



# V. V. COLLEGE OF SCIENCE & TECHNOLOGY

(Affiliated to University of Calicut)  
Chullimada, Kanjikode, Palakkad.



## VISION

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

## MISSION

Our mission 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.

## SWOT

### 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
- 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.



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- 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 playgrounds 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.
- Has **Biotech KISAN Hub** for solid waste management.

### 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



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## OPPORTUNITIES

- 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

## CHALLENGES

- 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.



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## STRATEGIC PLAN

### Process Of Strategic Plan

The Strategic Plan 2018-23 Of the V V College of Science & Technology is prepared by the IQAC with College Council by considering the SWOT. The IQAC has decided to approve Participatory approach together suggestions ideas from the various stock holders. The interaction Process included the meeting with all the member of the IQAC Including Various committee members. The IQAC has collected feedback from various members of faculty and committees. Recommendations from all these initiatives have been incorporated in the perspective plan.

### STRATEGIC PLAN 2018-2023

1. To introduce Pre-Admission Test for the Management Seats
2. To introduce new certificate course for students, specially related with career and market-oriented and skill enhancing.
3. Installation of solar roof top plant for energy conservation.
4. Enhancing research environment in campus.
5. Strengthening of alumni welfare association to increase their greater utilization in college Development.
6. Organizing more expert lectures from subject expert's entrepreneurs, and other expert for the development of personality and technical knowhow.
7. Registering MOU'S with various organization.
8. Endeavour to receive grants from different funding agencies.
9. Better employment opportunities for graduates.
10. More budget allocation and expenditure.
11. Increase & improves academic and non-academic MOU'S Participation.
12. Improving the quality of teaching, learning and students development.
13. Digital transformation of the institute.
14. Develop a holistic student experience to produce leaders for the future.



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15. Best Practices & innovation in pedagogy curricular material & assessment.
16. Value creation through innovation.
17. To develop a Fruit garden and Butterfly garden filled with diversity at plant.
18. To introduce Rain water harvesting for water conservation for the drier summer months
19. To Introduce E-waste, Biological waste and Plastic Waste Management System.
20. Cultivate a constructive & motivating educational environment aimed at achieving academic excellence.
21. Develop & implement a long term ICT supported education plan.
22. Achieve accreditation.
23. Frequent & transparent communication within the college community to function as an effective team.
  
24. Devotion to the intellectual, ethical & social development at each student.
25. To promote harmony and women's empowerment among the students & staff.
26. Adopt more student training/ internship and placement activities.
27. Providing career guidance.
28. Implementation of greater ICT tools in teaching learning.
29. Faculty motivation about research.
30. Function ligation MOU done with different organizations.
31. To introduce value added course in every departments.
32. To introduce UG program in English and Co-operation
33. To increase Co-curricular & extracurricular activities.
34. To promote students in different sports activities.
35. To provide more support student to crack different competitive exams.
36. To conduct activities like Blood donation camp, AIDS awareness dealing with COVID-19 pandemic etc. in order to give back to the society through NSS and Health Club.
37. Promoting activities related to health, nutrition, self-defence & entrepreneurship among the female students.



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38. Modernization of existing Infrastructure of library & sport facilities.
39. To promote linkage & Extension activities in the college campus.
40. Extension & up-gradation of ICT facilities & supportive tools for better teaching & learning experience.
41. Up-gradation of Library to E-library
42. To Introduce LMS
43. Collaboration with Library Network