and teachers participate in activities like blood donation, and disaster management. Both these activities provide unique experience of happiness in saving lives and they learn to make the difference.

Professional Ethics: Professional ethics in engineering is taught to all students to create awareness in engineering ethics and human values, to instill moral and social values, loyalty, and to appreciate the rights of others. This makes the students sensitized to apply ethics in the society and realise their responsibilities towards society.

File Description	Document
Upload Additional information	View Document

1.3.2 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 55.38

1.3.2.1 Number of students undertaking project work/field work / internships

Response: 504

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.4 Feedback System

1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website (Yes or No)

Response: Yes

File Description	Document
Upload supporting document	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Enrolment percentage

Response: 57.26

2.1.1.1 Number of students admitted year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
264	108	119	298	354

2.1.1.2 Number of sanctioned seats year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
368	368	368	446	446

File Description

Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

2.1.2 Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (Exclusive of supernumerary seats)

Response: 74.59

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

2021-22	2020-21	2019-20	2018-19	2017-18
245	95	94	256	276

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

2021-22	2020-21	2019-20	2018-19	2017-18
239	239	239	289	289

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.2 Student Teacher Ratio

2.2.1 Student – Full time Teacher Ratio (Data for the latest completed academic year)

Response: 11.97

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Response:

The RVSCET provides an environment for making the teaching-learning process effective and enjoyable, focusing on students' learning outcomes, and involving students as partners. The college provides several experimental and virtual learning methods in individual laboratories to analyze the theoretical concepts of subjects through software programmes in each department and also provides participative learning activities to impart the scope and objectives of education to the engineering students. Also, multimedia teaching aids like videos, online materials, NPTEL, and PPTs are incorporated into the day-to-day teaching and learning process to enhance the students' understanding of the subject.

Infrastructure

The students are able to visit industries and participate in innovation challenge competitions, workshops, and seminars. The institution developed a linkage and functions as one of the remote centres of IIT, Bombay, providing students and teachers with a unique opportunity for interaction during workshops and webinars. The association with professional bodies like Computer Society of India (CSI), Institute of Electrical and Electronics Engineers (IEEE), and Institution of Electronics and Telecommunication Engineers (IETE) facilitates students' participation in seminars, webinars, workshops, and hands-on training on recent trends in various streams, enabling the students to stay updated on the latest technological trends.

Experiential learning

Every student is made to have an experiential learning path through each curriculum imparted in theory

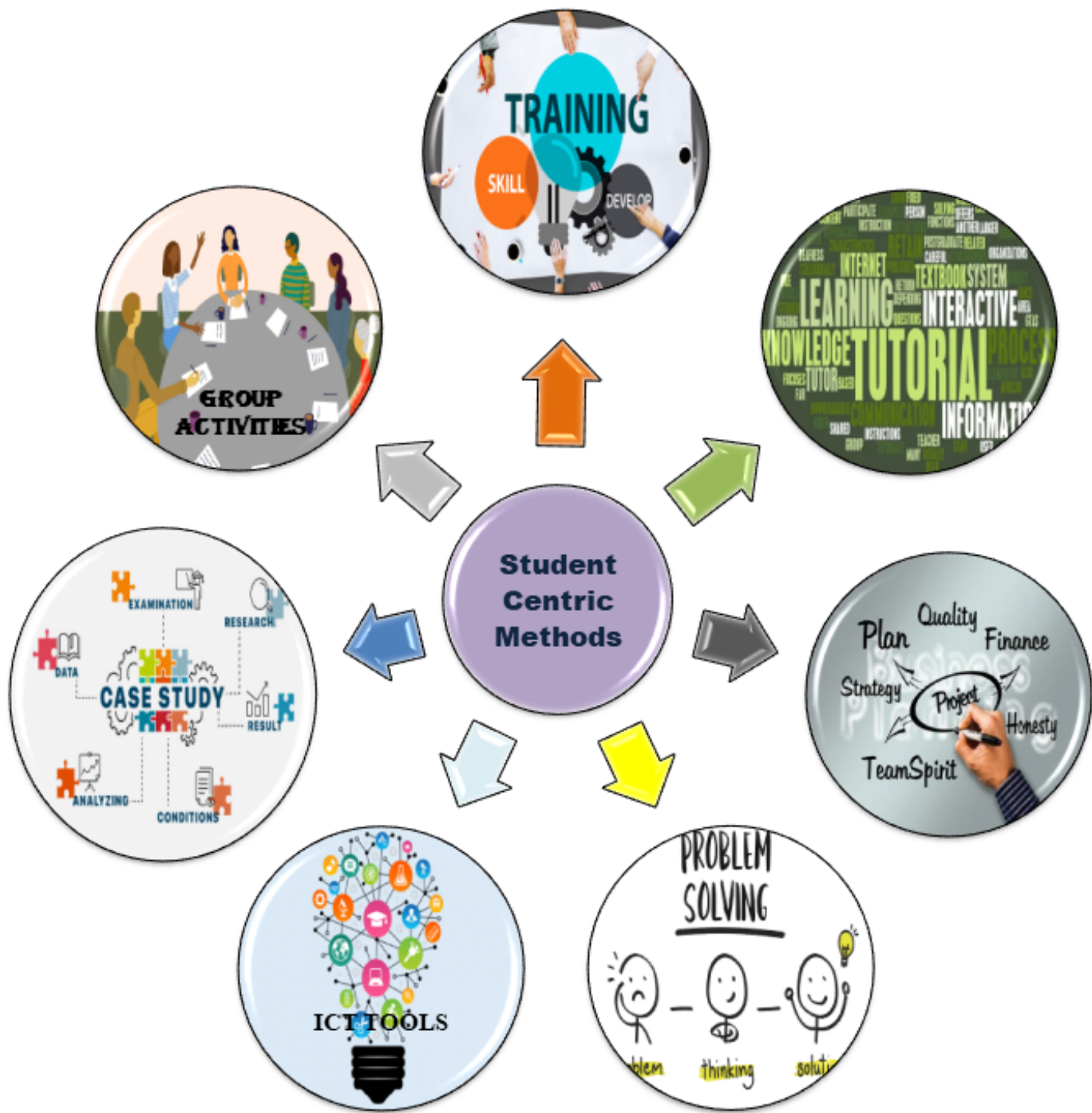
and practical subjects based on Bloom's taxonomy. Students are encouraged to undergo in-plant training, internships, and industrial projects in the relevant field through industry-institute collaboration. Students are encouraged to participate in mini-project competitions, scientific exhibitions, and workshops with hands-on experience. Most of the courses have practical or laboratory components, and students are provided opportunities to improve their learning through performing experiments. Value-added courses and workshops are organized to gain hands-on experience in the latest technologies.

Participative learning

The students are encouraged to organize and participate in workshops, seminars, and conferences through which they can interact with the experts. Student seminars and group discussions are promoted in classroom teaching for enhancing technical knowledge and communication skills, which helps students get placements and pursue higher studies. Students are encouraged to gain knowledge in interdisciplinary subjects through the selection of open electives, seminars, and discussions with experts. Students are engaged as learning partners in the classroom. In addition to academics, to be a socially responsible citizen, our college encourages students to participate in NSS, Blood Donation Camp, club activities etc with equal enthusiasm to develop their overall personalities.

Problem-solving methodologies

Tutorial classes form a part of the course delivery to inculcate problem-solving skills among the students and supplement the regular teaching and learning process. The ability to solve problems is further emphasized by incorporating questions from case studies (Part C) in the internal assessment tests and model exams and solving them. In addition to general aptitude and logical reasoning classes, second and third-year students are offered value-added programmes that improve their problem-solving skills. The students are motivated to participate in model- and design-making, software contests, and PALS workshops like the Residential Student Workshop and Tinkathon Workshop, which offer learning through problem-solving.



File Description	Document
Upload Additional information	View Document

2.4 Teacher Profile and Quality

2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years**Response:** 100**2.4.1.1 Number of Sanctioned posts / required positions for teaching staff/ full time teachers year wise during the last five years:**

2021-22	2020-21	2019-20	2018-19	2017-18
76	78	78	88	105

File Description**Document**

Upload supporting document

[View Document](#)**2.4.2 Percentage of full time teachers with NET/SET/SLET/ Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)****Response:** 24.71**2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
32	19	17	18	19

File Description**Document**

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)**2.5 Evaluation Process and Reforms****2.5.1 Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient****Response:**

The institution has an established mechanism to address the examination related issues raised or faced by the students. The mechanism of redressal is outlined under two headings:

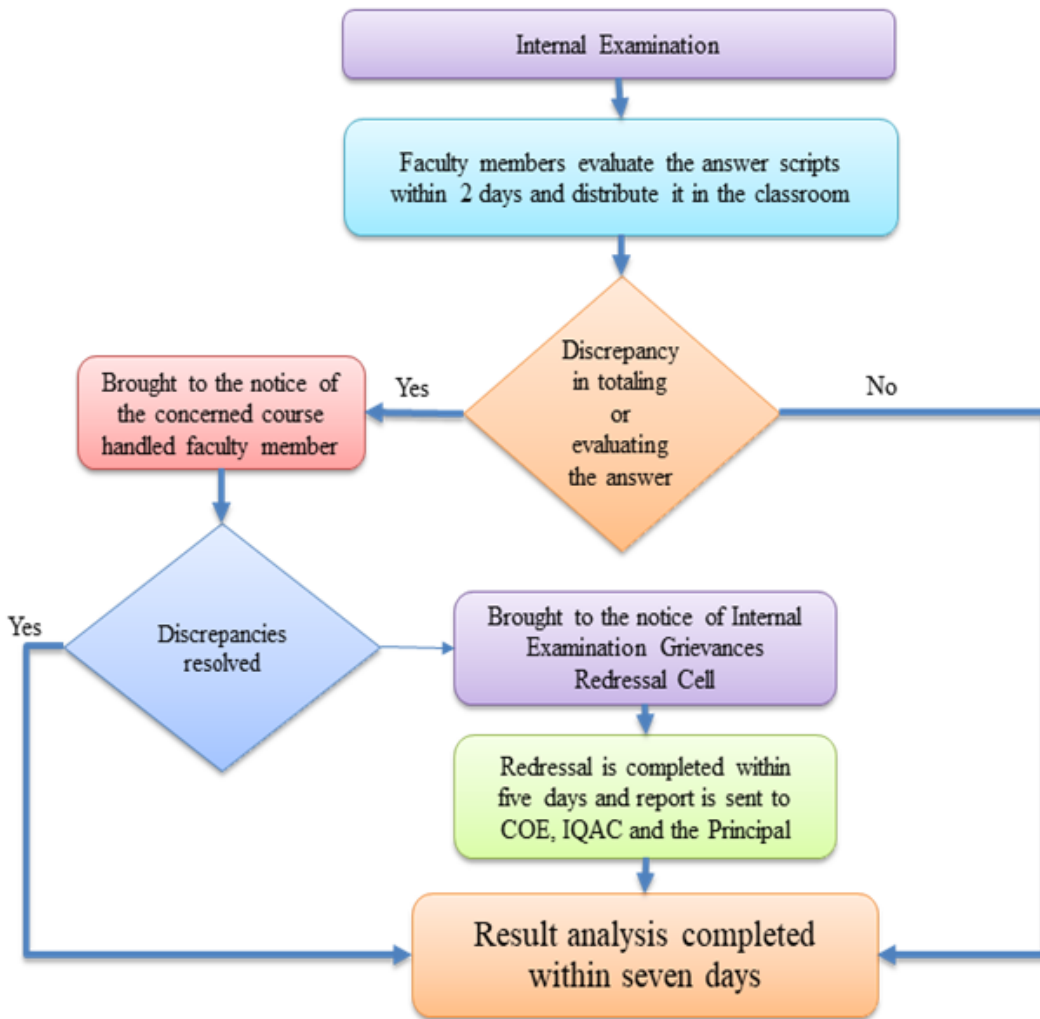
College level:

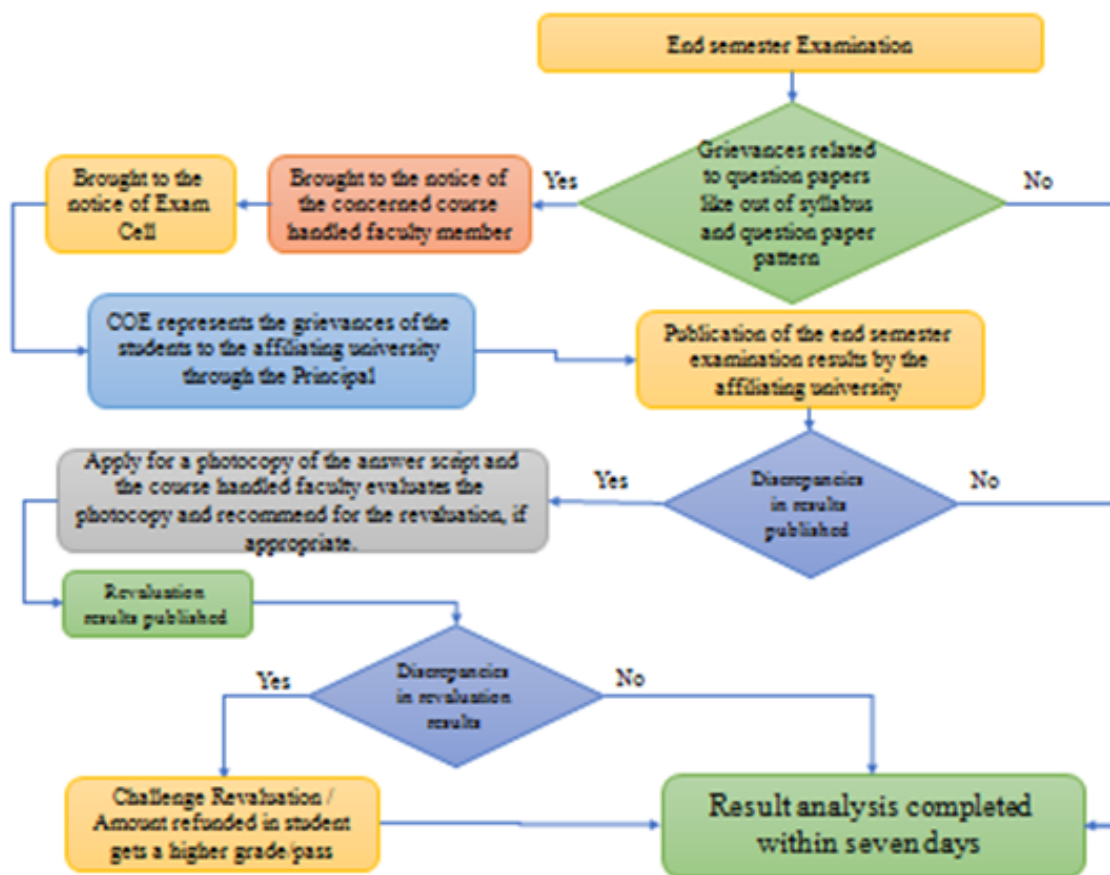
The Institution has established Internal Examination Grievances Redressal Cell (IEGRC) for solving the grievances related to the internal examinations. After completion of the internal tests, the faculty members are asked to evaluate the answer scripts within two days. The scheme of evaluation is discussed in the classroom with the students. The valued answer scripts are distributed among the students and asked them to verify. The students sign on their answer scripts as proof of having verified the marks. If the student finds any discrepancy in totaling or evaluating the answer, it is brought to the notice of the concerned course handling faculty member and it is resolved then and there. If the students are still not satisfied, they can contact the Internal Examination Grievances Redressal Cell and the cell looks into it for appropriate action. The mentor of the student is a part of the mechanism. The process of redressal is completed within five days and the report is sent to COE, IQAC and the Principal for record and further action. The result analysis of the test is done for the student within seven days. After every internal test, the mentors discuss the performance of the internal test with their mentees.

University level:

The Affiliating University, Anna University, has one of the finest and transparent mechanisms to handle examination related grievances. It offers the students photocopies of the valued answer scripts. After the end of semester examination, students express their grievances related to question papers like out of syllabus and question paper pattern to the course handling faculty member. The course teacher in turn brings this issue to the examination cell. The COE represents the grievances of the students to the affiliating university through the Principal. After the publication of the end-semester examination results by the affiliating university, the aggrieved students have the provision for receiving a photocopy of the answer script and applying for revaluation of the answer sheet. The course handles faculty evaluating the photocopy and recommending the revaluation, if appropriate. The application for the revaluation is sent to the university by the COE. The university publishes the revaluation result after completion of the process. The students can apply for challenge revaluation if they have any disagreement with the revaluation result. The amount paid for the challenge revaluation is refunded to the student if the student gets a higher grade/pass. The institution through its IEGRC addresses the internal examination related grievances of students in a transparent and time bound manner. The institution facilitates redressal of university examination related grievances through forwarding their complaints and giving appropriate recommendations.

Internal examination related grievances



External examination related grievances

File Description	Document
Upload Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website and attainment of POs and COs are evaluated

Response:

Learning outcomes form an integral part of the college vision, mission and objectives. Programme Outcomes (PO) and Programme Specific Outcomes (PSO) as defined by the Affiliating University, Anna University, are adopted. The attainment of competency of engineering graduates passing from an educational institution is the primary focus of engineering college. This is achieved through attainment of course outcomes, programme specific outcomes and programme outcomes. Course outcomes statements are defined for every course by considering the course content and expected competencies of the students throughout the course. Programme Outcomes, Programme Specific Outcomes and Course Outcomes are

displayed on the college website and the hardcopy is kept in the HOD office and library.

Course outcomes and CO-PO-PSO mappings are mentioned in the lesson plan by the course handling faculty and the softcopy is circulated to the students. The orientation Program is conducted for first year students and parents to familiarize themselves with the Programme Outcomes and Course Outcomes.

The learning objectives are communicated through various means, such as the Principal's address to students and parents, alumni meetings, and dissemination in the classroom by concerned staff. Alumni are invited to interact with the students and faculty members to share their thoughts and experience on how the various courses helped shape their careers.

Attainment of Course Outcomes:

The attainment of Course Outcomes can be calculated with the help of performance in Internal Test, Model Examination, Assignments, Seminars, Course End Semester University examination and Course Exit Survey.

CO Attainment = 80 % of Direct Assessment + 20% of Indirect Assessment

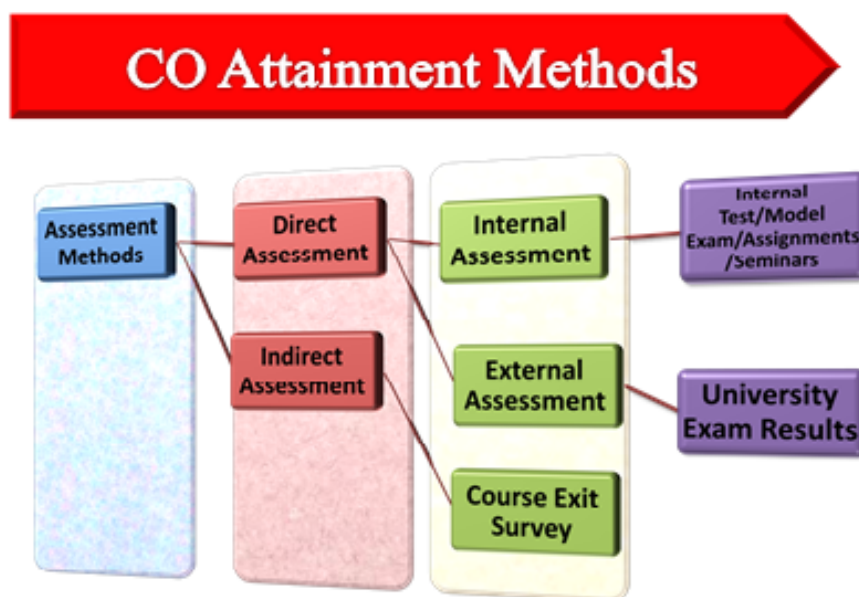
Direct attainment is calculated from the performance of students in internal assessments and external assessments. Internal tests and model examinations are conducted as per the academic calendar and the assignments. Seminars are also given to students. The course outcome target attainment levels are fixed based on the nature of the particular course before the commencement of the course by the course handling faculty and it is reviewed by IQAC. Course exit survey is conducted at the end of every semester. The survey feedback is consolidated and the COs are calculated.

Attainment of Program Outcomes and Program Specific Outcomes:

The assessment tools and processes used for measuring the attainment of each of the Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) are also well defined. POs and PSOs are evaluated by direct and indirect assessment methods.

PO / PSO Attainment = 80 % of Direct Assessment + 20% Indirect Assessment

At the end of every semester, the Course Outcome attainments for all the courses undergone by a particular batch of students will be calculated. At the end of the programme, after all the courses are completed, PO and PSO attainment levels for a particular batch are measured and an exit survey is conducted to get opinions from all the students. The survey feedback is consolidated and the POs and PSOs are calculated. In case the attainment falls short of the target level, the IQAC takes remedial measures to improve it in the next academic year.



File Description	Document
Upload Additional information	View Document

2.6.2 Pass percentage of Students during last five years

Response: 83.07

2.6.2.1 Number of final year students who passed the university examination year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
195	292	198	209	200

2.6.2.2 Number of final year students who appeared for the university examination year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
244	297	243	276	257

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process	
Response: 3.98	
File Description	Document
Upload database of all students on roll	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Response: 25.72

3.1.1.1 Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
12.69	9.5	0.07	3.27	0.19

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Response:

RVS College of Engineering and Technology has created a conducive environment for Research and Innovation through

1. Recruiting Faculties with Research Potentials;
2. Establishing an Excellent Research Infrastructure Facility for the faculty members and students;
3. Encouragement and motivation for taking up innovative research and explore start-ups for which institute has created: Innovation & Incubation cell and Entrepreneurship Cell;
4. Creating awareness and offering assistance to academicians, researchers, entrepreneurs, and innovators to identify, protect and manage Intellectual Property effectively.

Recruiting Faculties with Research Potentials

During requirement, RVS CET recruits meritorious, dynamic, and enterprising young faculty with high research potential through an elaborate selection process that involves careful scrutiny of applications and interview;

Teaching and non-teaching staff are encouraged to pursue higher studies programs to enhance their qualifications.

Promoting Research Activities

Research and Publication Policy

The institute has a well-defined research promotion policy. Young faculties are encouraged to do research in multi-disciplinary and interdisciplinary areas.

The Objectives of Research Policy:

To ensure a high level of efficient and effective support system to facilitate faculty and researchers in their research activities.

To encourage faculties to publish research articles in quality journals, indexed in Scopus/Web of Science and/or with high impact factor Journals.

To nurture researchers to take socially relevant research projects with potential for commercialization.

Establish Research Centre within RVSCET with Potential for Excellence.

Research infrastructure

1. Recognized Research Centre

Department of Computer Science and Engineering has been recognized as a Research Centre of Anna University in the year 2016. At present 10 research scholars are pursuing their Ph.D. program under the guidance of our recognized supervisors and 3 faculty members have been awarded the Ph.D. degrees.

2. Laboratory Infrastructure.

Research infrastructure has been created: through external funding sources -National Cyber Safety and Security Standards (NCSS); and also through internal funding.

3. Research Projects.

Our Faculties have submitted more research project proposals to various government and nongovernment agencies like CSIR, IIT, ICSSR, TANSOST, and DST for funding. In those proposals, we have received many research projects from the above-mentioned agencies.

4. Project Demo Lab.

Project Demo Lab has been established to exhibit the student projects to showcase their Innovations.

Through this laboratory, students can share their knowledge with each other. It enhances the students' exposure to multi-disciplinary areas.

5. NSS-Extension Activity.

RVS College of Engineering and Technology, NSS Unit organized many social relevant extension activities to inculcate a sense of social responsibility and humanitarian values amongst the students by connecting them to the neighbouring community.

Innovation & Incubation Cell (IIC)

IIC organizes various awareness programs such as organizing special lectures, seminars, and workshops on Intellectual Property Rights for creating awareness and giving insights on various aspects of IPR.

IIC conducts a competition for students in association with MHRD. Every year this cell organizes an internal Hackathon to spot institutional talents for further nurturing to participate in National level competitions like Smart India Hackathon.

Entrepreneurship Development Cell (EDC)

The ED Cell by its various activities also guide and assist future entrepreneurs on various aspects such as preparing project reports, obtaining project approvals, loans and facilities from agencies of support system, information on technologies, etc.

File Description	Document
Upload Additional information	View Document

3.2.2 Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 40

3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
14	16	4	3	3

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards

3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 0.39

3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
14	13	14	11	06

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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

Response: 0.25

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

2021-22	2020-21	2019-20	2018-19	2017-18
21	09	03	01	03

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.4 Extension Activities

3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.

Response:

RVS College of Engineering and Technology, NSS Unit organized many social relevant extension activities to inculcate a sense of social responsibility and humanitarian values amongst the students by connecting them to the neighboring community. Our RVSCET NSS Unit has received many complements and appreciation for their active involving to solve the issues around the society. and also got recognitions from various NGOs, trusts, foundations and also sulur municipality and the Coimbatore corporation for organizing various activities to create a holistic environment for the public to aware of their responsibilities towards the society at large. RVSCET has adopted five villages through UBA. They are

1.Naagar Uthu First settlement 2.Thammampathi 3.Naagar Uthu Second Settlement 4. Old Charkarrpathi 5.Kallankuthuand also adopted few villages through NSS(1.Peedampalli,2.Pattanam,3.kannampalayam,4.Thoguttipalayam,5.Varapalayam etc.,)

Awareness program on Blood donation, Blood donation camp at sulur was organized to make the students and the public to understand the responsibility of human to save the life of others and also got the appreciation from the doctors in the hospitals and the social workers. Awareness programme on Dengue prevention also was organized to help follow the healthy environment to avoid the water logging which will be the reservoir for the mosquito. RVSCET took an initiative to help the neighboring society by addressing the issues on Environment and the social awareness programme related to health issues for social empowerment. AIDs awareness programme was organized to create the cause and the remedy of the AIDs.

The NSS Unit of RVSCET has been appreciated for assisting traffic police at Sulur by organizing the event to brief the public and the students to aware about the road safety rules to be followed to avoid the road accident. The college distributed cloth bags to the public in the neighboring areas and the students were instructed to ban the usage of plastic bags as well as products that contain plastic in any form in connection to the manjapai event initiated by our Chief Minister.

Our NSS Unit students participated in the initiative with enthusiasm and planted different saplings. The aim of the programme is to “to plant saplings in order to regain and restore the last green cover of the earth to fight back global warming and climate change and to make the earth a better place to live in for the future years to come

Health and hygienic awareness programme as organized for the tribal school students to inculcate knowledge and spread awareness about healthy life style as health and hygienic is a state of complete harmony of mind, body and spirit. If you have health, you can have all the happiness in the world. In this

modern world we have time to think and pave a way to lead a healthy and hygienic life.

We kept a donation desk in the front of the college and received a lot of donation from students of our college, many faculty and students donated the new cloths. We distributed these cloths to the needy school students to have the beautiful life.

File Description	Document
Upload Additional information	View Document

3.4.2 Awards and recognitions received for extension activities from government / government recognised bodies

Response:

RVS College of Engineering and Technology has received many appreciation and recognitions apart from its academic achievements. The NSS team of RVSCET has planned and implemented numerous social awareness activities through students as extension activities in the effort of creating a holistic environment for the benefits of the nearby community. The NSS Team of RVSCET has been recognized for its societal relevant activities In due focus to bring the student community together to interact on the issues towards the welfare of the society. This was made to happen and appreciation been received from various sectors by the acknowledgement of trust and foundations, such as One Tree Per Week (OTPW), Shanthi social service, lion club, PonmalaiAndavarTrust, Coimbatore cultural academy, Indian Association for the blind and various Government primary schools.

The NSS team of RVSCET was recognized by P.Kandasamy, MLA 116, member of Legislative Assembly, Sulur constituency, Coimbatore for rendering helping hands to construct compound walls at the Government School, Nagamanaikenpalayam. Painting of furniture, walls and cleaning premises in the village areas were also been a part of RVSCET –NSS. These activities were done at different schools and the neighborhood villages at Government Primary Union School, Varapalayam village and Pattanam. The activity was extended to the tribal school at Tambbampathi tribal area as a special visit to encourage the little school children. As an extended activity towards cleaning up of Ponmalai Andavar Temple at Kodayampalayam has been appreciated by PonmalaiAndavar Trust .It was indeed an initiative to attract the devotees and safeguard the historical places. Massive tree plantation and weeding of tree saplings at Nagamanaikenpalayam was also recognized by OPTW (one Tree Per Week) Trust.

We have also contributed to create the importance of education towards the common public. As spreading the value of humanity and teaching the basic ethics to our young technocrats we took a step forward to help the school children by donating new clothes to the tribal area community. These awards and recognitions received from different NGOs and the trust motivated our NSS volunteers and made them involved in creating a positive environment.

File Description	Document
Upload Additional information	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years

Response: 64

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

2021-22	2020-21	2019-20	2018-19	2017-18
34	14	7	6	3

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.5 Collaboration

3.5.1 Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 154

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution

Response:

The policy of the institution is to provide good infrastructural facilities for an effective teaching and learning process, which would ensure achieving academic excellence. The campus has a positive and conducive environment for learning with its lush greenery and peaceful atmosphere. The institution has built facilities like well-lit and ventilated classrooms with LCD projectors. The laboratories are large and well-equipped with useful equipment and instruments.

The institution has a spacious library with adequate seating capacity, a good collection of books, and a separate reference section. The library is fully computerized and automated with AutoLib software. Adequate space is available and allotted for the functioning of the placement cell, exam cell, research and development cell, and career guidance cell.

The institution has 952 computer terminals to inculcate constructive aptitude, computing skills, curriculum, and administrative and research needs. The institute has a separate computer centre with internet browsing facilities and a high-speed broadband connection with 150 MBPS speed. In addition, there are facilities for the functioning of the Alumni Association, the Innovation and Entrepreneurship Development Cell, the Intellectual Property Rights Cell, and the Internal Quality Assurance Cell.

An air-conditioned hall with a seating capacity of 450 is available for conducting conferences, seminars, and workshops; and a hall with a seating capacity of 30 is also available for conducting smaller meetings. The institution has two seminar halls with LCD projectors, a public addressing system, and Wi-Fi connectivity. Apart from the common seminar hall, every department has a separate technology enabled hall. In order to conduct cultural and extracurricular activities, an auditorium with a seating capacity of 1200 is available on the campus.

The institute organises many competitions like dance, song, writing, debate, rangoli, etc. Separate green room facilities for boys and girls for the preparation of cultural events are in place. The institution has one big auditorium with a seating capacity of 1200 for social gatherings like celebrations. An air-conditioned seminar hall with a seating capacity of 450 is available to conduct various cultural programs.

The institute has 8.33 acres of playground area that was established in 2008 for outdoor games like football, cricket, basketball, and volleyball. The facilities are good enough to hold bigger events like intercollegiate, state-level, and national level competitions. The institution provides its playground for organising events at other universities as well.

The institution has separate 278 square-meter facilities for indoor games like badminton, table tennis, carom, and chess.

The institution has well equipped separate gymnasiums for boys and girls that were established in 2014. The facilities available in gymnasiums are parallel and horizontal bars. The boys gymnasium has a built-up

area of 204 square metres and has the following equipment: a motorized treadmill, a spin bike, etc. A gymnasium instructor is available for students and staff.

The institute has a yoga and meditation hall for the benefit of students and teachers. The hall has the required yoga mats and audio facilities. The in-house programmes are organized to promote physical, mental, and spiritual wellness.

File Description	Document
Upload Additional information	View Document

4.1.2 Percentage of expenditure, excluding salary for infrastructure augmentation during last five years (INR in Lakhs)

Response: 31.19

4.1.2.1 Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
63.51	4.52	42.66	51.83	202.39

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS), subscription to e-resources, amount spent on purchase of books, journals and per day usage of library

Response:

The AutoLib Integrated Library Management System (ILMS) is the fully automated version, which was established in 2013 and has been updated with the new version, namely AutoLib V2023.01.

ABOUT INTEGRATED LIBRARY MANAGEMENT SYSTEM (ILMS)

The main aim of the RVS CET Central Library is to provide access to proper information to the right users in the shortest time possible. The institution has an automated central library and a library at departmental level. The Central Library is auto-managed by AutoLib Library Management Software Version 2023.01.

The integrated operations enable the institution to manage the library automatically and efficiently. It considerably enhances the reference, borrowing, and return of books for the users. It saves a lot of time and energy for the librarian as well as the users. The AutoLib software updates records, ensures dynamic reporting, and provides oversight capabilities. This facility improves the issuing and return of books and facilitates user-related access.

The Central Library facilitates remote access of library resources using Internet and intranet to students and faculty.

The institution Central Library has twenty highly configured computer systems. The following library activities are fully automated by using the web based AutoLib Library Management software using Java technologies.

AUTOLIB MODULES AND EDITIONS

- Cataloguing of Resources and Database Maintenance
- Search (OPAC)—Simple Search
- Quick Search
- Advanced Search
- Member Master
- Transactions – [Issue/Return] / Check-out and Check-in
- Report Management
- Admin: Log-in, Global Library borrowing rule set-up, etc.
- Online Stock Verification
- Journal Subscription and Issues Management
- Non-Book
- Clippings
- Cataloguing of E-books
- Bulk Import/Export of Data [Books, Members, etc.] from Excel
- Question Bank
- Book ordering and bill processing
- Article indexing and abstracting
- Binding Management of Library Resources
- Bulk Counter
- User Transactions
- Student Request Services [Book/Journal/Article/Suggestion]
- Book Reviews
- Advanced Report Management and Statistics
- Query Builder and Report Generation
- Google Book Search Integration
- Departmental Library
- Multiple Locations
- Library Android Mobile App
- International OPAC

INNOVATIVE INFORMATION TECHNOLOGY (IT) ENABLED LIBRARY SERVICES

- Alert Service

- Profile Service
- Reminder Service
- E-mail Service
- SMS Service
- Mobile Service
- WhatsApp

AUOLIB ANDROID LIBRARY MOBILE APP

- To access all resources in the library,
- To search, filter, and retrieve desired resources
- Using API to retrieve open-source books and articles
- To keep track of all your transactions,
- To communicate/chat with the librarian
- To give suggestions and feedback.
- To provide remote library service

DIGITAL CONTENT REPOSITORY

- Books: cover and content pages
- E-books
- Journal Articles
- Journal issue content pages
- Reports
- Thesis
- Questions
- Clippings
- Photos/Audio/Video

MAINTENANCE OF THE LIBRARY

Maintenance of library material involves stacking, shelf arrangement, cleaning, shelving, and stock verification. Dust and dirt that accumulate on shelf items are regularly removed at regular intervals. Binding of documents and damaged books is done as it is essential for the care and repair of documents for their long life.

File Description	Document
Upload Additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Response:

The IT infrastructure is an important facility in any engineering institution; it helps with teaching, learning, and administrative processes. RVSCET has an exclusive IT Management Cell (ITMC) headed by a professor. ITMC, consists of system administrators and network maintenance in-charges, is mandated with the responsibility of managing total IT infrastructure. ITMC periodically initiates upgrades of computers, both hardware and software; the internet; and networking facilities. The ITMC develops a maintenance schedule and accordingly takes up the work. In addition, whenever it receives an update or maintenance request from the departments or from the administration, it takes up the work. ITMC team periodically updates RAM size up to 4 GB and existing hard disk in to solid-state storage device (SSD) type hard disks. The institution has appropriate budgetary provision for expansion and updating its IT facilities, including Wi-Fi.

The institution has upgraded its broadband connection from 75 MBPS to 150 MBPS. The Wi-Fi facility is available at 14 locations with a range of 100 meters, benefiting students and faculty members on campus. The institution has also upgraded the printers and scanners for the benefit of students and faculty members. The institution added CCTV cameras in the various locations for better monitoring.

The ITMC facilitates the following:

1. Maintenance of computers, internet Wi-Fi networking, and installation of software, as well as maintenance and upgrade of hardware on a regular basis;
2. Maintenance of LCD projectors, printers, and scanners from time to time;
3. Monitoring and periodic updating of the institution's website; and
4. Maintaining ERP software (Insproplus) used for campus management for the purposes of administration, student support, finance accounts, and examination purposes. Regular updates are included in the ERP Insproplus software.

Computer Maintenance

The majority of housekeeping is performed by trained teaching faculty and other IT personnel. Updating the software and hardware is carried out on a regular basis.

Network Maintenance Cell

The trained technical supporting staff is in charge of the network maintenance. In addition, each department has a programmer for system maintenance.

File Description	Document
Upload Additional information	View Document

4.3.2 Student – Computer ratio (Data for the latest completed academic year)

Response: 1.13

4.3.2.1 Number of computers available for students usage during the latest completed academic year:

Response: 802	
File Description	Document
Upload supporting document	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years (INR in Lakhs)

Response: 47.59

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

2021-22	2020-21	2019-20	2018-19	2017-18
90.72	58.18	127.04	144.13	136.71

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Percentage of students benefited by scholarships and freeships provided by the Government and Non-Government agencies during last five years

Response: 78.43

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

2021-22	2020-21	2019-20	2018-19	2017-18
693	618	703	891	892

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.2 Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

Response: A. All of the above

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 53.07

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

2021-22	2020-21	2019-20	2018-19	2017-18
609	522	506	454	478

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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

1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

Response: A. All of the above

File Description	Document
Upload supporting document	View Document

5.2 Student Progression

5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 45.56

5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
158	109	87	142	104

5.2.1.2 Number of outgoing students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
244	297	243	276	257

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.2.2 Percentage of students qualifying in state/national/ international level examinations during the last five years (eg: JAM/CLAT/GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 100

5.2.2.1 Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ Judicial Services/Public Prosecution services/All India Bar Exams/State government examinations) year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
3	1	1	1	0

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

2021-22	2020-21	2019-20	2018-19	2017-18
3	1	1	1	0

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years

Response: 36

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at

national/international level (award for a team event should be counted as one) year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
10	5	11	5	5

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 24.4

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
39	17	29	18	19

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

The Institute has a registered Alumni Association for building strong bond between alumni and present students. The alumni provide support to the students through interaction, financial funding, guidance and placement. The Alumni Association of the Institute is registered in the name RVS College of Engineering and Technology Alumni Association. This was registered under the Tamil Nadu Societies Registration Act, 1975 (Tamil Nadu Act 27 of 1975) with Society No. 148/2014. The office of RVSCETAA is in the premises of RVS College of Engineering and Technology, Kumaran Kottam Campus, Kannampalayam,

Sulur, Coimbatore 641402, Tamil Nadu, India. The mission of the Alumni Association is to foster a mutually beneficial relationship between the Institute and its alumni. Alumni general body meet is planned on fourth quarter of every year.

Objectives of the Alumni association:

To encourage and promote close relations between the Institution and its alumni and among the alumni themselves.

To promote and encourage friendly relations between all members of the alumni body, an interest in the affairs and well-being of the Institution.

To provide and disseminate information regarding their Alma Matter, Faculties and students, to the alumni.

To assist and supporting the efforts of the Institution in obtaining funds for development.

To serve as a forum through which alumni may support and advance the pursuit of academic excellence at the Institution.

To guide and assist alumni who have recently completed their courses to obtain employment and engage in productive pursuits useful to society.

Activities and Contributions:

Alumni are invited for meetings at the college and they interact with students and faculty and express their suggestions on knowledge improvement.

Alumni gave Guest lecturers to the students on current contemporary technological developments and career guiding focuses.

File Description	Document
Upload Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance and leadership is in accordance with vision and mission of the institution and it is visible in various institutional practices such as decentralization and participation in the institutional governance

Response:

The RVSCET has developed Vision and Mission in alignment with the attributes of the affiliating university

Vision: RVS CET, Coimbatore, will strive to be an Institution of National Importance and committed to work towards societal and economic empowerment of the nation through the development of Engineers with technical and managerial skills.

Mission: The RVSCET, Coimbatore, strives to

- Become a center of excellence for engineering education and research with excellent infrastructure and well-qualified faculty.
- Develop and support faculty who are potential scholars and effective educators.
- Empower the students with newer and newer skills through various training Programmes to face the growing challenges of the industry.
- Enhance competitiveness of the students for economic and social developments.

RVSCET, Coimbatore, shall maintain and continually improve the quality of educational service, process and campus environment for ensuring holistic development of students and customer satisfaction.

Nature of Governance:

The Management of the Institution has a long-term vision in Academics & Research which are formulated in the vision and mission.

Perspective plan (2017-2022):

The five year perspective plans have been implemented in an attempt to achieve the Vision and Mission:

1. Continuous curriculum enrichment
2. Encouraging the students and faculties in research activities with industrial collaboration
3. Creating a sense of responsibility towards the society
4. The Institution has adopted various strategies to execute the perspective plan.
 - Suggestions in the form of feedbacks on the current curriculum received from students, alumni, teachers and employers.
 - Based on the curriculum feedback, the Institution has introduced 45 value added courses during the last five years.

RVSCET follows decentralization which leads the faculty member's participation with responsibilities and accountability. The functioning of the examination cell is an example for the practice.

Examination Cell

The Controller of Examination (CoE) is the direct responsible person and participatory committee is in place to support CoE for effective functioning of the examination cell.

- A Professor Cadre with a minimum of 12 years of experience is appointed as a Controller of Examination (CoE).

COE:

- Leads the Examination cell.
- Takes decisions independently and directly reports to the principal
- Authorized person to conduct University theory and practical examination as per the guidelines given by the affiliated university.
- Prepares the time-table, invigilatorslist and hall seating arrangement for the internal tests based on the affiliated university academic schedule.
- Receives two sets of question paper for each subject from the departments and selecting one for conduction of exams
- Formulates a squad duty committee that supervises the conduct of test or exam.
- Conducts internal tests and model examination as per the Institutional calendar.

The Examination Cell coordinator involves :

- The execution of internal mode examination.
- Result analysis report collection from the department and submit the same to the CoE after the completion of every examination.
- Two non-teaching staff members are appointed exclusively for the examination cell for clerical and documentation work.

File Description	Document
Upload Additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of institutional Strategic/ perspective/development plan etc

Response:

The Institution has developed a strategic plan that aims at reaching the milestones for which the action plans that are built upon sub-areas namely Academic Progress, Training and Placement, Research

Activities, Industry Interaction, and Outreach Programmes.

The Institution has a well-structured perspective plan for the development and sustainable growth which are listed below,

- Continuous curriculum enrichment in the Teaching-Learning Process.
- Encouraging the students and faculty members in research activities.
- Enhancing research capacities with industry collaboration.
- Creating a sense of responsibility towards the society through outreach programs.

The above-mentioned perspective plan is implemented effectively in the Institution by the following ways:

- Encourage and motivate the students to do mini-project, internship, paper presentation in technical Symposium and Conferences. Conduct workshops and seminars with industry experts.
- Support the faculty members in their research work.

RVS CET is established and managed by RVS trust which is responsible for nurturing, managing and development of the Institution. The Governing Council is headed by the chairman of RVS Educational Trust, Dr. K. V. Kuppasamy. The Governing Council consists of representatives of management, eminent person in the field of administration, academic and industry. The Principal is the member secretary of the governing council. It consists of a senior professor from the Institution. The Governing Council is responsible for planning, executing, reviewing, modifying the plans and action to achieve the vision and mission. It is mandatory for the administration to seek approval of the plans before the implementation.

There are 5 academic departments directly reporting to the Principal as line management organs. Each department is headed by Departmental Head below whom all faculty members and other staff function. There are 18 other functional bodies and committees. These committees evaluate, monitor and recommend to Institutional Capacity, Review, Design and Education Effectiveness. The committee meets periodically and deliberates on the progress of the academic activities.

Administrative Setup:

There is a separate administrative officer who works under the guidance of the principal to ensure smooth administration. He looks after the accounts too.

In addition, there are four other independent bodies / authorities function under the guidance of the principal such as IQAC, COE, placement officer and physical director.

Service rule, policies and procedures for the Institution are in place and documented. They are made known to all newly recruited staff members through a department meeting and a copy is kept in the department. The softcopy is shared through mail.

1. Recruitment Policies / Procedures:

- Invitations of application (Paper advertisement, through references etc.),
- Preliminary assessment on suitability of the candidates
- Invitation to applicants for a campus visit for the interview;
- Assessment by a committee includes HOD and External expert

- Recommendation submitted to the Management through Principal
- Issuance of appointment order by Chairman of the Institution.

The Institution has a well-structured mechanism for teacher's recruitment, other employee's appointment with policy for appointment and Service rules.

File Description	Document
Upload Additional information	View Document

6.2.2 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: A. All of the above

File Description	Document
Upload supporting document	View Document

6.3 Faculty Empowerment Strategies

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

Response:

RVSCET believes Human resource is the strength of any educational Institution. The Institution has many welfare schemes in place for both teaching and non-teaching staff members.

1. Welfare Measures for Faculty Members

The Institution offers several types of paid leaves to its teachers:

- *Casual Leave*

A faculty member can avail 12 days casual leave in an academic year. Members who have completed one year of service are eligible to avail Casual Leave

- *Medical and Maternity Leave*

The Institution is providing medical leave for the faculty member to take care of their health issue. It also provides maternity leave to Women faculty.

- ***Vacation Leave***

All the teaching faculty members are eligible for 14 days of winter vacation and 21 days of summer vacation.

- ***On Duty Leave (OD)***

The teachers are given 12 days/year OD as a part of encouraging them to participate in other curricular activities viz attending Conferences, Workshops, Paper Presentation, Seminars and FDP. 12 days of additional OD is provided to the faculty members pursuing their PhD.

2. Welfare Measures for Non-Teaching Staff

Non-Teaching staff members can avail Casual Leave, Compensation Leave, Medical Leave, Maternity Leave and Duty leave. They are also benefited with 7 days' vacation in winter and 14 days' vacation in summer.

- **Employee Provident Fund (EPF)**

EPF scheme has been implemented for the non-teaching staff and the Institution contributes the eligible amount as its share to the respective PF account.

- **Bonus**

Non-teaching staff members, maintenance team and security staff are paid bonus during festivals.

3. Promotions Policy

Promotions or salary hike are given to all staff members based on the performance appraisal.

4. Insurance

All the teaching and non-teaching staff members are covered by accident insurance and medical insurance.

Appraisal System for Teaching Faculty Members

The Institution follows a systematic and uniform mechanism for Appraisal. The appraisal of teachers consists of three stages: Self-appraisal, student's feedback and feedback from the HoD.

- ***Self-appraisal***

A self-appraisal form is used to collect the information on all aspects of activities from individual faculty members of all programs annually. Space is provided in the form to highlight their research activities like Journal publication, Book chapter, consultant activities and Industry collaboration activities and university results.

- ***Students' feedback***

Semester wise feedback is obtained from each student through a set of questionnaires concerning the teacher's: classroom delivery, subject knowledge, and other abilities.

- ***HoD's Feedback***

HOD reviews the performance of the individual faculty through the student feedback and self-appraisal which includes class-room delivery, Innovativeness in Teaching, Results achieved, Interaction with industry, Paper publication and presentation, Consultancy, Field reach out activities, Punctuality, Involvement in administrative activities.

Appraisal System for non-teaching staff

The annual appraisal of non-teaching staff is also conducted to assess their performance. The administrative, laboratory and supporting staff' appraisal is usually based on self-development activities like up-gradation of qualification and skills.

The Principal further evaluates the performance of Heads of the various departments annually.

File Description	Document
Upload Additional information	View Document

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

Response: 42.82

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

2021-22	2020-21	2019-20	2018-19	2017-18
66	77	12	21	06

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

Response: 39.2**6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
66	73	31	18	19

6.3.3.2 Number of non-teaching staff year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
32	27	22	22	00

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

6.4 Financial Management and Resource Mobilization**6.4.1 Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)****Response:**

The Institution has a well-placed mechanism for monitoring the income and expenditure of the Institution. The main source of income for the Institution is the fees from the students. The fee includes direct payment from the student, scholarship from government and non-government bodies. The mode-of fees payment is direct and on digital mode.

The expenditure of the Institution is under various heads like salary, administrative expense, infra-structure development, maintenance and departmental activities.

The institution has a transparent mechanism in income generation and expenditure and keeps monitoring through internal and external audit system. The internal audit is carried out periodically in the accounts department of the Institutional office. A team, headed by the Account's manager, verifies the income and expenditure details and generates a report. The same report is submitted to the management of the institution.

The external audit is carried out annually by qualified practicing Chartered Accountant deputed by the Chairman of the Institution as per the government norms. The external audit reviews all income and expenses of the institute. Any query raised during the process of auditing is addressed immediately along with the supporting documents within the stipulated time. The Chartered Account submits the audited report to the Chairman. Based on the audit report and internal review, the administration is advised.

The RVSCET is a self - supportive educational institute with main source of income is the fees from the students. The fee includes direct payment from the student, scholarship from government and non-government bodies. The mode-of fees payment is direct and digital mode.

The Institution has a pre-defined mechanism for managing finance to ensure financial discipline.

The procedure aims for:

- Optimal utilization strictly adhering to the budgeting allocation;
- Realistic budget preparation and submission by the Head of the Department and Administrative Officer;
- Procurement is done centrally and the pool procurement is followed even for the purchase of stationery items; and
- Monitoring of the expense is conducted by the accounts department as per the budget allocation.

The college encourages the teachers to apply for grants and enhance research activities. The students are also encouraged to apply for funding for students project. The grants are received from CSIR, TNSCST, for research activities. These funds are spent based on the guidelines of the funding agency. The fund utilization is also audited.

The institute generates fund from various agencies for conducting co-curricular activities. The utilizations of these funds are audited by the auditors and utilization certificates are submitted to the funding agencies. It shows that most of the departments received student project funds from TNSCST on yearly basis.

File Description	Document
Upload Additional information	View Document

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

The IQAC of the Institution, established in the year 2014, is committed to achieve quality in all aspects of the Institutional activities. It plans strategy based on the need, monitors all activities, and takes remedial

action for improvements.

Two of the best strategies and processes by IQAC as identified:

Implementation of the Mentor-Mentee System

- Main focus is on bringing the closeness between mentor, mentee and parents. A faculty is assigned as a mentor to a group of students in a class.
 - Mentor records the academic and student's profile consists of personal data, attendance, test marks, placement details, co-curricular and extracurricular activities. The success of mentor-mentee system has brought in improving attendance and increased pass percentage etc.
-
- **Implementation of Quality Enhancement System for Improving Performance of Faculty Members through encouragement for attending FDP and other programmes.**

Two of the best initiatives by IQAC

Teaching learning reforms – Introduction of Faculty Enrichment Programmes

IQAC cell encourages the faculty members to attend FDP, STTP, NPTEL, IITM-PALS activities and conference. The Institution supported these initiatives and encouraged the faculty members by contributing a partial amount of the registration fee for the above mentioned programs.

IQAC encourages the faculty members are encouraged to register for NPTEL courses in their relevant field and ensure successful completion.

Just to mention the achievements of faculty members: During the past 5 years, faculty members successfully completed which includes three faculty members received gold and ten numbers received elite certificates as recognition of completing the programme with high score.

The students to register for NPTEL courses and three numbers of students completed & received certificates. With this, the institute's placement record has improved significantly. Some of the students were selected in prominent companies, viz. Infosys, CTS, Wipro, and SPIC.

Teaching learning reforms – Experiential learning

Some of the initiatives taken during the past five years:

- The College has signed MoUs with small and large industries for students' training. The students get direct exposure of the industries where they are likely to be placed.

- The Department of Electrical and Electronic Engineering has inked MoU with the University of Teknologi, MARA, Malaysia for students and faculty exchange.
- The Institution has established a separate Innovation and Incubation Cell for supporting the startups.
- The students were encouraged by IQAC and the faculty members to participate in project competition conducted by various institutions in every academic year.

The above initiatives of the IQAC taken over the past five years have shown increasing improvement in teaching – learning process and quality parameters

File Description	Document
Upload Additional information	View Document

6.5.2 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements
2. Collaborative quality initiatives with other institution(s)/ membership of international networks
3. Participation in NIRF
4. any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA, ISO Certification etc

Response: A. All of the above

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity and Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals during the last five years

Response:

The RVSCET is a coeducation institute and the boys & girls attend the class together. While all the students get equal opportunity without discrimination in all curricular, co-curricular, and extracurricular activities.

Co-Curricular Activities

In Co-Curricular Activities, girls and boys jointly work together at the department and college level. The students actively organize, participate and win prizes in various competitions.

The Institution has a separate functional body, Women Empowerment Cell, headed by a senior female faculty, entrusted to promote gender equity and other welfare measures for girl students and female staff. The cell organizes programs like Health awareness programs, motivational events, and a Women's day celebration.

The Institution has built up separate infrastructures like ladies common room, a daycare center for young children, and a separate GYM for girls. The CCTV camera is installed at strategic points on the campus in 2018. It records the footage and ensures students' safety.

Extracurricular Activities

In extracurricular activities, the girls and boys are encouraged to participate in various activities like Cultural events, NSS, Sports, Training sessions, etc. as per their comfort and passion.

The institution celebrates Independence Day on 15th August every year with the spirit of nationalism. On this occasion, staff and students assemble for flag hoisting. The principal, the head of the institute, usually hoists the National Flag. Several cultural events and competitions are conducted among the students marking the day of independence. The NCC and NSS teams too participate in this event. Republic Day is celebrated every year on 26th January with all enthusiasm to mark the day of adoption of our constitution and recognized India as an independent republic.

Though every year Independence Day and Republic Day are celebrated with a spirit of nationalism with a festive mood, due to the corona pandemic the Independence Day 2020 and Republic Day 2021 were observed following Covid 19 appropriate behavior.

In addition to the two National Festivals mentioned above, the college observes /celebrates other important events/days: Teacher's Day, Engineer's Day, International Yoga Day, and Women's Day. Teacher's Day

is celebrated on 5th September every year to commemorate the birth anniversary of Dr. Sarvepalli Radhakrishnan, Being an Engineering College, Engineer's Day is celebrated every year on 15th September to commemorate the birth anniversary of Bharat Ratna Mokshagundam Visvesvaraya, an engineer per excellence and a great nation builder. The Institution pays tribute to this great son of India.

International Yoga Day is celebrated annually on 21st June raising awareness on the benefits of Yoga, an Indian origin ancient physical, mental, and spiritual practice. The International Woman Day is observed on 8th March every year sensitizing people on the need for equal opportunities for girls and women like boys and men in every sphere of life for a sustainable and peaceful society.

The celebrations or organizing commemorative events are annual features of the college. During COVID – 19, the observance of the days is maintained based government's advisory.

File Description	Document
Upload Additional information	View Document

7.1.2 The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and nondegradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

Response: A. 4 or All of the above

File Description	Document
Upload supporting document	View Document

7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. Green audit / Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion activities

Response: C. Any 2 of the above

File Description	Document
Upload supporting document	View Document

7.1.4 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance

and harmony towards cultural, regional, linguistic, communal socioeconomic diversity and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

The Institution admits students without any discrimination of caste, creed and religion. There is wide diversity among the students: different socio-economic, belong to different geographical regions with different culture and languages, and different faiths. Being co-education institute, there are diversity in gender too. In the midst of these diversities, the institute maintains an environment of tolerance and harmony without any discrimination. It embraces all with equal care and comfort.

The Institution periodically conducts a culture fest named “Rejoice” for both students and faculty members. Eminent personalities are invited to this event to address the students. They get inspired and understand the importance of culture, human values, and ethics. The students perform various cultural events showcasing the diverse nature of our country. The students participate and win prizes in various competitions like singing, cooking without flame, dance (western, folk and classic), rangoli, painting, face painting, sketching, quiz competition, skit, drama and mime. Participation in these events helps the students to know each other’s culture besides developing respect for others.

Most of the students belong to Tamilnadu and Kerala state. The regional festivals of the both the states are celebrated with same spirit and fanfare. The students and teachers participate making the events memorable.

Pongal, harvesting festival of Tamilnadu, is celebrated with great enthusiasm. On that day, the students wear colourful traditional dress and make pongal and relish. Tamil traditional competitions are conducted for all students and teachers. The student volunteers make everyone comfortable and make environment of togetherness. Onam, harvest festival of Kerala, is celebrated every year with full cooperation and participation of all students. All girl students involve themselves for POOKOLAM. The day begins with “Chenda Melam” and girl students perform dance named “Thiruvadrakalli”. Special Kerala dissert food ‘ADAPARATHAMAN’ is served to all. The celebration brings joy and happiness for everyone.

There is no compulsion of any language and the students are free to speak their mother tongue.

Medium of instruction being English, it is the common language. Most of the people understand

Tamil and Malayam. Cultural events are organized in different languages too.

The institution has constituted anti-ragging cell and grievance redressal cell ensuring tolerance

and harmony among the students in the campus. The proactive functioning of these cells has made the institution free of any type of disturbance among the students. Not a single adverse incidence is reported during past five years. The institute has a calm and peaceful campus with practice of universal brotherhood

File Description	Document
Upload Additional information	View Document

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual

Response:

BEST PRACTICES !

Title

Enhancement of teaching-learning methods with modern teaching aids

Objectives of the Practice

To improve (enrich) the Student Centric Learning using modern teaching aids effectively

To enrich the regular classroom teaching with the online lectures from SWAYAM, NPTEL and other MOOCs conducted by various worldwide universities

To use modern teaching aids such as smart boards, projectors, PowerPoint presentations and animated videos for regular classroom teaching in order to enhance Student Centric Learning.

To conduct Value Added Courses to educate the students in cutting edge technology

The Context:

The fundamental ideas of the subject are difficult for students to understand through traditional classroom delivery. So, regular classroom teaching is not sufficient to teach modern technologies to engineering students. The following modern teaching tools are used to enrich the effective teaching-learning process:

Smart Classroom

A smart classroom is a technology-enhanced learning classroom that magnifies the way of teaching and learning digitally. Visual learning using smart technology elements like graphs, images, charts, presentations are highly effective to grasp the subject quicker. Smart Classrooms helps in developing critical thinking and problem-solving skills in students.

LCD projectors

Computers with internet facilities connected to LCD projectors are available for the faculty members to use PowerPoint presentations, NPTEL video lectures, and animations for handling classes which improves the understanding of students

MOOCs

The institution established NPTEL Local Chapter which provides E-learning through online Web and Video courses for various streams. NPTEL videos of 3.5 TB are available for the faculties. Faculty members motivate and help the students to complete the NPTEL, SWAYAM and other MOOCs courses by acting as a Mentor for students. Assignments and tests in MOOCs help in improving critical thinking and problem solving ability of students

Practice

Our institution proposed this ‘Escalation of teaching-learning methods with modern teaching aids’ as one of the best practices. Smart boards, LCD projectors, amplifiers, speakers, Wi-Fi and internet facility in all the departments are established. The faculty members are educated to use these teaching aids effectively. They are advised to prepare their class presentations, animations, and videos and are encouraged to use available good teaching content online to support their teaching. Moreover, faculty members are trained to follow modern teaching techniques to enhance better learning. Faculty members conduct quizzes, demonstrations with modern tools, and case studies effortlessly in day-to-day classes. It greatly enhanced students' learning.

Evidence of Success

This practise ensures that education reaches every student with various levels of understanding. Implementing this kind of classroom education improves teacher-student interaction and collaboration. The

video lectures, animated presentations, recorded video lectures, NPTEL, YouTube lecture videos, and software simulation presentations make classroom teaching interesting for all kind of students which make them understanding the core concept easily.

Problems Encountered and Resources Required

The orientation program is given to faculty members to use the modern tools effectively to deliver the instruction. A technical problem with the touch sensors is also faced in the smart board. Maintenance of this equipment improved its practical usage. Students reside in rural villages suffered from network issues in pandemic period.

BEST PRACTICES 2

Skill Based Training

Objective

The main objective of the institutional skill development programmes are for the holistic development the students to meet the needs of the industry and as an engineering professional. The industry needs engineers with required skill rather more graduates. Apart from learning through regular curriculum delivery, the institution adopts various modes to impart skills through participative. Experiential and experimental modes. Moreover to develop life skills, the institution conducts training programmes for personality development and learning life skills to upgrade their abilities and to use their talents, interests and passions to transform their life.

The context

- The institutions activities are way student centric and it is seen that the training imported beyond the curriculum set by affiliations university
- Communication plays an important role in learning process. Importance is given to develop communication skills from entry level to develop read, speak and write habits.
- Placement well has its own training strategy to acquire skills for employment.
- Robust industry institute relationship helps the students in getting trained by the industry.
- Experts in various fields are helpful in providing knowledge to the students community by participating as resource persons in various skill development programmes.

The practice

- A well designed curriculum by the placement and training all is used for communication training in the first year.
- The institutions provides training in soft services and aptitude through in its own faculty and experts from outside.
- Value added courses with minimum 35 hours are conducted to learn domain specific knowledge.

They are conducted by industry experts from the industry and institution with whom we have signed MoU.

- Value added course (like python, C, C++, HVAC etc.) helps them industry placements.
- Workshops with hands on training evokes enthusiastic response from students to learn skills.
- Internship and industry projects are provided to almost all the students in industry through alumini contact, faculty communication and thrown MoU industries. This helps is skill acquisition and to become more confidents.
- Inplant training and field visits are arranged by the institute to provide them opportunity to learn about their own fields.
- BY encouraging projects with innovative ideas are encouraged through the installation of Innovation and entrepreneurship centre.

Evidence of Success

- The multifaceted and much disciplinary learning experience gives them a strong sense of confidence in handling challenging situations.
- Skill based training has provided them an opportunity to set themselves placed through campus and off campus opportunities.
- Students have developed multiple skills through the field experiences / Practical training/ Internships are able to apply theoretical knowledge in practical situations.

Problem encountered and resources required

- Prevalence of pandemic (Covid) situation have kept the students away from practical learning for about 2 years. Its takes more time and effort to cope up with the lose time.
- Since the curriculum is framed by the affiliating university no flexibility in offering required courses.
- At time Management is a problem since the semester academic schedule is fighter packed

File Description	Document
Best practices as hosted on the Institutional website	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Institutional Social responsibility

RVSCET has been functioning under the RVS Educational Trust whose main motto is to serve the

society. To contribute towards the socio economic development of the society, the college has initiated many activities under institutional social responsibility using its own resources and student community.

This also includes social awareness and values among the students and also to nurture moral and ethical values so as to discharge their obligations towards the society as a citizen of this great nation.

A strong unit of NSS volunteers leads from the front to go to the nearby and far off place to help the society in many ways. It is necessary to create awareness among the rural community regarding Dengue, AIDS, Yoga, Voter Awareness, Plastic free environment, Tobacco free environment, Green and Clean environment etc.

Special importance is given to make them exercise their vote which is the right of every citizen to elect his own government of this democratic India. Students are made to understand the importance of Blood donation and Blood donation camps are arranged to help the people in need at their critical times.

Other activities under taken by the NSS team are school & temple cleaning, white washing the school campus providing some basic infrastructure. As a responsible RVS NSS team the service of the team is appreciable. Their activities included creating awareness about Covid prevention, usage of masks, distributing free mask and providing food to the needy people. Apart they volunteers to help conducting functions (Independence Day & Republic Day) and sports events in the schools and village.

Continuous relationship between a community and the service team will help not only to solve day to day problems but also leads to the development of the whole community with this objective we have adopted the following two villages.

1. Peedampali Village, Coimbatore.

2. Nagamanaikenpalayam Village, Coimbatore.

As a responsible HEI, it is our duty to handhold the student community to grow with confidence

The management is magnanimous to provide material support for some infrastructure developments. The RVSCET has adopted the following schools for continuous association to bring up school students.

1. Government Higher secondary school, Kangayampalyam,

Coimbatore

1. Government Higher secondary school, Sulur, Coimbatore.

The students and faculty of RVSCET are to provide student training.

UBA scheme has been launched by MHRD with the vision to involve HEIs in the development process of rural areas in the country. RVS CET has been permitted to act as a participative institution. RVSCET has

adopted the following tribal settlements and has conducted surveys and conducted many activities. Many areas of co- operation has been identified like basic amenities development, water management etc.

1. Old Charkarpathi (Vettaikaranpudur panchayat, Pollachi Taluk)
2. NaakarUrtru first settlement (Vettaikaranpudur panchayat, Pollachi Taluk)
3. NaakarUrtru second settlement (Vettaikaranpudur panchayat, Pollachi Taluk)
4. Thammampathi (Vettaikaranpudur panchayat, Pollachi Taluk)
5. Kallaagkutthu (Vettaikaranpudur panchayat, Pollachi Taluk)

It is a great service to help an economically weaker child with a desire to study to pursue his higher studies. Our management has a fee waiver policy to help such students. Every year the management provides scholarships to the deserving students.

File Description	Document
Appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

RVS College of Engineering and Technology is at the forefront to provide quality education to create skilled professionals to serve the societal needs of the country. Importance is given to continuous quality improvement by improving the quality of faculty, refining teaching-learning method, creating research facilities in effective industry interaction, and supporting facilities on the campus. A monitoring mechanism is in place to improve the systems.

The Institution has been accredited by NAAC with B++ grade. The institution has obtained ISO 21001:2018 and been subjected to Academic and Administrative Audit (AAA audit) by an external agency. The institution has been selected as a participative institution by MHRD and UBA scheme. The signing of MoU with foreign institutions like the University of MARA and Taylors University of Malaysia for knowledge sharing and training facilitates to creation learning ambiance. Interaction of students and faculty with various industries has been promoted through MoUs. And the Computer Science Department and Electrical and Electronics Engineering are the approved research center under Anna University.

Concluding Remarks :

RVS College of Engineering and Technology under RVS educational trust strives to serve society. We are committed to providing a congenial atmosphere to mould engineers for the future with social responsibility. Close interaction between the students, faculty, and parents augments the well-structured learning methods. Well-defined policies and procedures and facilities have made our institution a destination for excellence.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																														
2.1.1	<p>Enrolment percentage</p> <p>2.1.1.1. Number of students admitted year wise during last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>2.1.1.2. Number of sanctioned seats year wise during last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>368</td> <td>368</td> <td>150</td> <td>446</td> <td>446</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>368</td> <td>368</td> <td>368</td> <td>446</td> <td>446</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18						2021-22	2020-21	2019-20	2018-19	2017-18	368	368	150	446	446	2021-22	2020-21	2019-20	2018-19	2017-18	368	368	368	446	446
2021-22	2020-21	2019-20	2018-19	2017-18																											
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368	368	150	446	446																											
2021-22	2020-21	2019-20	2018-19	2017-18																											
368	368	368	446	446																											
2.1.2	<p>Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (Exclusive of supernumerary seats)</p> <p>2.1.2.1. Number of actual students admitted from the reserved categories year - wise during the last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>2.1.2.2. Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>254</td> <td>254</td> <td>103</td> <td>308</td> <td>308</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>239</td> <td>239</td> <td>239</td> <td>289</td> <td>289</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18						2021-22	2020-21	2019-20	2018-19	2017-18	254	254	103	308	308	2021-22	2020-21	2019-20	2018-19	2017-18	239	239	239	289	289
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254	254	103	308	308																											
2021-22	2020-21	2019-20	2018-19	2017-18																											
239	239	239	289	289																											
2.6.2	<p>Pass percentage of Students during last five years</p> <p>2.6.2.1. Number of final year students who passed the university examination year wise during the last five years Answer before DVV Verification:</p>																														

2021-22	2020-21	2019-20	2018-19	2017-18
195	293	188	209	200

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
195	292	198	209	200

2.6.2.2. Number of final year students who appeared for the university examination year-wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

3.1.1.1. Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
12.69	9.5	0.07	3.27	0.19

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
12.69	9.5	0.07	3.27	0.19

3.2.2 Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

3.2.2.1. Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
14	16	4	3	3

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
14	16	4	3	3

3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during

the last five years

3.3.1.1. Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
14	13	14	11	06

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
14	13	14	11	06

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

3.3.2.1. Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
21	09	03	01	03

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
21	09	03	01	03

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
34	14	7	6	3

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
34	14	7	6	3

3.5.1	<p>Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.</p> <p>Answer before DVV Verification : 164 Answer After DVV Verification :154</p>																				
4.3.2	<p>Student – Computer ratio (Data for the latest completed academic year)</p> <p>4.3.2.1. Number of computers available for students usage during the latest completed academic year:</p> <p>Answer before DVV Verification : 802 Answer after DVV Verification: 802</p>																				
5.1.1	<p>Percentage of students benefited by scholarships and freeships provided by the Government and Non-Government agencies during last five years</p> <p>5.1.1.1. Number of students benefited by scholarships and freeships provided by the Government and Non-Government agencies year wise during last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="308 949 1046 1081"> <tr> <td>2021-22</td> <td>2020-21</td> <td>2019-20</td> <td>2018-19</td> <td>2017-18</td> </tr> <tr> <td>693</td> <td>618</td> <td>703</td> <td>891</td> <td>892</td> </tr> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="308 1162 1046 1294"> <tr> <td>2021-22</td> <td>2020-21</td> <td>2019-20</td> <td>2018-19</td> <td>2017-18</td> </tr> <tr> <td>693</td> <td>618</td> <td>703</td> <td>891</td> <td>892</td> </tr> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	693	618	703	891	892	2021-22	2020-21	2019-20	2018-19	2017-18	693	618	703	891	892
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2021-22	2020-21	2019-20	2018-19	2017-18																	
693	618	703	891	892																	
5.1.4	<p>The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases</p> <ol style="list-style-type: none"> 1. Implementation of guidelines of statutory/regulatory bodies 2. Organisation wide awareness and undertakings on policies with zero tolerance 3. Mechanisms for submission of online/offline students’ grievances 4. Timely redressal of the grievances through appropriate committees <p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: A. All of the above</p>																				
5.3.1	<p>Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years</p> <p>5.3.1.1. <i>Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years</i></p> <p>Answer before DVV Verification:</p>																				

2021-22	2020-21	2019-20	2018-19	2017-18
10	5	11	5	5

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
10	5	11	5	5

5.3.2 **Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)**

5.3.2.1. Number of sports and cultural programs in which students of the Institution participated year wise during last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
39	17	29	18	19

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
39	17	29	18	19

6.3.3 **Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years**

6.3.3.1. Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
98	100	53	40	19

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
66	73	31	18	19

6.3.3.2. Number of non-teaching staff year wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
32	27	26	22	20

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
32	27	22	22	00

Remark : DVV has updated the data as per the documents provided by the HEI

7.1.3 **Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following**

1. **Green audit / Environment audit**
2. **Energy audit**
3. **Clean and green campus initiatives**
4. **Beyond the campus environmental promotion activities**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: C. Any 2 of the above

2.Extended Profile Deviations

ID	Extended Questions																				
1.1	<p>Number of teaching staff / full time teachers during the last five years (Without repeat count): Answer before DVV Verification : 147 Answer after DVV Verification : 147</p>																				
1.2	<p>Number of teaching staff / full time teachers year wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>76</td> <td>78</td> <td>78</td> <td>88</td> <td>105</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>76</td> <td>78</td> <td>78</td> <td>88</td> <td>105</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	76	78	78	88	105	2021-22	2020-21	2019-20	2018-19	2017-18	76	78	78	88	105
2021-22	2020-21	2019-20	2018-19	2017-18																	
76	78	78	88	105																	
2021-22	2020-21	2019-20	2018-19	2017-18																	
76	78	78	88	105																	
2.1	<p>Expenditure excluding salary component year wise during the last five years (INR in lakhs)</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>228.81</td> <td>203.07</td> <td>179.40</td> <td>210.40</td> <td>348.30</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>228.81</td> <td>203.07</td> <td>179.40</td> <td>210.40</td> <td>348.30</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	228.81	203.07	179.40	210.40	348.30	2021-22	2020-21	2019-20	2018-19	2017-18	228.81	203.07	179.40	210.40	348.30
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