



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

V V COLLEGE OF SCIENCE AND TECHNOLOGY

V .V. COLLEGE OF SCIENCE AND TECHNOLOGY CHULLIMADA, KANJIKODE

678621

www.vvcollege.co.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Established in **2002**, VV College of Science & Technology, Chullimada, Kanjikode is a PG college affiliated with the University of Calicut. It is a backward community institution governed and managed by the **VV E & E Trust** Trivandrum. The college is situated in the educationally and socially backward region of Palakkad.

- VV E&E Trust offers a variety of incentives for promoting higher education for members of the VanikaVaisya community. A unique feature in respect of VVE&E Trust Colleges is there is no donation for admission and also offers Fee concession and Scholarship for the students of VanikaVaisya Community and the students from economically and socially weaker section.
- It's worth mentioning that, the college does not receive any funding from the Government apart from the fund received from the management.
- The college is known for its excellent impact of quality education where students are empowered with knowledge and professional skills while upholding the values of integrity, tolerance, and mutual respect . The college offers **10 UG** and **2 PG** programs.
- The College has six Academic Departments. Each Department offers certificate Courses, and provides diploma courses offered by **National Youth Employability Skill training Educational Co-operative Society Limited, Certificate courses by SGECT and ASAP**
- Ensures work and study surrounded by beautiful scenery that might inspire a relaxing environment amongst the chaos of attaining a college degree. The beautiful scenery may also make the campus feel more home-like and allow your transition to be easier.
- The College has joined hands with **Alathur SN college under the University of Calicut, National Youth Employability Skill training Educational Co-operative Society Limited, SGECT, ASAP and CMA Chapter Palakkad, Socius Innovative Global Brains Pvt Ltd and signed MOU.**
- Provides the facility for functioning different clubs for offering opportunities for student leadership and participation beyond classroom setup and academic programme. The campus is adorned by lush greenery and has about **16.992 acres** of land with state of art facilities for a constructive learning experience.
- Facilitates ICT-enabled learning environment with **seminar halls of video conferencing, well equipped labs of Electronics ,Geography, Language , computer and a Digital library**

<https://www.youtube.com/watch?v=JjMOVNnDh3Q>

Vision

Though it is a VanikaVaisya minority institution, the college was founded to cater to the educational needs of the region without any discrimination against other social segments. The college seeks to serve certain important social ideals. These include the inculcation of spiritual and moral values in students and imparting training in socially productive sectors intended to mould them into socially responsible citizens.

The specific vision of the college is

“To be an institute of academic excellence with total commitment to quality education with a holistic concern for better life, environment, and society”

The institution endeavours to help the youth to grow up competent, responsible and mature individuals with strength of character, moral uprightness and courage of conviction, imbued with qualities of the head and the heart.

The values which guide us at VV College are:

Faith in Honesty, Integrity of Character; Social Commitment and Pursuit of Excellence.

The college believes that the integral development of an individual is attained through academic excellence and professional competence, personal, interpersonal and societal skills. The college continues its service to the nation with a firm determination that any student who enters the portals of the college shall never fail in practical life.

Mission

The mission of the college is

“to develop students more competent with good value systems to face challenges of the continuously changing world and be an educational platform for enhancing social, economic and rural inclusion in the educational field. ”.

The **motto** of the college is , **“Worship of work to transform one to an above par Quality for the betterment of Society”**

The College upholds the **principle** that

"knowledge without character is dangerous; head without heart is worthless."

With this outlook, the institution is committed to accomplish the following objectives:

- **Academic excellence:** Our primary objective is to enable every student to cope up with the latest developments in contemporary, national and global level through effective transaction of the curricular and co-curricular aspects.
- **Professional Excellence:** The capacity building of our students to assume productive roles are emphasized during their stay in the college and to inculcate the habit of lifelong learning. The ultimate objective is to produce students who possess the skills, problem solving tools and professionalism essential for being successful.
- **Total commitment:** The College is focused on the all-round development of the students' personality

through proper education and exposure to the vast treasure of knowledge; sports facilities and by providing platforms for their socialization.

- **Holistic Development:** College provides exposure to learners in the latest trends in relevant branches of knowledge, competence and creativity to face global challenges. To achieve innovations in teaching-learning, research and extension activities to realize national goals, including the adoption and promotion of knowledge output for human development.
- **Socially responsible Citizen:** College inculcates a sense of civic responsibility, social commitment, and moral accountability among the students through social activities to with exposure to human rights, value system, culture, heritage, scientific temper and environment.
- **Value-based Development:** To impart quality and need based education our objective is to sensitize the students to their changing roles in society through awareness raising activities.
- **Social and economic inclusion:** free education and fee concession is offered to socially and economically backward Vanika Vaisya students.

The institution is committed to doing maximum justice to its declared objectives through all its curricular and co-curricular activities.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- One of the oldest institutions in the Palakkad District in Kerala at the affiliated sector. And the **goodwill** acquired by the college over the years is a permanent strength.
- More than 60% students are from backward communities
- **Well efficient** and visionary **management and vibrant and academically oriented faculty and quality students.**
- **Career Oriented New-Generation Courses**
- Easy access of students from rural areas to higher education
- **Fee concessions and scholarships** based on the eligibility criteria
- An **ED club** which nurtures the latent entrepreneurial talents
- **A Language lab, Geography Lab, 3 Computer labs and a video Conferencing facility, Interactive board Seminar halls, Projector Class rooms and WIFI Facility Campus.**
- **Machine and Software-based Learning.**
- Library has an automated information system called "**Koha**".
- The students participate in activities offered by the clubs of health, tourism, national integrity, Film, Nature, Book and Departments
- The students make use of the services offered by various cells like **Women, Minority, Grievance Redressal , Anti-narcotic, Anti-ragging, and Anti-Sexual Harassment, Internal Compliance Committee**
- Programmes for students in the field of practical literature application as well as regional language development

- Skill based add-on courses that help the students to achieve their professional dreams.
- Well-structured counseling and mentoring systems are followed
- A platform for co-curricular activities, and the students win laurels in various arts and sports competitions/events.
- Subscription to **National and International Journals**.
- Infrastructure for **Differently-Abled Students**.
- **The alumni “VVCST”** of the college serves well.
- **Solar power** for the Energy Requirements.
- **Well-equipped playground** Infrastructure
- Community linkage programs through **NSS & Clubs under Karunya Scheme**
- **Transport facility** to students and staff so that commuting becomes easy through our **self-owned buses** and Students from remote places can enjoy safe traveling to the college.
- A natural **Green Eco System campus**
- A safe and secure campus for its students and staff by **CCTV surveillance** and security guards
- Placed in a rural area and that is great for balancing college life and limiting outside interruptions.
- A rainwater harvesting system for preserving water for summer needs.
- **Biotech KISAN Hub** for solid waste management.

Institutional Weakness

- Students lose valuable opportunities due to a lag in the schedule of university examinations and declaration of results
- Limited time for co-curricular and other activities due to tight academic schedule
- Due to self-financing status of the institution, students and faculties rarely get opportunities to function in the University’s Board of Studies
- It is, perhaps, the policy towards self-financing institutions that keeps 2(f) and 12 (b) a distant dream
- Less intake of Socially Backward ST students
- Students may not be able to choose courses of their choice because of the rigid curriculum
- Since the college is an Affiliated College, it lacks freedom in the design of the curriculum.
- .Non-availability of financial assistance from the Government
- The faculties are getting limited university organised orientation programs while compared to Govt/Aided faculties.
- The college faces difficulty in getting new programs in the Self-Financing stream due to Government Policies.
- .Urban advantages not available because of rural location

Institutional Opportunity

- Construction of High-tech central auditorium.
- Entrepreneurial activities can be fostered through collaborations with Kerala Start Up Mission.
- The college expects higher enrolment in add-on courses in the coming years.
- Certificate courses shall be upgraded into diploma courses.
- The faculties shall be enhanced through more research projects and publications.
- The college shall initiate foreign collaborations through international student & faculty exchange programs.
- Orientation and FDP programs shall be enhanced.
- Establish a better-stocked library with allied facilities and spacious reading room.
- Procure various governmental and non-governmental funds for the development of the college.
- Introduction of Management Information System for easy E-Governance.

Institutional Challenge

- Fund mobilization for the development of the institution is difficult.
- Staff turnover due to job switches reduces the number of permanent faculty members.
- Inadequacy of time to offer and run new certificate programs.
- The full potential of Alumni is yet to be tapped.
- CBCS system increased the administrative workload of the teachers which will eventually affect the quality of teaching.
- The students coming from rural areas lack proper communication skills.
- Re-orienting the curriculum to keep pace with the fast-changing trends in the industry.
- Making education even more technology-based.
- Postponement of examinations and delay in publication of results leads to loss of opportunities for higher studies and employments among students.
- Students belonging to educationally marginalized families.
- Insufficient Recruitment opportunities affects Placement adversely.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The college has devised its own mechanism for the effective implementation and delivery of the curriculum with strict adherence to the University CBCS regulations. The conscious and strategic decisions of the college with regard to academic flexibility and curriculum enrichment have made it an academic destination for both students and teachers of the state. All programs have well-spelled out POs, PSOs, and COs.

- During the assessment period, the college has **10 UG programmes, Two PG programmes.**
- The management is proactive in bringing new generation programmes and providing the student's advanced platforms for learning. The college also has introduced **add-on courses like 6 diploma**

courses and 58 certification courses focusing on the employability and skill development of the students. **Nearly 200 students** have enrolled in such courses during the assessment period.

- The students at the UG level can choose an **Open Course** from other disciplines and Elective Courses are available in all programmes. The UG students have to undergo a **compulsory course in Environmental Studies, Disaster Management, Intellectual Property Rights, Gender Studies.**
- The IQAC monitors the curriculum planning infrastructure of the college through a well-documented procedure that involves a **strategic plan, university academic calendar, academic calendar of the college, departmental academic plans, college handbook, virtual learning platform, departmental advisory committee, course plan, course file, outcome assessment sheet, result analysis, online student feedback system, 360-degree feedback on curriculum,** etc.
- The college also offers Club & Cell wise classes **to** inculcate value orientation, gender sensitivity, environment consciousness, and social responsiveness among the students.
- As part of the curriculum enrichment, the college has collaborations with reputed institutions. The college conducts an **Additional Skill Acquisition Programme (ASAP)** that offers communication and life skill courses to the students. All the programmes have practical components such as **internships or field projects or field visits.**
- The feedback **committee of IQAC** discusses the curriculum feedback taken from the stakeholders. **The collective opinion** on the curriculum is communicated to the University through the teachers of Government colleges who are members in the **Board of Studies of the University.**

Teaching-learning and Evaluation

The teaching-learning and evaluation system in the college warrants the creation of desirable graduate attributes and outcomes that are essential for the overall development of the students.

- The admission process is done through the **Centralised Allotment Process (CAP).**
- Management Seats are filled by Pre - Admission Test.
- The average enrolment percentage during the assessment period is **above 60%.**
- The management takes extra care in the fast filling of the vacant teaching positions to maintain a decent student-teacher ratio.
- The average teaching experience of the college is nearly 5 years.
- **The mentoring policy of the IQAC** ensures that all full-time teachers are engaged in the mentoring activity.
- Since the students are heterogeneous in terms of their learning levels and socio-cultural background, the college adopts multiple assessments and learning strategies **like Pre - Admission Test, Online Quiz, Walk With a Scholar (WWS) Programme, Student Support Programme (SSP), Additional Skill Acquisition Programme (ASAP), Remedial Classes, Peer Teaching, Group Assignments, Self Learning Materials, Mind mapping.**
- Departments also offer **Bridge Courses** to fill the knowledge gaps of students having lesser exposure than advanced students. At the same time, advanced learners get the academic motivation to register for courses offered on extensive **platforms and lead higher education of national repute.**
- The faculty extensively uses **Google Classroom, Zoom, Kahoot Quiz, Google Meet, Google Sheets, Google Doc, LMS** etc to deliver the course content and for the evaluation purpose.
- The average percentage of full-time teachers against **sanctioned posts is 100%** and more than 20% of full-time teachers have M.Phil and 5% **of full-time teachers have Ph.D** as their Highest Qualification.
- The internal assessment is done based on **students'attendance, writing skills (assignment), presentation skills (seminar), and knowledge levels (test papers).**

- The institution has a **Three Tier Grievance Redressal Mechanism** with two levels at the college and an upper level at the university.
- Result Analysis is done every year both at the department level and college level and the results in external evaluation have been improving over the years.

Research, Innovations and Extension

VV College has tried enhancing the research, innovation, and extension activities along with teaching and learning.

- The college offers research journals for each academic Department in Library
- Enhancing faculties for research publications through journal publishing process seminars.
- The college has successfully started to publish an **annual research journal "Diversified Education and Society" for the current year.**
- The college has **RIIC (Research Innovative and Incubation Centre)** and the activities of the ED club and IPR cell were brought under its ambit.
- The council in association with the Department of Geography provides Workshops and training on geographical Mapping and soil analysis conducted by the college in which experts from IRTC are invited to interact with the students.
- The faculty has published **Research papers in UGC CARE list journals and. papers in the presentations.**
- The college has a well-defined **Research Policy and Code of Ethics formulated by the Research Cell** which acts as the guiding tool and driving force.
- The college has a mega extension scheme "**VV KARUNYA**" that brings together all clubs and cells together to implement student and socio-centric programs. The college faculties conduct an awareness program related to Covid and Life in the nearby village of V V college.
- The college has 6 MOUs with reputed institutions and **linkage programs** for student exchange, internship, field trips, etc.

Infrastructure and Learning Resources

The college is located on a calm and quiet **16.992-acre campus** and the location facilitates ease of access to both the students and faculty.

- The college has 47 **classrooms spread over 3 blocks.** Main Classrooms are equipped with **ICT.**
- There are **3 Computer labs, one electronic lab, one Language lab & one Geography lab** and all are equipped with modern equipment.
- The college has 68 **computers** in Computer Lab **and** the student computer ratio is **2:1** for UG and **1:1**

for PG

- The college has a **Cricket/Football ground, Playground for the Basketball court, Shuttle badminton/Volley ball court, Indoor Games House, and a Gym.** A **Yoga Training class** is also functioning in the college.
- The college has a well-equipped **Multipurpose Auditorium and one video Conferencing Hall** which is fully air-conditioned and also **Two Smart Seminar Halls.**
- The college has **50 seats in a Video Conference Hall with a facility of Digital Theatre.**
- "**Swadhyaaya**" Knowledge Resource Centre is on the first floor with a total area of 150.2242 sq.m with more than 7000 books. The library is fully automated with **KOHA user software.**
- The library provides remote access to e-resources through its digital library wing. The e-resources are mainly accessed through the platform of **DELNET**, Nearly 1, 00,000 is spent annually on the purchase of books and journals. The library functions from 9.45 a.m. to 3.30 p.m.

The college has well-established systems and procedures like **Library Committee, Infrastructure Development committee, Purchase Committee,** and others for monitoring and maintaining the physical infrastructure of the college.

Student Support and Progression

The college believes that the **institution's brand equity** is mainly generated by the quality, progression, and success of its students. Therefore, the college takes many proactive steps to help the students in their academic and other endeavors.

- The college gives a special focus on coaching for competitive examinations, career counseling, soft skill development, remedial teaching, bridge courses, and personal counseling.
- It has a well-established **VV Institute for Competitive Studies** for giving coaching classes for competitive examinations like Bank Tests UGC-NET etc. An effective grievance redressal mechanism is in place. **25% of outgoing students get placed and go to higher studies as well.** Some of them get qualified in prestigious competitive examinations like NET, CAT, etc.
- The student affairs are conducted strictly in accordance with the spirit of democracy. The elected college union takes lead in organizing various cultural and sports events on the campus. **IQAC has a student representative member.**
- College union organizes celebrations of local and national days to develop a **spirit of patriotism.**
- Some students win State, national, International recognition in arts and sports.
- The institution does have a **vibrant registered alumni** association in the name of **VVCST Alumni Association** which contributed liberally to the development of the institution in the form of arranging student welfare activities of the college.
- There is a **mega alumnus meeting of the college** which is organized on **second Saturday of December** every year.

Governance, Leadership and Management

The Managing Board is the apex body with regard to the matters in policy making. Further, Staff Council and IQAC take care to see that the vision and mission of the college are fulfilled. The college ensures decentralization and participative management at every realm. The heads of departments are given full freedom in managing their own affairs.

- **A strategic plan** for three years is prepared and the Academic Calendar is prepared in tune with the strategic plan. The assessment period covers **Two Strategic Plans**.
- E-governance measures are adopted in **Admission, Fee Collection, Attendance registry, Internal marks** processing, and many others. The office is trying to become paperless.
- The management adopts effective welfare measures for the staff in the form of timely financial assistance and loan facilities from EPF.
- The inclusive and participatory approach promotes an environment of solidarity and mutual respect which ensures smooth functioning and growth of the institution. The college has various statutory and non-statutory committees such as **the Internal compliance cell, Grievance Redressal Committee, Anti-Ragging Committee, SC,ST,OBC&Minority Cell, Anti-Narcotic Cell, Cyber Cell, Women cell**, etc.
- The institution has a multiple-tier performance evaluation system including teacher performance records, evaluation by management
- On average 5 professional development or administrative programs are organized for teaching and non-teaching staff.
- The IQAC conducts an Academic and Administrative Audit
- The institution has a vibrant IQAC which initiates many innovative practices and reviews the teaching-learning process at periodic intervals. On average 10 quality initiatives are made by the IQAC annually.
- Due to the effective functioning of the IQAC, significant contributions are made in the post-accreditation period including the projects related to Rainwater Harvesting, Energy Conservation, Solid waste Plant, Fruit and Butterfly Gardens.

Institutional Values and Best Practices

The institutional values and best practices of the college are well aligned to the national policies and priorities and introduced

1. VALUE EDUCATION THROUGH ECO DIGITAL PLATFORM.

2..INTRODUCTION OF RIIC

The college has institutionalized its community engagement programs, environment, and cleanliness initiatives, and technology-based learning practices in

accordance with national missions such as Social Responsibility of College Students, Swachhta Movement, and Digital India Initiative respectively

- During the assessment period one green audit and one energy audit were completed to assess the performance of the college in green initiatives and to spread the message of environmental consciousness among students.
- In tune with Book Club Krithi through ICT, the college has taken various initiatives to improve the digital literacy and digital skills of the students.
- The institution keeps social transformation and social justice well above individual prosperity. Its community engagement program "VV karunaya" include social care, tribal care, knowledge sharing, disaster management, and social change as its components.
- The campus is a fully protected campus and there is 24 hours checking and CCTV surveillance. The College Building was protected by a Strong Compound Wall.
- The college gives due emphasis on the development of marginalized sections of the society like women, reservation communities especially minority Communities, etc.
- The campus is friendly with the setting up of ramps, restrooms, common room, and special toilets. Scribes are provided for needy students.
- The college has spent nearly Rs. 6 lakhs on green initiatives during the last 5 years.
- Annual academic and financial audits ensure transparency and accountability.
- An interview section was conducted by Placement Cell with the Human Resource Managers and PRO in the Kinfra Park for student placement and training
- There is a code of conduct in place for faculty and students and the institution function as per the professional code prescribed by the regulatory authorities.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	V V COLLEGE OF SCIENCE AND TECHNOLOGY
Address	V .V. COLLEGE OF SCIENCE AND TECHNOLOGY CHULLIMADA, KANJIKODE
City	PALAKKAD
State	Kerala
Pin	678621
Website	www.vvcollege.co.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	V .K.sudhakara n	0491-2569690	8589936754	0491-2569690	vvestiqac@gmail.com
IQAC / CIQA coordinator	Nisha .K .G	0491-2547347	9495885562	0491-2569690	kgnisha@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	
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State	University name	Document
Kerala	University Of Calicut	View Document

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC		
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

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	V .V. COLLEGE OF SCIENCE AND TECHNOLOGY CHULLIMADA, KANJIKODE	Rural	16.992	43556

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	BSc,Pg Department Of Computer Science	36	PLUS TWO	English	48	34
UG	BCA,Pg Department Of Computer Science	36	PLUS TWO	English	48	44
UG	BCom,Pg Department Of Commerce And Management	36	PLUS TWO	English	60	41
UG	BCom,Pg Department Of Commerce And Management	36	PLUS TWO	English	60	37
UG	BBA,Pg Department Of Commerce And Management	36	PLUS TWO	English	50	36
UG	BCom,Pg Department Of Commerce And Management	36	PLUS TWO	English	40	30
UG	BSc,Depart ment Of Electronics	36	PLUS TWO	English	24	0
UG	BSc,Depart ment Of Mathematics	36	PLUS TWO	English	24	0

UG	BSc,Department Of Geography	36	PLUS TWO	English	24	14
UG	BA,Department Of English	36	PLUS TWO	English	24	6
PG	MSc,Pg Department Of Computer Science	24	PLUS TWO	English	12	3
PG	MCom,Pg Department Of Commerce And Management	24	PLUS TWO	English	20	4

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	1				0				38			
Recruited	1	0	0	1	0	0	0	0	5	33	0	38
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				22
Recruited	17	5	0	22
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				4
Recruited	1	1	0	2
Yet to Recruit				2

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/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	0	0	0	1	0	0	2
M.Phil.	1	0	0	0	0	0	0	8	0	9
PG	1	0	0	0	0	0	5	34	0	40
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/M CH	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	3	0	3
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	Others	Total
		6	1	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	471	0	0	0	471
	Female	311	0	0	0	311
	Others	0	0	0	0	0
PG	Male	4	0	0	0	4
	Female	11	0	0	0	11
	Others	0	0	0	0	0
Diploma	Male	153	0	0	0	153
	Female	115	0	0	0	115
	Others	0	0	0	0	0
Certificate / Awareness	Male	207	0	0	0	207
	Female	134	0	0	0	134
	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	12	4	4	8
	Female	1	6	6	7
	Others	0	0	0	0
ST	Male	0	0	0	1
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	138	140	112	115
	Female	102	103	115	110
	Others	0	0	0	0
General	Male	20	22	35	34
	Female	19	16	21	22
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		292	291	293	297

Institutional preparedness for NEP

<p>1. Multidisciplinary/interdisciplinary:</p>	<p>The Institution recognizes the success of higher education in quality based and engagement of both faculties and students. Based on the guidelines of the University of Calicut, the Institute imparts Multidisciplinary courses like Open Course and complementary courses. Faculties are given freedom to design their own curricular and pedagogical approaches within the University approved framework. The Institution provides Multidisciplinary and Interdisciplinary Add-on and Certificate Courses in order to empower the students to ensure optimal learning environments. Professional academic and career counselling is made available to all students to ensure physical,</p>
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	psychological and emotional well-being. Tutorial and mentoring system is adopted to identify the potential, taste and preference of students.
2. Academic bank of credits (ABC):	The Academic Bank Credit system has not yet been implemented in this college. The Institution is ready to implement ABC system provided the University begins it.
3. Skill development:	The Institution aims at acknowledging the ability of the youth and their extended support by serving them with the proper guidance to achieve their ambitions. The Institution is proposing some essential employability skills like Positive attitude, Computation skill, Programming Skill, Communication, Teamwork, Self-Management, Willingness to learn, thinking and application skills etc and these skills will help students to improve a lot. The Institution is giving a lot of opportunities to enhance the student centric methods. Each department as well as different clubs is engaging their students to provide adequate training in professional skills. This also aims to create opportunities for the enhancement of talents of advanced learners within the institution and improve the overall scope and space for slow learners also. The Institution focuses on the students to learn multiple skills at a time. The student's progress is based on cognitive, motivational, social resources are value based and can be acquired in a learning process. The Institution helps the faculties and students by offering opportunities like Add On courses, Certificate Courses etc.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	Being an Indian Institution, V V College of Science and Technology is ready to incorporate an Integrated Indian Knowledge System provided , the University of Calicut introduces it. Now the Institution imparts Indian knowledge system by giving various language courses like Hindi and Malayalam. Indian philosophy, culture and history are to be introduced as obligatory subject. The Institution will follow a moral responsibility as stakeholder in the Indian Educational System to strive for quality and equitable education for all by extending stimulating courses on Indian Knowledge System to all students at a young age so that they know the importance of Indian Studies. Cultural awareness and expression are among the major competencies considered important

	<p>to develop in students, in order to provide them with a sense of identity, belongingness and appreciation of Indian cultures and identities. It would also build a positive cultural identity and self-esteem among the students as Indians. National Integrity club in association with Language Department promote Indian Culture among students.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>V V College of Science and Technology provides courses in the field of Arts, Science and Commerce, each with its own set of goals and objectives. The Curriculum of each discipline includes the precise learning outcomes of several courses. The vision and Mission of the college aims at broader outcomes for specific programmes. The Motto of the college is , “Worship of work to transform one to an above par Quality for the betterment of Society” . The faculties and students are aware of the Programme outcomes of the institution based on the University Curriculum. The knowledge, skills, talents and attitudes will help the students to develop themselves while pursuing graduate and post graduate degrees are referred to as programme outcomes. The college builds up an environment that encourages students to learn beyond classroom education. The Institution focuses on strengthening the Outcome based education programme, courses and services so as to help the students in their decision-making processes</p>
<p>6. Distance education/online education:</p>	<p>The Institute not yet recommended distance education as we follow the curriculum of the University. At the same time the Institution recommends the students to enroll in various online courses like NPTEL, SWAYAM etc. Digital learning is often self-paced where a student can do his/her work according to their own time, unlike traditional classes. Since there are no fixed hours for the classes, the students can easily make use of their leisure time in finishing their work. Some of the add on courses are on online .Online education also helps them to grow and improve their time management abilities. The Institute helps the students to take online certificate courses in and around India at their graduation time, so that they can get a wide experience by connection of many resource persons other than their teachers</p>

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	yes, established in the year 2017
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?	Yes, Electoral Literacy Club is functioning in our Institution since 2017. Each year a teacher member and a student member are elected for coordinating the club activities. The ELC is representative in Character , all students and staff actively participate and perform their role for implementing the initiatives taken by the Club Club member list of last five years 2017-18 Faculty Co-ordinator : Prof Lakshman.K Student Co-ordinator : VISHNUDAS.M(student council- UUC) 2018-19 Faculty Co-ordinator: Asst. Prof Girija Prasad Student Co-ordinator :AJITH KUMAR. M(student council- UUC) 2019-20 Faculty Co-ordinator: Asst.Prof Surabhila.K Student Co-ordinator : SANJAY.S(student council- UUC) 2020-21 Faculty Co-ordinator : Asst.Prof Surabhila.K Student Co-ordinator :ROHAN.A.V(student council MEMBER) 2021-22 Faculty co-ordinator:Asst.ProfSurabhila Student Co-ordinator:AKSHAYA BABU.S(student council Member) 2022-23 Faculty Co-ordinator : Asst.Prof Girija Prasad Student Co-ordinator : ABAYDEV. P. M(student council- UUC)
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.	INNOVATIVE PROGRAMMES AND INITIATIVES UNDERTAKEN BY THE ELC 1.Voter Registration survey of students in the campus. 2.Voter awareness campaign conducted at various places in Palakkad district. 3.Voter awareness campaign conducted for disabled persons & senior citizen at near by village. 4. Voter awareness guest lectures conducted for in-house students.
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.	1. Teachers and students conducted yearly Electoral literacy quiz and Electoral literacy campaign in Palakkad district.
5. Extent of students above 18 years who are yet to be	Voter registration drive conducted at Institute for

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.

above 18 yrs of age students

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
847	861	788	764	698

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: 107

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
41	28	36	39	44

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
85	98	127	125	105

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:

V V College of Science and Technology, Palakkad has implemented **Choice Based Credit Semester System (CBCSS)** in all UG and PG programmes as per the regulations of University of Calicut, Kerala. The college has well-structured **Outcome Based Education (OBE)** processes for the effective implementation and delivery of the curriculum to make the students **socially committed, employable, innovative and research oriented**. The college has been pro-active in introducing **New Generation Programmes** and familiarizing the students with various **education** platforms

Curriculum Delivery Planning Process at College Level

- **An Annual Academic Plan (Academic Calendar of the College)** is prepared by the IQAC every year on the basis of **Academic Calendar of the university and departmental academic plans**. It is published in the **College Hand Book** and displayed in **website**. The **College Staff Council** assists the IQAC in the process along with timetable and workload committees. The department academic plans are displayed on the department notice boards.
- The prospectus designed by the **Admission Committee** disseminates information regarding the programmes and courses. The details of programme outcomes, programme specific outcomes, course outcomes, syllabi, weightage of internal and external examinations are communicated through **College Website**. E-resources prepared by the faculty and **Question Bank** containing model question papers and old university question papers are available in the college website and students are trained and motivated to construct **sample question papers** based on the University question Paper
- **The College Timetable** is available in the college website

Curriculum Delivery Process

- When a new programme is introduced, HODs direct the teachers to prepare Programme Outcomes and Course Outcomes, Course plan in tune with the attainment of course outcomes and the same is approved by the **Departmental Advisory & workload Committee**.
- Faculty members use platforms like **Google Class Rooms, Kahoot Quizz** etc. The students can access **online quizzes, video lectures of the faculty, PowerPoint slides** prepared by the faculty.
- In order to implant practical knowledge, departments have collaborations with **professional bodies** like **Institute of Chartered Accountants of India, Institute of Cost & Management Accountants of India** etc.
- In order to make the learning student-centric, **industrial visits, quizzes, case discussions, seminars, workshops, monthly lecture series** and **alumni lecture series** have been organised on a regular basis.
- Teachers provide remedial coaching classes for slow learners.. The advanced learners are motivated

through the **Walk With a Scholar (WWS)** programme and Slow learners are motivated through the **Mentor Support programme(MSP)**.

- Students are motivated through peer teaching, group assignments and projects.
- Self study learning techniques are provided to students for easy conceptual learning through Mind mapping pedagogy and self question paper preparation.
- The feedback regarding the curriculum from the students, teachers, parents and employers is communicated to the University through the teachers of Govt College who are members of the faculty who are in the **Board of Studies and other Academic Bodies**.
- For the newly introduced courses, **Faculty Development Programmes** are being organised on a regular basis.

IQAC makes necessary modifications in curriculum delivery based on **Curriculum Feedback** from stakeholders and **Result Analysis**.

File Description	Document
Upload Additional information	View Document
Provide Link for 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: 54

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: 47.68

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
478	484	498	254	173

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 always committed to make the students aware of the importance of various cross cutting issues which have long lasting influence on the society. The following courses have been offered by the college according to the syllabus of the University of Calicut for various programmes for the integration on various cross cutting issues as mentioned above into curriculum. Also, while doing projects students choose works or areas that explore these issues.

The departments' courses relevant to cross-cutting issues are listed below.

English- ENG2A04ZEITGEIST: READINGS ON CONTEMPORARY CULTURE, ENG6B11 VOICES OF WOMEN, addressing Gender Issue. ENG2A04-ZEITGEIST, ENG3A05-SIGNATURES, ENG4A06-SPECTRUM Environment and Sustainability and Human Values.

BCA1C02-DISCRETE MATHEMATICS, BCA2C04 OPERATIONAL RESEARCH, MTS5B05-ABSTRACT ALGEBRA, for Professional EthicsGRY2C01.2 SOIL GEOGRAPHY, GRY6B13 BIO GEOGRAPHY, GRY1C01.3 GEOGRAPHY OF WATER RESOURCES, GRY5B05 HUMAN GEOGRAPHY, GRY4C01.4 INTRODUCTION TO DISASTER MANAGEMENT dealing with Environment and Sustainability and Human Values.COMMERCE-MCM1C02CORPORATE GOVERNANCE AND BUSINESS ETHICS, BCM1B01BUSINESS MANAGEMENT,MCIF4C15 STRATEGIC MANAGEMENT AND COOPERATE GOVERNANCE addressing Professional Ethics. BBA-BBA6B12ORGANISATIONALBEHAVIOR,BBA5B07HUMANRESOURCESMANAGEMENT, BBA1B01MANAGEMENT THEORY AND PRACTICES relevant to Professional Ethics and Human Values. Beside these courses, Audit Courses like AUD1E01: ENVIRONMENTAL STUDIES, AUD2E02: DISASTER MANAGEMENT, AUD3E03: CONSUMER PROTECTION ACT, AUD4E04: GENDER STUDIES are also relevant to Environment and Sustainability, Professional ethics and Gender.

The institution integrates cross-cutting issues through various clubs and Cells activities for getting real time experiences

Professional Ethics

- Gives top priority to delivering the courses related to Professional Ethics through add-on courses such as **Logistics and supply chain management, DTP, GST and Professional accounting,**

Office secretary ship & FM Embedded system and Internet of things, Web technology and Multimedia application

- Offers value-added courses like **Pre-placement Training**.

Gender Sensitivity

- The Women Cell provides classes in **Yoga and Traffic Awareness Classes, Fire Rescue, and Self Defense Skills**.
- Equal opportunities for all the students without considering their gender in **Students Union Election, Departmental Associations**.
- To empower the female students conducts workshops in the areas of **Mushroom Cultivation, Detergent making, Cloth Carry Bag Making, and Apiculture**.

Environment and Sustainability

- Taken a green initiative with **IRTC, Govt of Kerala** for planting **Fruit Garden and Butterfly Garden**
- Organizes programs like forest fires prevention rallies, **bird beat heats** campaign by offer *drinking water* to *birds* during *summer*, plantation to instil a sense of responsibility for **Environmental protection**
- **Department of Electronics** conducts workshops on **Energy Conservation**
- Took initiative for the construction of **BIO-TEC KISAN HUB CENTRE** with **IRTC** for **solid waste Management**
- **A solar panel is** mounted on the roof of the building for **solar energy**
- **Green Audit Workshop was conducted for students to equip them as Green Guardian**

Human Values

- Offers a **value-oriented induction program** for the first-year students and parents in each year.
- The students are at the forefront of Flood Rescue and Relief Operations: **distribution of food kits, cleaning and chlorination, organizing medical camp, and distribution of Dress and stationery**. They operated like paramilitary forces with the help of the State Disaster Management Team.
- Donated funds for medical expenses for Student Family.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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

Response: 30.34

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

Response: 257

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: 56.13

2.1.1.1 Number of students admitted year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
292	291	293	297	215

2.1.1.2 Number of sanctioned seats year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
577	635	486	390	385

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: 16.16

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
16	4	10	39	5

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
105	111	95	74	73

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: 20.66

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:

For enhancing learning experiences the faculty members adopt many ways, for example, **Lecture method, Interactive method, Project and Field work method, Computer-assisted method, Experiment method, Question answer method, Problem solving method** etc. Teaching and learning activities are made effective by these practices.

Many teachers use the conventional black-board presentation methods, especially where they teach mathematics and statistics as numerical solving. Also, some teachers use power point presentations and computer-based materials. For, they use the lectures of you-tube to make learning interesting besides the conventional oral presenting methods.

Some Student centric methods are given below:

Project methods: The project work stimulate student's interest on the subject and provide student an opportunities of freedom of thoughts and free exchange of different views. As per the requirement of syllabus, the project work is done.

Interactive methods

The faculty members make learning interactive with students by motivating student participation in group discussion, role-play, subject quiz, news analysis, educational games, discussion and questions and answers on current affairs, etc. Class room discussion in various topics is done on recent societal issues related with academic subjects. Especially, NSS, Commerce Department and other clubs organize interactive methods many times in a year.

ICT Enabled Teaching:

It includes Wi-Fi enabled class rooms with LCD, Language Lab, Smart Class rooms, etc. The institution adopts modern pedagogy to enhance teaching-learning process. The institution has the essential equipment

to support the faculty members and students. LMS is integrated with College Website for enabling the Hybrid learning.

Experiential learning:

It is used in science subjects to acquaint the students with the facts through direct experience individually. Students verify the facts and laws of the subject with the help of experiments. Commerce Department in coordination with ED Club organise creative thinking programmes and Industrial Visits. Students take interest and learn things via experiential learning.

Summer Internship Program:

The NSS Swachh Bharat Summer Internship is organized for NSS students. Only 50 students can participate in this program, where they learn about the importance of cleanliness. They do their job of 100 hours in the selected villages.

Group Learning Method:

This method is adopted through whatsapp group. Student share their notes and study material through this method. Whatsapp groups are made by a student or by the concerned teacher. They share the information to each other.

Black-board presentation:

Each student is given a certain question. And student has to solve this problem in the Black-board. The department of mathematics and Commerce use this method.

Participatory Learning:

Students participate in different activities such as seminars, group discussions, wallpapers, projects, mind mapping, University model question paper preparation and skill-based add-on courses. Students are encouraged to participate in activities where they can use their specialized technical or management skills.

Annual cultural program – This is organized every year for the students of the department to give an opening to their creativity. Journal Review, Proto-type model, Crosswords, Research projects, Language games, Viva, Poster presentation, Public Speaking

File Description	Document
Upload Additional information	View Document
Provide Link for 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
41	28	36	39	44

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: 23.94

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
10	7	10	10	8

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 institute has devised an efficient mechanism to deal with examination related grievances which is transparent in the pattern and conduction of CIE and rectification of grievances is time bound.

Follows strictly the guidelines and rules issued by the affiliating university while conducting internals and semester-end examinations.

At Institute level:

Assessment at the institute is transparent, flexible and robust. Being an Affiliated Institution, **V V COLLEGE OF SCIENCE & TECHNOLOGY** follows the **academic calendar, examination and evaluation procedures** laid down by the University of Calicut for all the programmes.

The Institute organizes **Orientation Program** for newly admitted students and their parents during which the **Principal, HOD and the College Examination Cell In-charge** explain about the scheme of examination, evaluation system and passing criteria.

An examination committee, comprising of a senior teacher as convener and other teaching and non-teaching staff as members, is constituted to handle the issues regarding

- Evaluation process.:The teacher distributes evaluated answer scripts to students, and any grievances are addressed by the teacher. The internal marks are displayed on the notice board.If any discrepancies like mistakes in question paper, mark allocation, is noticed by the students, the concerned teacher will resolve the discrepancy, and the necessary corrections will be made. If a student is not satisfied with the marks awarded even after resolved by the teacher, then he may represent the same to the HOD concerned. All such representations are taken positively and are reassessed by another teacher if necessary. Parents are informed about their ward's performance through SMS and Mail. Students are counselled by the faculty mentor, and remedial classes are conducted for students who have failed in the examinations. Retest are conducted for Students who remain absent for internal exams due to genuine reason. Within a time bound the Internal Assessment marks are entered in the University web portal along with their attendance.
- Day to day performance of the students is assessed for every experiment which includes regularity, performance, viva and the promptness in submitting the record.
- For lab courses, the marks/grade scored by the student for each experiment is indicated in the observation/record. The independent learning, practical approach to the real-time applications is tested by viva voce for laboratory courses.
- For the quality of the projects, the evaluation is done by Project Review Committee along with the project guides.
- To ensure the transparency and curb the malpractices the College has introduced jumbling system and theory end examinations are conducted with real time CCTV camera surveillance. The end examination for the laboratory and projects shall be conducted with internal and external examiner appointed from the other colleges as decided by the University.

At University level:

If students have grievances related to evaluation of answer scripts, it is intimated to the concerned faculty and HOD for further action. Students can apply for re-evaluation of their answer scripts within a week from the declaration of results if they are not satisfied with their results.

The results of re-evaluation will be announced as per the university norms.

<https://ssr.vvcollege.co.in/CRITERIA%202/MERGED/2.5.1%20GRIEVANCE%20ON%20EXAMINATION.docx>

File Description	Document
Upload Additional information	View Document
Provide Link for 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:

Programme Outcomes (PO) were formulated reflecting the Vision, Mission and Strategies of the College and the UGC guidelines on Graduate Attributes. While formulating POs, the College considered academic excellence, research potency, scope of extension activities, human values, livelihood generation, and recent trends in the job markets. The suggestions of the alumni and other stakeholders were also taken into account.

The Programme Specific Outcomes (PSO) is designed by the concerned Departments with their respective vision, mission and scope of the programme with expected cognitive, affective and psychomotor learning levels.

The OBE module consists of Topics (five-units), Hours needed to handle those Units, Books for Study and Reference,

The College follows the **Choice Based Credit System (CBCS)** as per the Curriculum Design of University of Calicut to widen the teaching and learning activities by which students have the flexibility to opt for courses of their choice.

The curriculum under CBCS has been strengthened with the introduction of OBE and the courses have been reinforced with desirable outcomes. OBE helps the learners to achieve higher order learning levels based on Revised Bloom's Taxonomy, master the courses, and develop different skills as expected in each course. Moreover, it inculcates employability and entrepreneurial skills in the students.

OBE enriches the courses offered in each programme, equips the teachers with knowledge and skill, and, empowers the learners with attainable outcomes of the programme. It develops the optimistic attitude in the learners towards vertical development in their future endeavours.

PO, PSO, CO for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students

- **Program Outcomes (POs):** It represent the knowledge, skills and attitudes the students should have at the end of a course completion of their respective program.
- **Course Outcomes (COs):** It gives the resultant knowledge and skills the student acquires at the end of each course. It defines the cognitive processes a course provides.
- **Program Specific Outcomes (PSOs):** These are statements that defines outcomes of a program which make students realize the fact that the knowledge and techniques learnt in this course has direct implication for the betterment of society and its sustainability.
- POs and PSOs are approved by the Department Advisory Board.
- POs and PSOs are kept in prominent locations of the campus for staff, students and public view.
- POs and PSOs are communicated to employers and Alumni during the Alumni Meeting.
- During the class committee meeting and faculty meeting POs and PSOs are reviewed among the students and staff members.

Course Outcomes (COs) are framed at Department advisory board meeting.

- Department Advisory board frames course committee for each courses with course handlers along with one subject area expert.

- The COs are given by the University of Calicut along with the syllabus.
- COs are communicated to the students during the introduction class itself. COs along with lesson plan discussed with the students.
- The outcomes of the course are also focused. During the Commencement of each unit and after the completion of the unit, the course outcomes are Reviewed.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.2 Pass percentage of Students during last five years

Response: 81.15

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
186	165	205	190	141

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
274	198	253	213	155

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: 3.33

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: 2

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
1	1	0	0	0

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:

The institute has created an ecosystem for Research and Innovation by recruiting & developing desirable human resource, taking initiative for creation & dissemination of knowledge and establishing state of the art infrastructure. The details are as under:

1. Promoting Innovation: The College has created ED Innovation

Research Innovation and Incubation centre(RIIC) under ED CLUB for promoting innovation & entrepreneurship activities. The formation of RIIC is as per the guidelines of MHRD and Palakkad Industry Centre. Students are encouraged to present their innovative working project models & products in the Exhibition conducted by the ED Club.

1. RIIC organized several EAC (Entrepreneurship Awareness programs)

2. Center of Excellences: The faculty & students are encouraged to take up Research & Developmental activities by utilizing the existing resources. The Incubation Centre under Innovation Council have helped our students to develop necessary skills & develop innovative projects in various domains.

3. Human Resources: The institute recruits dynamic & highly qualified faculty to mentor and

channelize the young minds. Institute has taken an initiative to encourage the faculty members by organising various skill enhancement programs.

4. **Research infrastructure:** The College has a Research Cell to motivate the faculty members to write research projects.
5. **Collaborations:** The College has collaboration under which our students get an opportunity to explore innovative initiatives.

File Description	Document
Upload Additional information	View Document
Provide Link for 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: 59

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
18	16	14	6	5

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: 0.12

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
2	1	3	4	3

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: 0.01

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
1	0	0	0	0

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:

All the students are encouraged to participate in the extension activities organized by the cells, clubs and departments in the college. The activities of the cells and clubs focus on the concept of campus community partnership, engaging the students with the realities in society and creating a mindset to extend a helping hand to those in need. The major initiatives are:

Helping the Marginalized

With an aim of developing care and concern for the poor and marginalized, the college has conducted programs such as

- **Book Donation**
- **Tv donation to the poor**
- **Agricultural seeds distribution**
- **Women Health programmes**
- **Medical aids to the poor**
- **Cleaning of public roads in tribal areas, etc.**
- **College-Local Community Partnership**

As part of the commitment to the local community, the college has conducted several medical camps and awareness programs to make sure that the lower strata of society get the proper care. The programs conducted include

- **Eye camp**
- **Hair for aspiration - Hair donation camp for Cancer patients**
- **Voluntary blood donation**
- **Soil Analysis**
- **Water Quality Analysis**
- **Road Safety Awareness Campaign**

SwachhBharathAbhiyan

The college has steered events such as

- **Clean Campus, Green Campus**
- **Swachatha Rally**
- **Cleaning of Public Places and**
- **Environment Preservation**

With the objective of sensitizing students about the need to preserve the environment, several programs were conducted, which include

- **Development of butterfly garden in the campus**
- **Construction of fruit garden**
- **Rainwater harvesting system**
- **Protection of herbal plants**

Women Empowerment

To empower the women, several training programmes have been offered to women in co-ordination with IRTC, which include training in

- **Mushroom cultivation**
- **Apiculture**
- **Soap and detergent making**
- **Awareness Programme for solid waste and e-waste management**
- **Awareness Programme on e-governance**
- **Fabrication of LED bulbs**
- **Cloth carry bag making**

Organic Farming

In tune with its thrust on organic farming, the Nature club undertook a campaign on **Kottamuti** in nearby village of Palakkad District in August 2022. They visited nearly 50 households and sensitised the villagers on the need of maintaining nature friendly agricultural practices. The college has organized several programmes such as

- **Distribution of vegetable seeds**

The students of the college served like paramilitary force during the flood rescue operations. They

- Shifted victims to **rescue camp** at the college.
- Organized **medical camp** for camp inmates.
- **Distributed relief materials** at flood affected areas.
- Participated in **cleaning process** and making the homes ready for living.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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

Response:

A person who is appreciated will always do more than is expected. Appreciating and rewarding is a great approach to celebrate hard work and success especially in a student's College life. It might be a certificate or an award for everyone else, but the ones who are appreciated look upon it as an honor.

Awards and accolades are pivotal in a student's life. *Like punishing and correcting a student's fault, recognizing a student's success is also necessary.* Even the slightest recognition works as a great motivation for the students and encourages them to work even harder and sincerely. Recognizing students with awards and certificates make them and their work stand out which again motivates them and attracts other students to work harder.

A College that takes pride when its students received Awards and recognitions for extension activities

from government / government recognised bodies

List of awards and recognitions

AWARDS & ACHIEVEMENTS POSTER MAKING COMPETITION (NSS) Social justice department of Palakkad conducted a poster making competition in connection with international day for old people. The program was conducted on 30/09/2022 at 11 am. The topic for poster making was “the resilience and contributions of older women. Sreekanth surendran of second year Bsc geography won second prize.

COVID WARRIORS (NSS) Three of our volunteers actively participated in the various services during corona pandemic. The government of Kerala appreciated the covid warriors by providing them certificate and trophy on a function arranged at Calicut on 14/11/2022

SPEECH COMPETITION ELOCUTION was conducted by BEML Ltd on account of “VIGILANCE AWARENESS WEEK”. Aswathy.S of I BSc.Computer Science has won the First prize.

POWER QUIZ A quiz competition was conducted by SREENATH (KSEB OFFICER) to spread the awareness about Energy Sector. Farhan Nazim & Pramod .K of II BSc. Computer Science has won appreciation prizes. 47 students participated & among them FARHAN NAZIM (II CS) AND PRAMOD (I BCA) are selected .

ELOCUTION Speech competition was conducted BEML Ltd on 25 Oct 2021 in account of “VIGILANCE AWARENESS WEEK”. Sredha & Anfa Shareef has won the Second & Third prizes

SPEECH COMPETITION Speech competition was conducted BEML Ltd on account of “INDEPENDENT INDIA AT 75” self-reliance with integrity. Amrith.S,Suneesha.M & Sredha has won the First,Second & Third prizes

SPEECH COMPETITION Speech competition was conducted BEML Ltd on account of “VIGILANCE AWARENESS WEEK”. Amrith.S,Suneesha.M & Joshua has won the First, Second & Third prizes

File Description	Document
Upload Additional information	View Document
Provide Link for 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: 12

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
4	4	2	2	0

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: 5

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:

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

For enhancing learning experiences the faculty members adopt many ways, for example, lecture method, interactive method, project and field work method, computer-assisted method, experiment method, question answer method, problem solving method etc. Teaching and learning activities are made effective by these practices.

Many teachers use the conventional black-board presentation methods, especially where they teach mathematics and statistics as numerical solving. Also, some teachers use power point presentations and computer-based materials. For, they use the lectures of you-tube to make learning interesting besides the conventional oral presenting methods.

Some Student centric methods are given below:

Project methods: The project work stimulate student's interest on the subject and provide student an opportunity of freedom of thoughts and free exchange of different views. As per the requirement of syllabi, the project work is done.

Interactive methods

The faculty members make learning interactive with students by motivating student participation in group discussion, role-play, subject quiz, news analysis, educational games, discussion and questions and answers on current affairs, etc. Class room discussion in various topics is done under features.

Especially, NSS, Commerce Department and other clubs organize interactive methods many times in a year.

ICT Enabled Teaching:

ICT enabled teaching includes Wi-Fi enabled class rooms with LCD, Language Lab, Smart Class room etc. The institution adopts modern pedagogy to enhance teaching-learning process. The institution has the essential equipment to support the faculty members and students.

Experiential learning:

Experimental method is used in science subjects to acquaint the students with the facts through direct experience individually. Students verify the facts and laws of the subject with the help of experiments. Commerce Department in coordination with Ed club organise creative thinking programmes and Industrial

Visit. Students take interest and learn things via experiential learning.

Summer Internship Program:

The NSS Swachh Bharat Summer Internship is organized for NSS students. Only 50 students can participate in this program, where they learn about the importance of cleanliness. They do their job of 100 hours in the selected villages. No other academic Summer Internship Program is organized by the college except NSS.

Group Learning Method:

Group Learning method is now being adopted through whatsapp group. Student share their notes and study material through this method. Whatsapp group are made by an student or by the contract teacher. They share the information to each other.

Black-board presentation:

In this method, each student is given a certain question. And student has to solve this problem in the Black-board. The department of mathematics and Commerce use this method.

Participatory Learning:

students participate in different activities such as seminars, group discussions, wallpapers, projects, mind mapping, University model question paper preparation and skill-based add-on courses. Students are encouraged to participate in activities where they can use their specialized technical or management skills.

Annual cultural program

organized every year for the students of the department to give an opening to their creativity. Journal Review, Proto-type model, Crosswords, Research projects, Language games, Viva, Poster presentation, Public Speaking

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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

Response: 56.48

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
24	47	110	111	13

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:

Library is located in the main campus on first floor with a total area of spacious with a total seating capacity of 50 and with 6003 available books. Department Library is located in each Department for faculty reference.

The library is **fully automated** with leading library management software solutions; **KOHA** which give a user-friendly interface for searching resources in the library, along with its positions and availability of uses.

ILMS Software KOHA

Name of the ILMS Software	Koha
Version	5.030000
Nature of automation	Full
Server Version	2.4.41
SQL VERSION	15.1
Year of automation	2022
Library link	192.168.2.104:8001/

Features of Koha

- Koha is an open source Integrated Library System (ILS), used world-wide by public, school and special libraries.

- Koha at VV is streamlined with dedicated cloud servers ensuring 24x7 access.
- Customizable search facility.
- Koha is built using library standards and protocols
- Multilingual and transferable.
- Koha's OPAC, circulation, management and self-checkout interfaces are all based on standards compliant
- World Wide Web technologies - XHTML, CSS and JavaScript - making Koha a platform with independent solutions

Library Sections

- General reference section
- Periodical section
- Stack room with lending section.
- Book Collection - Subject Wise - DDC - Dewey Decimal Classification
- UGC Network Resource Centre - DELNET
- Reprography corner-Photocopy, Print, Scan
- Archive -Rare books
- CD Library
- Reading hall UG, PG & General

Library Services

- Computerized Issue/ Return, Renewal
- Reference Service
- New arrival display.
- Subscription of Journals - Print
- The library has open access system
- Orientation programs for new users.
- Access to DELNET
- E-book access for all users
- CCTV surveillance for security reinforcement

Infrastructure of library

- Digital entry/exit register.
- High speed internet (200mbps)

Library Awards/Certificates provided

- Best Library user (Every semester)

File Description	Document
Upload Additional information	View Document
Provide Link for 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 Institute is committed to providing state-of-the-art IT infrastructure and services. With the growth of users, IT services and increasing internet bandwidth demand, the institution has scaled up the switching capabilities and implemented latest managed through Wi-Fi access. The upgradation of computer systems is taken up on periodically. The printers and scanners are also upgraded with new additions to the office, library and departments. The college annually purchases/upgrades and replaces or adds a fleet of computers, hardware's, etc as per the requirements. The IT infrastructure is continually upgraded.

The bandwidth has been progressively increased from 4 Mbps to 100 Mbps over a period of 20 years to suit the demands. For ease of access, all blocks have been enabled with Wi-Fi. All the seminar halls have been installed with LCD projectors. Biometric scanner based attendance capturing system is upgraded for faculty members.

Description on IT facilities

The IT facilities available in our college can be summarized as follows,

- **LAN Facility**

There are 20 data network switches (Giga byte) and 85 CCTV cameras.100 Mbps of internet connectivity is shared across the campus.

- **SERVER CONFIGURATIONS IN WI-FI**

There are 01 server with Xeon E3-12220, 3.1,4 GB RAM, 500 GB hard drive, which are served as Wi-Fi Controller.

103 Desktops are provided to all department labs with configuration of Intel dual core (3rd generation, 9 th generation, 10 th generation, and i3 10th generation) 4GB and 8GB RAM, 500GB and 1 TB hard disks with LAN connectivity.

- **SOFTWARE**

Open Source Operating Systems such as **Ubuntu.**

- **PRINTERS**

Laser jet printer with Scanner, one Laser jet printer, 2 Colour Ink jet printers, 2 Xerox centers and 2 scanners are provided across the campus for academic and administrative purposes.

UPDATES AND UPGRADATION

Updates are maintained regularly on anti viruses,

Wi-Fi

9 Extendable Wi-Fi access points are placed in various places like library, corridor, Labs, Departments and Office.

Canteen and Outdoor. Wi-Fi access is provided to all the students which is monitored and controlled by linux server at the IT department for secure content access.

All access points are routed to a Wi-Fi controller where configuration and updates are maintained in a centralized fashion.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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

Response: 10.2

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

Response: 83

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: 15.74

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
21	20	17	13	14

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: 24.08

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
208	198	201	188	158

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: 10.43

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
170	109	62	39	33

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: 24.52

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
64	73	46	40	45

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
274	198	253	213	155

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
1	4	5	0	1

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
1	4	5	0	1

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: 1

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
0	0	0	1	0

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: 7.2

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
7	6	8	8	7

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:

VVCST ALUMNI ASSOCIATION is a registered Alumni Association under the Societies Registration Act. It was formed on **12/10/2022** at The Registrar of Society, Palakkad Region. **Registration No: PKD/CA/347/2022** under Societies Registration Act XXI, 1860

VV College of Science & Technology and the VVCST Alumni association jointly believe in creating and maintaining association with its alumni. The Alumni Association provides an interface for establishing a

link between the alumni, staff, and students of the institute. VVCST alumni are currently working at various positions all over the globe and proving their mettle in all spheres of management.

Alumni Association Contribution through various means:-

1. **Book Donation:** Contribution by donating Books.
2. **Alumni Interaction:** VVCST Alumni give inputs to aspiring graduates. They are invited as resource persons at various events, guest lectures and panel discussions. They provide inputs and share their experiences regarding skills, recent technologies & trends in corporate world, application of knowledge and corporate working culture.
3. **Placement & Career Guidance Assistance:** Alumni are working in organizations at various capacities. They keep the faculties and the placement officer abreast about the available job opportunities. They assist and guide the students to crack the interviews. They also share their experience with the students and motivate them for their career development in various domains.
4. **Campus recruiters:** Alumni come to campus as recruiters for their companies and also recommend and promote VVCST to their employers for campus placements.
5. **Entrepreneurship Awareness:** Some of our Alumni have established start-ups in different sectors, many of them are first generation entrepreneurs. They decided to become entrepreneurs during their academic span at VVCST. Through the journey as an entrepreneur they learnt various skills & knowledge. They enlighten the students with their success stories and challenges faced.

Curriculum Feedback

The Alumni members register their feedback on curriculum through online.

Alumni Newsletter

The association publishes its newsletter highlighting important activities and achievements in the VVCST Telegram group.

File Description	Document
Upload Additional information	View Document
Provide Link for 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:

VV College is a VanikaVaisya institution run by VVE&E Trust with the vision of **Academic Excellence with Total Commitment to Quality Education with a Holistic Concern for Better Life, Environment and Society** and the mission of the institution is to **develop students more competent with good value systems to face challenges of the continuously changing world and be an Educational Platform for enhancing social economical and rural inclusion in the educational field.** The institution strives to cater to the needs of everyone irrespective of caste and creed.

- The college looks forward to educating the citizens who **have Faith in Honesty, Integrity of Character, Social Commitment, and Pursuit of Excellence.**
- Under the leadership of dedicated and supportive management, the college functions through a **Decentralized and Participative System** of Governance.
- **The Leadership of the Institution** gives a proper sense of direction to the activities of the institution and endeavors to help the **youth to grow up as competent, responsible, and mature individuals, imbued with qualities of the head and the heart.**

Governance Mechanism

The governance mechanism ensures that the activities of the college are allied with the vision and mission of the college.

- The highest authority in the organogram of the Institution is the **Director Board of the VVE&E Trust**
- **The Director Board** is the apex body with regard to matters in policy making.
- the General Secretary of the VVE&E Trust is the Supreme Executive Authority
- It comprises of stakeholders like Palakkad Administrative Committee, Principal, College Council, Staff Council, Administrative Officer, IQAC Co-ordinator, Alumni and Industrialists.
- The Board gives timely directions to IQAC to give **inputs for the preparation of strategic plan** as per the vision and mission of the institution,
- The Board meets **two times** a year and **finalises the strategic plan** that focus upon infrastructural development, enhancement of quality in teaching-learning process, promotion of research and healthy practices to be implemented in the college.
- The Board arranges a **meeting with the HODs** in the beginning of the academic year to **formulate the Department Academic Plan** as per the Strategic Plan.
- The responsibility to oversee the institution is vested with the **General Secretary of VVE&E Trust and the Principal.** The Principal imparts timely instructions to the heads of departments through council meetings and staff meetings to take stock of the situations and decide on quality

parameters.

- **The Staff Council** comprises of Principal, HODs, A Staff representative and the Office Superintendent.

The plans proposed by the **IQAC are presented** before the Staff Council and after the analysis forwarded to the Board and it takes appropriate measures for its implementation.

The democratic style of functioning creates harmony and a sense of collective responsibility in the institution. The vision and mission propounded by the founders of the institution are materialised at various levels by the effective leadership of the management and the committed functioning of the teaching and non-teaching fraternity. The active dialogue between the beneficiaries and the authorities bring about effective strategies for the holistic.

File Description	Document
Upload Additional information	View Document
Provide Link for 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:

Institutional Governance

- **The Managing Board:** The college has a well-functioning organizational structure managed and administered by VVE&E Trust. The highest authority in the organogram of the Institution is the **Director Board of the VVE&E Trust** and the **General Secreary** of the VVE&E Trust is the Supreme Executive Authority. The Director Board is the apex body with regard to the matters in policy making. It also sets a framework for the implementation of the proposed plans. It recommends strategic plans that can be adopted in matters like infrastructural development, enhancement of quality in the teaching-learning process, promotion of research, and healthy practices.
- **Principal:** The Principal who is the Executive Head of the Institution is entrusted with the responsibility of managing the day-to-day affairs of the college. He implements the policies in accordance with the norms and guidelines stipulated by the Director board of V V E&E Trust and as per the norms of University of Calicut and Government of Kerala.
- **IQAC** is an administrative body constituted in College under the Chairmanship of Head of the

institution. It is the organizational set up constituted for the purpose of assuring Internal Quality in the Institution. **Internal Quality Assurance Cell** is monitoring all the activities connected with NAAC Accreditation of the College. It is headed by one Co-coordinator and assisted by two Joint Co-coordinators for the smooth functioning of the Cell. IQAC Composition consists of important Academic and Administrative Staff , an Educationist, Representative of Local Management, Alumni member and a Student Council Member

- **Staff Council:** It is a Statutory Body constituted for supporting the Principal in day to day administration of the College. The council takes appropriate measures for the implementation of the Strategic Plan.
- **Committees and Cells:** The administration of the college is supported by a number of committees and cells like the Admission Committee, Selection Committee, CBCSS Committee, Examination Committee, Library Committee, Placement Cell, Discipline Committee, Finance Committee, Purchase Committee, Infrastructural development Committee, Student Council, Alumni, PTA, Library Advisory Committee, Anti-Ragging Committee, Anti-Sexual Harassment Cell, SC/ST/OBC & Minority Cell, Grievance Redressal Cell, Discipline Committee, Internal Complaints Committee, Women Cell, etc.

Recruitment

Vacancies are reported to the VVE&E Trust and avail concurrence. The direct recruitment to the posts of Assistant Professor is on the basis of merit through a **paper advertisement**, followed by a selection of a duly constituted committee as per the provisions of **University Regulations and UGC regulations**.

Promotion

Promotion is given to teachers as per the norms of University of Calicut and Government of Kerala

Service Rules

All the employees are bound to follow VVE&E Trust **Service Rules**. In addition, employees have to comply with the regulations of the University of Calicut in matters with respect to university examination valuation etc.

Grievance Redressal Mechanism

There is a grievance Redressal mechanism in the college headed by the Principal of the college. Senior faculty is in charge of the Cell. The coordinator of the women cell is also part of the cell. The employees are free to raise any issues before the committee.

File Description	Document
Upload Additional information	View Document
Provide Link for 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: D. Any 1 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:

INSTITUTION HAS PERFORMANCE APPRAISAL SYSTEM FOR TEACHING AND NON-TEACHING STAFF

REPORT

The integral part of the college considers performance appraisal to be as functioning as it provides a continuous direction and to target the teaching and non-teaching staff. All teaching faculties fill a comprehensive Self-Assessment Proforma at the end of the academic year. The teachers maintain records of teaching, college works, internal mark lists of students, research and projects, certificates of paper presentations and publications that are needed to calculate API scores. Individual meetings of the teaching staff with management are organized in an effort to motivate them and ensure good performance. The IQAC team thoroughly checks and verifies all activities of the faculties. The daily academic activities, classes engaged, exam duties taken, semester plan, projects guided, details of monitoring, leave availed etc. are recorded in the Faculty personal log. These are validated by the HOD, and Principal.

Class log books are maintained by the class leaders which contain information about classes and syllabus covered. This is regularly verified by the Class Tutor, HOD, and Principal. The student feedback system by IQAC takes place in a year to collect information about the teaching-learning process, and suggestions. Biometric attendance for faculties is maintained as a part of strict adherence to overall discipline. The performance appraisal of the non-teaching staff is done by filling a Self-Assessment Proforma at the end of the academic year and it is evaluated by Administrative Officer. After consolidating it, every staff would be invited for an individualized meeting to discuss the same with the management.

File Description	Document
Upload Additional information	View Document
Provide Link for 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: 11.17

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
4	9	3	2	3

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: 12.81

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
3	14	3	3	3

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
4	3	3	3	2

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 following are the strategies through which college mobilises and secure funds.

Fees from Self-Financing Courses:

The institution being a self-financing college under University of Calicut, the major source of fund is the semester fees collected from students. The fees collected from students are only either through Cash or Google pay . This amount is utilized majorly for meeting the salary of teaching as well as non-teaching staff, and for meeting the revenue expenditures i.e., operating expenditures such as electricity, water, repair works etc. In order to improve and add additional infrastructural augmentation & equipment, there is always a special support from the management.

Add on Course Fees collected from students

Contribution from Sky Line foundations and Structures Private Limited for the Research Projects and Inovation Centre

Contribution from Palakkad Industry Centre , Government of Kerala Under ED Club.

AUDIT

The College conducts regular audits for all financial transactions.

Internal Audit by the College Office: The initial internal audit is done by the office staff consisting of the head accountant and other staff in charge of accounts. This is done in the case of daily incomes and expenditure statements regarding fees and other regular incomes received. Being a Self-financing V V College of Science & Technology managed by VV E& E Trust has authorised a group of three members elected from the Director Board of V V E&E TRUST for the verification and conduction of internal financial audit with respect to various receipts and expenditures which is in capital and revenue nature..

External Audit by Qualified Auditors: The external audit of the institution is conducted at the end of every financial year by a concerned person who is a qualified Chartered Accountant by Statute, Profession & Personal Qualities. The auditor verifies all the financial transactions relating to the institution.

File Description	Document
Upload Additional information	View Document
Provide Link for 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:

IQAC has contributed significantly to institutionalize the quality assurance strategies and processes. It is active in framing the quality enhancement by continuous improvement in all working areas of the institution by connecting students, faculties, parents, management, alumni and society in general. It also ensures the integration of modern methods of teaching and systematic documentation to maintain a high professional standard in teaching-learning process. It takes the effort to inculcate a value system among students for good academic performance as well as to make them responsible citizens of this country.

The best renovations implemented by IQAC are

1. Effective Files handling system. The Departments had no effective and systematic practice of handling files and documentations concerned with the college activities. IQAC, since its constitution, started strategizing documentation of every departmental activity by maintaining files, registers and diaries.

- Registers
- Admission summary
- Internal Marks splitup
- Leave
- Students Attendance
- Minutes
- Department Council
- Students Grievance Cell
- PTA meeting

Others

- Workload
- Time Table
- Faculty Log Book
- Academic Plan and
- Semester Plan

- Cell/Club Activity file
- Class log book

2. Innovative Pedagogy introduced for promoting Student centric teaching learning methods

- PEER TEACHING
- GROUP DISCUSSION
- DEBATE
- WALK WITH SCHOLAR
- MENTOR SUPPORT PROGRAM
- MODEL QUESTION PAPER SETTING
- MIND MAPPING
- BRIDGE COURSE
- REMEDIAL CLASS

3. INTRODUCTION OF RESEARCH INNOVATIVE INCUBATION CENTRE (RIIC) UNDER ED CLUB

This Centre is introduced for identifying the potential skills of students and also equip them to utilize their talent through implementing training programmes. Organic farming, detergent making, cloth bag making, led light making, fruit processing, handi crafts making etc are some of the training programmes introduced in the College.

1. Eco- friendly campus projects

- Introduced rain water harvesting project to overcome water scarcity in the summer season
- Introduced the idea of Plastic free campus and given proper awareness to students for enabling them to follow the culture in their life
- Introduced Kisan Hub biological waste unit
- Introduced Solar Panel and Led bulbs for energy conservation
- Initiated green campus by planting fruit garden and butterfly garden
- Green Audit

2. Digital campus

- Extended ICT enabled Class room
- Updated Smart Seminar Hall in to Audio Visual Conference Hall
- Extended Interactive Board Seminar Hall
- Introduced Geography Lab and Language Lab
- Introduced LMS System
- Subscription of Membership from DELNET
- Transformation of library in to E-library by introducing KOHA software and Computer internet facility for accessing E-Journal and E-books

4. Community Centric Activities Through Karunya Scheme

- Under karunya scheme 18 Cubs and 11 Cells are formed for cultivating Social Perspective among students through organising community centred activities.

IQAC utilizes the feedback received from the students and alumni for effective functioning. Feedback helps to assess the performance of teaching to rectify the infrastructure deficiency and improve the quality of administration. IQAC conduct periodical meeting with the heads of the departments along with the Principal and the decisions arrived are intimated to the staff of different constituents. IQAC act as a bridge between administration and academic functionalities. IQAC in coordination with governing council of the college frame and schedules varies academic and administrative activities for every year.

File Description	Document
Upload Additional information	View Document
Provide Link for 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: B. Any 3 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:

GENDER EQUITY

Education deals with formation of habits of human beings. If so, we need education seriously to focus on promoting the equal participation of women and men in making decisions; reducing enrolment gap between women's and men's access; giving equality in learning process, educational outcomes and external results; and providing equal benefits for both sexes.

1. Safety and security

Women safety at any college campus is a serious concern now. According to a poll, 86% of parents believe that the safety of the campus is one of the most important factors in choosing one institution over the other. This problem can only be solved through awareness and prevention programs, dialogue and action. Students should be given regular lessons about sexual assault and its prevention from the school level itself so that they become more aware and alert and do not hesitate in taking preventive and safety actions in case such disdainful circumstances are encountered in future. So, following actions have been taken to ensure safety of the girl students.

CCTV CAMERA

24 hour CCTV surveillance is maintained in the college. It helps to keep a check on antisocial activities. Students and other employees in the college too remain cautious about the surveillance. Discipline is also maintained and it also provides a sense of security to the students and even their guardians. Students wear identity cards at all times to ensure their identity. The institution takes good care of the students in every aspect.

SAFETY IN TRANSPORTATION

As the College is residing in remote area majority students are depending on College bus for the transportation. Each bus has a faculty in charge for the safety of girl students.

HEALTH FACILITIES

Sanitary napkin dispensing machine and incinerator are available for use. The College provides health centre which keeps all the necessary medical facilities and emergency services. College also has security provisions to attend to any emergency conditions. Fire extinguishers are placed at different blocks inside the campus for providing the security.

SECURITY AND DISCIPLINE IN CAMPUS

There is a Women cell, Anti-sexual harassment cell, Internal Discipline Committee and Discipline Committee in the institution to take care of safety and security of the students. It also keeps an eye on the working of all the employees as well as the activities of the students within the institution.

PARENT TEACHER MEETING

Regular parent-teacher meetings are organized to bring the students –parents and teachers together. Updates are provided about the overall development and performance of the students. Parents' issues related to their wards are also entertained.

ESCORT DURING EDUCATIONAL VISIT OUTSIDE CAMPUS

Female students are accompanied by female faculty members during the visits or programme organized outside the college campus. Also, there is a pick and drop facility for female faculty members working late at night in college campus.

1.FACULTY ADVISOR

Faculty advisors are assigned the responsibility of mentoring and counselling of the students boys and girls both. Each faculty advisor looks after the matters of Mentee students. If any problem is there both boys and girls are being counselled as per their requirements individually also.

File Description	Document
Upload Additional information	View Document
Provide Link for 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: B. 3 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: A. All 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 College is proactively taking efforts in providing an inclusive environment. The initiatives are to promote better education, economic upliftment of the needy, and set communal harmony. The College celebrates cultural and regional festivals like Youth Festival, Constitution Day, etc. to teach tolerance and harmony to the students. The Gender Equality Policy focuses on equal access, opportunities, and rights for women and men. The department has revised the curriculum with the inclusion of topics related to human rights, peace, tolerance, love, compassion, harmony, promotion of social values, awareness of environmental protection, and ethics.

The College has taken many extra efforts to provide a very inclusive environment for the students and faculties as well. This initiative was taken to exhibit harmony towards technical events. ED Club organized expo where the students exhibited their projects that meet the society needs and requirements. Students of various departments showcased different models to show their talents.

To build a nation of youth who are noble in their attitude and morally responsible, the college organizes and conducted several activities to build and promote an environment for ethical, cultural, and spiritual values among the students and staff. To develop the emotional and religious feelings among the students and the faculty, commemorative days are celebrated on the campus with the initiative and support of the management for not only recreation and amusement but also to generate the feeling of oneness and social harmony.

The Students, Faculties and Staff jointly celebrate the cultural and regional festivals, like New-year day, Freshers Day, Teacher's day, Orientation and Farewell Program, Induction program, Rally, Oath, Plantation, Youth day, Women's day, Yoga day, Festivals like Onam Celebration, Christmas Celebration, New Year Celebration, Pooja Celebration etc. Religious Ritual Activities are performed in the campus.

Motivational lectures of eminent persons of the field are arranged for all-round development of the students for their personality development and to make them responsible citizens following the national values of social and communal harmony and national integration.

Book club, English club, Malayalam club and Hindi club organised programmes to facilitate our students to embrace the linguistic diversity of our nation and sensitize them about the richness of our Culture,

Heritage and Diversity.

Besides academic and cultural activities, we have built up many strong infrastructures for a variety of sports activities for the physical development of the students. Thus the College is providing an inclusive environment for everyone with tolerance and harmony towards Cultural, Regional, Linguistic, Communal Socioeconomic and Other diversities.

File Description	Document
Upload Additional information	View Document
Provide Link for 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:

1.Title of the Practice: VALUE EDUCATION THROUGH ECO-DIGITAL PLATFORM

Objectives of the Practice:

1. Aims at training the student to face the outer world with the right attitude and values.
2. Educating for sustainability and creating healthy, living and learning environments.
3. Enhances and ensures holistic student engagement via digital interactive learning.

2.The Context

- **VALUE EDUCATION**

Value-based curricular activities

The teacher is required to design lessons in which the subject matter is used to develop character.

Science is intended to strengthen the commitment to free enquiry curiosity and objective scientific outlooks, open mindedness, search for the truth logical reasoning, critical thinking, reflective thinking etc. Science helps to develop appreciate of and respect for the environment and so on.

- Associated with logical thinking, order, decision making, neatness, sharing and equal mindedness, accuracy, perseverance reasoning and analyzing etc.

Geography communicates interdependence of countries, unity in diversity, environmental conservation etc., Crafts works help to cultivate aesthetic beauty, perfection , dignity of labour, work ethics, cooperation, team spirit etc.,

- Encouraging communication and listening skills is intended to inculcate imagination, creativity, sensitivity, beauty, appreciation and emotional development.

Commerce provides the understandings, insights, attitudes and skills for conducting lots of commercial activities. Commerce education enables to transmit many such type of values like, systematic dealings, social and service orientation, fair dealings with customers, good salesmanship, honesty in commercial dealing etc.

Value-based Extra-curricular activity focuses on values like truthfulness, non-Possessiveness, non-stealing, non-violence, self-control and responsibility towards society and environment.

- **ECO-DIGITAL PLATFORM**

Eco – Friendly Platform

Environmental friendly practices and education combined to promote sustainable and eco-friendly practices in the campus. Eco-friendly campus concept offers the opportunity of learning in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs of the mankind.

Digital Platform

- Creates a more engaging environment
- Improves knowledge retention
- Easy access to information
- Prepares students for the future
- Creates learning opportunities for educators

3.The Practice.

- Institutional Orientation class and FDP programmes for faculties for promoting **Value education, E-teaching tools, innovative add-on courses**

- **Parental and students counseling**
- Application of **innovative student centered technological pedagogy**
- Conduct of **student centered and community centered programmes**

4.Evidence of Success

- Faculties are updated with latest E-Teaching Tools
- Students are updated with latest E-Learning Tools
- Through Orientation and FDP, Faculties are motivated to achieve teaching competency in value education
- Followed environmental protective practices in campus

5.Problems Encountered and Resources Required

As it is a long run implementation, updating are required as and when demands, so a continuous measuring system is to be adopted.IQAC took initiative of implementing required changes as per the feedback analysis of stake holders.

2. Title of Best Practice–

INTRODUCTION OF RIIC UNDER ED CLUB

(RIIC – RESEARCH INNOVATIVE AND INCUBATION CENTRE)

Objectives of the Practice:

- To promote the culture of innovation and entrepreneurship
- To promote and support untapped creativity of individual innovators and to assist them to become technology-based entrepreneurs.
- To analyze and identify the challenges and opportunities of innovative world
- To develop research skills among the faculty and students

2.The Context

This Centre is introduced for identifying the potential skills of students and also equips them to utilize their talent through implementing training programmes. **Organic farming, Detergent making, Cloth bag making, Led light making, Fruit processing, Handi-crafts** making etc are some of the training

programmes introduced in the College. It introduced Innovative Practices in learning process. The training and activities under this Centre motivates the students to realize the role of social responsibility of a youth to their society and it helps to build self confidence in them to meet the challenges of the changing world. This center also motivates the research talents of faculties.

3.The Practice

- Conducted field trips
- Conducted Industrial Visits
- Training programmes by Professional Experts
- Conducted Exhibition for presenting the talents
- Seminar and workshop conducted for updating skills
- Placement cell and ED-Club jointly co-ordinated career guidance programs to explore talents
- Conducted an Electronic Financial Literacy survey and prepared a research project report
- Prepared a **Geo-Mapping** Project of the College Campus
- Published an Annual Institutional journal in the name of **VV ACADEMIC RESEARCH & PUBLICATION (VVARP)**

4. Evidence of Success

- Students showed an attitude and confidence to start start-up projects
- Faculties are motivated to publish research article
- Availability of real time professional experience
- Identification of challenges of outside world
- Identification of essential skills required for the day to day life

5. Problems encountered and Resources required.

One of the main problems encountered is funding for the Research projects and professional experts class. College stake holders jointly trying to avail funding schemes and still it is under process.

File Description	Document
Best practices as hosted on the Institutional website	View Document
Any other relevant information	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:

VISION OF THE INSTITUTION

“Be an institute of academic excellence with total commitment to quality education with a holistic concern for better life, environment and society.”

The vision focuses on three points

- **Academic Excellence**
- **Total Commitment to Quality Education**
- **A Holistic Concern for Better Life, Environment and Society**

ACADEMIC EXCELLENCE

The college is a coeducational institution situated in an economically backward and rural area of Palakkad district. The college offers under graduate programmes both in Arts and Science stream to the aspiring youths of the district. College gives priority to promote education to poor students of rural background. More than 75% students are from most backward communities. The students of the locality can't afford their education in the urban colleges, due to several reasons basically financial. So, our college provides academic environment to those aspiring students of the rural area so that they can move ahead in their academic endeavour. Most of the students belong to the first generation in their families to get a University education and have some inhibitions natural to the socio-economic and geographic conditions. Yet, it is the distinctive achievement of the college that it has achieved University ranks in the last three academic years, a distinctiveness that highlights the teaching-learning excellence of the college and the concerted efforts of the stakeholders to achieve the vision of the college. The college introduced **Walk With Scholar Programme and Mentor Support Programmes** for supporting advanced learners and slow learners. **Mentor Mentee system and Tutorial system** are introduced for enabling moral support to Students. **Bridge Courses** are provided to first year students for providing an easy path for their higher education

journey. **Remedial classes** are provided for improving the performance. **Soft Skill Class** are provided for developing their interpersonal relationship. Each department arranges guest lecturers periodically addressed by the eminent persons from Industry, Academic and Research Institutions. Institutional counseling for Faculties, Students and Parents are periodically addressed by **Sri.C.Ramaswamy Chettiar, Chairman, VVE&E Trust.**

Eminent Visiting Faculties are invited from academic /organization /industries for seminar, workshop, conferences etc

TOTAL COMMITMENT TO QUALITY EDUCATION

The college organised quality enhancing programmes through introducing Add on Courses and Soft skill development programmes. By offering quality education through an eco-friendly and digital support platform is one of the great achievements of the college. The College introduced innovative pedagogy for promoting student centric teaching learning environment such as **Peer Teaching, Mind Mapping, Question Paper setting, Seminar, Debate, Group Discussion, Management Games, Projects, Industrial Visit etc.** The College implemented quality initiatives to create eco-friendly campus. The college conducted a **Workshop of Data Collection of Green Audit** for the students, so the students should realise the ideal environmental practices one can follow in life to keep our environment eco-friendly. The college introduced several projects such as **Water Conservation, Energy Conservation, and Waste Management**, this created awareness among students how to preserve world for future community. The College updated teaching learning process through the implementation of **ICT Enabled Classrooms, Interactive Board Seminar halls, LMS System and E-Learning Resources** so that students are equipped with modern technological environment. The College started **Research Innovative Incubation Centre (RIIC) under ED Club** for identifying the potential skills of youth and promote their ideas and skills in to reality. The College conducted training programmes for promoting self-employment. The college has MOU's with many reputed institutions of the region and it helps in developing better academic environment.

Thus Institution moulding a generation of eco-friendly with updated technological knowledge and creative skills through quality education.

A HOLISTIC CONCERN FOR BETTER LIFE, ENVIRONMENT AND SOCIETY

The College introduced a Scheme known as Karunya, under the scheme 18 clubs and 11 cells are working for moulding socially responsible community friendly youth. The students play major role in the events like Annual day, Sports day etc., which are being organized by the college and inculcate the qualities of co-operation, co-ordination and team work. We believe that college life is not all about academics, games, friends, and fun. It is also about learning to interact with other people, being aware of Social, Environmental and Gender Issues, and Inequalities in the society. We provide an opportunity to every student to contribute to make the society in which they live a better place and to grow as better individuals. Service-learning opportunities help students gain real-world experience and practice important habits like Leadership, Problem Solving, Generosity, Time-Management, Social Commitment, Volunteering and so on. In other words, service-learning opportunities can be considered as added benefits of improving the lives of themselves as well as the others. The College organised student centric and community centric programmes for offering students a service –learning opportunity as well as for creating a holistic concern

for the life, environment and Society. Service-learning opportunities can offer skill-boosting benefits in order to improve their lives. So many efforts are being made for the past few years to change the Teaching – Learning environment into activity based learning. The college also organizes several talks, seminars, workshops etc., to apprise students to the burning national and international issues. Some of the community centric initiatives are **Honouring Farmers, Seed Distribution to Public, Covid Preventive Measures Campaign, Book Donation to Anganavadi, Visit to Old Age Home, Electronic Electoral Literacy Survey, Digital Financial Literacy Survey, Communal Harmony rally, Fit India rally, Flash mob related with no Drugs Campaign, Parental Counselling, Special Counselling to Mothers etc.**

File Description	Document
Appropriate web in the Institutional website	View Document
Any other relevant information	View Document

5. CONCLUSION

Additional Information :

QUALITATIVE INITIATIVES BY IQAC IN ASSOCIATION WITH MANAGEMENT, ACADEMIC COUNCIL, STAFF COMMITTEES, STUDENT COUNCIL, ALUMNI AND PARENTS FOR THE LAST FIVE YEARS

1. Introduced certificate courses by all Academic Departments
2. Formation of various Clubs and cells for promoting student centric and social centric activities
3. Documentation of ACADEMIC CALENDER, DEPARTMENT CALENDER, ACTION PLAN, COURSE PLAN, PO, PSO AND CO, class log and personal log book.
4. Documentation of Tutorial System and Mentoring System
5. Introduction of Walk with Scholar and Mentor support Programme
6. Conducted Digital Financial Literacy awareness survey
7. Conducted Electronic Electoral Literacy survey
8. ED club Registration
9. VVCST Alumni Registration
10. Introduction of certificate and Add on courses
11. DELNET subscription
12. LMS-MOODLE ADOPTION
13. Journal subscription
14. Extension of projector class rooms and labs
15. Video conferencing Hall
16. Koha-Library
17. Geography lab, Lanaguage Lab
18. Wifi campus
19. Extension of CCTV surveillance
20. Extension of Gym and Indoor games and playground renovation
21. Extension of Volley ball and basketball court
22. Eco friendly Project with IRTC, Government of Kerala.
23. extension of Canteen
24. Solar Energy unit
25. Waste Composing Unit
26. Fruit, Vegetable and Butterfly Garden, Plastic free Green Campus
27. Medicinal plants naming
28. Quality and Green Audit
29. FDP ON

- NAAC
- **E-teaching tools,**
- **Guru sikshya-Tutorial and Mentoring**
- **Research methodology – Research article writing and project funding, bibliographic analysis**
- LMS
- **Mind mapping Teaching and Learning techniques**
- **Training on Interactive Board**
- **Intellectual Property rights**

- **Work life balancing and stress management**

29.MOU with

- **SREE NARAYANA COLLEGE, ALATHUR, PALAKKAD under the University of Calicut,**
- **National Youth Employability Skill training Educational Co-operative Society Limited,**
- **SHESHADRI GLOBALLY EDUCATIONAL COMPETENCY TECHNIQUES (SGECT), PUNE**
- **ASAP**
- **CMA Chapter Palakkad,**
- **Socius Innovative Global Brains Pvt Ltd**
- **DELNET**

30. Community Centered programmes

- **Blood donation**
- **Eye Camp**
- **Honouring farmers**
- **Covid awareness campaign**
- **No Drugs campaign**
- **National Integrity campaign**
- **Seeds distribution**
- **Books donation drive**

Concluding Remarks :

Being a pioneer institute imparting higher education to the students in rural area we are facing new problems every now and then but yet we are striving hard with the benchmark in every area for academic excellence. Along with the University curriculum we provide add-on, certificate and diploma courses to the deserving and promising students. In Corona pandemic and the consecutive lockdowns that followed we could realise the technological skills of the staff and students. In research innovation and extension we meet new challenges and get the solutions for them. The institute provides updated infrastructure with ECO- Digital facilities. The policy documents prepared by IQAC are a guideline. E-governance is encouraged in all office work. Every year we set new best practices keeping our vision and mission intact. The infrastructural development and green initiatives bestows an aesthetic beauty to the entire campus.

Our motto suggests, **“Worship of work to transform one to an above par Quality for the betterment of Society”** by imparting sufficient information on Curriculum and social issues, we try to inculcate value education so that the intellect, mind and body of an individual to be transform as better citizen befitting to the needs of the time and Society. We provide the students a holistic, integral, inclusive and enjoyable campus atmosphere so that the students may grow in their full potentials. We have started different programmes in order to improve the additional skills of the students. The signing of different MoUs with local, national agencies and different educational and professional institutes are for the quality improvement of the students. The different clubs are providing the students a lot of opportunities to enrich themselves in their studies and career. Study is incomplete without the sense of social commitment. College provides the students whatever is possible to develop their commitment to society. Various Community Centred programmes are conducted,

through which the students are made aware of the necessity of being committed for the social needs. The students, as part of their study, are provided proper guidelines regarding their higher studies through Career guidance class, WWS & MS Programme. Parental and students Counselling.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.2.1	<p>Number of Add on /Certificate/Value added programs offered during the last five years</p> <p>Answer before DVV Verification : 54 Answer After DVV Verification :54</p>																				
1.2.2	<p>Percentage of students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during the last five years</p> <p>1.2.2.1. Number of students enrolled in subject related Certificate/ Add-on/Value added programs 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>240</td> <td>232</td> <td>222</td> <td>239</td> <td>170</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>478</td> <td>484</td> <td>498</td> <td>254</td> <td>173</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	240	232	222	239	170	2021-22	2020-21	2019-20	2018-19	2017-18	478	484	498	254	173
2021-22	2020-21	2019-20	2018-19	2017-18																	
240	232	222	239	170																	
2021-22	2020-21	2019-20	2018-19	2017-18																	
478	484	498	254	173																	
1.3.2	<p>Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)</p> <p>1.3.2.1. Number of students undertaking project work/field work / internships Answer before DVV Verification : 262 Answer after DVV Verification: 257</p>																				
1.4.1	<p>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)</p> <p>Answer before DVV Verification : Yes Answer After DVV Verification: Yes</p>																				
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>292</td> <td>291</td> <td>293</td> <td>297</td> <td>215</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></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	292	291	293	297	215	2021-22	2020-21	2019-20	2018-19	2017-18					
2021-22	2020-21	2019-20	2018-19	2017-18																	
292	291	293	297	215																	
2021-22	2020-21	2019-20	2018-19	2017-18																	

292	291	293	297	215
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2.1.1.2. Number of sanctioned seats year wise during last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
577	635	486	390	385

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
577	635	486	390	385

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)

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
253	253	237	241	167

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
16	4	10	39	5

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:

2021-22	2020-21	2019-20	2018-19	2017-18
397	416	340	275	272

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
105	111	95	74	73

2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years

2.4.1.1. Number of Sanctioned posts / required positions for teaching staff/ full time teachers year wise during the last five years:

Answer before DVV Verification:

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

41	28	36	39	44
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Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
41	28	36	39	44

2.6.2 Pass percentage of Students during last five years

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:

2021-22	2020-21	2019-20	2018-19	2017-18
161	146	184	173	129

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
186	165	205	190	141

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
---------	---------	---------	---------	---------

3.2.2 *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
20	17	13	5	3

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
18	16	14	6	5

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
8	3	2	4	1

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
4	4	2	2	0

Remark : DVV has updated the data only for the Extension activities, DVV has excluded Gandhi Jayanti celebration & any particular day celebration

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.

Answer before DVV Verification : 6

Answer After DVV Verification : 5

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
85	98	123	125	105

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
24	47	110	111	13

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

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

Answer before DVV Verification : 83

Answer after DVV Verification: 83

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)

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)

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
45	67	127	125	28

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
21	20	17	13	14

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
191	198	201	188	158

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
208	198	201	188	158

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
171	112	62	39	33

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
170	109	62	39	33

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**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: A. All of the above

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**

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*

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
4	2	3	3	3

Answer After DVV Verification :

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

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
34	6	50	56	50

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
7	6	8	8	7

6.2.2 **Implementation of e-governance in areas of operation**

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

Answer before DVV Verification : B. Any 3 of the above

Answer After DVV Verification: D. Any 1 of the above

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
4	9	3	2	3

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
4	9	3	2	3

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
7	81	5	4	5

Answer After DVV Verification :

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

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

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**

	<p>Answer before DVV Verification : B. Any 3 of the above</p> <p>Answer After DVV Verification: B. Any 3 of the above</p>
7.1.2	<p>The Institution has facilities and initiatives for</p> <ol style="list-style-type: none"> 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 <p>Answer before DVV Verification : A. 4 or All of the above</p> <p>Answer After DVV Verification: B. 3 of the above</p> <p>Remark : Data updated as per the documents provided by the HEI</p>

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):</p> <p>Answer before DVV Verification : 41</p> <p>Answer after DVV Verification : 107</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>41</td> <td>28</td> <td>36</td> <td>39</td> <td>44</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>41</td> <td>28</td> <td>36</td> <td>39</td> <td>44</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	41	28	36	39	44	2021-22	2020-21	2019-20	2018-19	2017-18	41	28	36	39	44
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