



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		A.V.C. COLLEGE (AUTONOMOUS)
Name of the head of the Institution		Dr. R. NAGARAJAN
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		04364-229225
Mobile no.		9487112627
Registered Email		avccollegeauto@gmail.com
Alternate Email		avcciqacrn@gmail.com
Address		Mannampandal
City/Town		Mayiladuthurai
State/UT		Tamil Nadu
Pincode		609305
2. Institutional Status		

Autonomous Status (Provide date of Conformant of Autonomous Status)	24-Jun-1987
Type of Institution	Co-education
Location	Rural
Financial Status	state
Name of the IQAC co-ordinator/Director	Dr. S. Mayilvaganan
Phone no/Alternate Phone no.	04364222264
Mobile no.	9443523557
Registered Email	yesyemvee@gmail.com
Alternate Email	avcciqacrn@gmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.avccollege.net/pdf/aqar2018-19.pdf
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4. Whether Academic Calendar prepared during the year

Yes

if yes, whether it is uploaded in the institutional website:
Weblink :

https://www.avccollege.net/pdf/Calendar_2019_2020.pdf

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
3	A	3.34	2013	23-Mar-2013	22-Mar-2018
2	A	0	2006	17-Oct-2006	16-Oct-2011
1	Four Star	0	2000	07-Feb-2000	06-Feb-2005

6. Date of Establishment of IQAC

29-Jun-2004

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

NET/SELT Coaching Class	10-Feb-2019 13	90
Covid-19 Pandemic Awareness Programme (Online Quiz) (Online)	05-May-2020 11	1693
Enthusiastic student; Knowledge Resource Weekly Student Webinar series (Online)	07-Apr-2020 32	3000
Celebrating World Environmental Day I.E 05Th June 2020 (Online)	06-May-2020 1	250
International Webinar Special Meeting (Online)	07-Jul-2020 1	221
Women - The Sculptors of Society (Online)	20-Jul-2020 1	200
Awareness Programme for IAS Strivers	30-May-2020 1	150
Contesting Gender- Women Through The Ages	15-Jul-2020 1	102
International Webinar On	07-Mar-2020 1	230
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
A.V.C. College (Autonomous)	College with Potential for Excellence - Phase II	UGC	2017 5	12500000
A.V.C. College (Autonomous)	NIRF Rank band 101 - 150	MHRD	2020 1	0
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

31

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)	
? Organized programmes such as seminars on Research Methodology for staff members and scholars and coaching classes for students and NET/TNSET exams and associated with departmental conferences, trainings etc.,	
? Enhanced the usage of online options for teaching, evaluation, and associated for various online activities viz, webinar, online quiz etc. and motivated to students to have their own regular Webinar in the name of Enthusiastic Student: Knowledge Resource.	
? Took effort to develop own homemade programmes with colleagues of Department of Computer Science for students feedback, Students Satisfaction Survey, dynamic webpages for individual staff members to be maintained by themselves, etc.,	
? Explored the possibilities and enhanced the number of MoU with other institutions for enhancing activities such as research collaborations, student training, placement avenues, etc., and encouraged to submit a patent	
? Data compiled for the NAACSSR submission and timely preparation and submission of NIRF for MHRD and associated for Academic audit for different departments.	

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

Plan of Action	Achievements/Outcomes
Using the Central Instrumentation Laboratory for capacity building of the students/scholars, research analysis and consultancy	Lab is being used for analysis by the staff and student and data have been collected
Enhancing the staff and students enrolment to MOOC, SWAYAM, NPTEL courses for learning the recent developments in different subject areas	More than 10 courses were completed
Enhance the number of field /industrial visits and Students interaction with experts from various institutions, industry, Governmental and Non-governmental organizations	More than 20 different field /industrial visits were undertaken and more than 1500 students got benefitted
Encourage the students to lead the department Clubs, Forums, such as viz.,	More than 20 different programmes were organized by these bodies for the

'Thinnai Forum' (Department of Tamil), 'Keynes Club' (Department of Economics), Wildlife Science Forum (Department of Zoology), Newton Bonds (Department of Physics), 'Glow Bio Forum' (Department of Biotechnology) and 'Dr. Johnson Reading Forum' (Department of English), and 'Reading Forum' (Department of History) for conducting meetings, and innovative programmes	benefit of students
Motivating and encouraging students to bring out their talents and enhance the skills through Ilanthudu (>30 years old Tamil Magazine), SWIFT Forum (Computer Science Department), PEKAK Plumes (English Department) and Expos such as Literary Expo related to English literature (English Department) and Photography Exhibition (Visual Communication) and Wildlife Week Celebrations (Zoology Department).	Lit-Expo and World Photography Day exhibition were organized. PEKAK plumes, Globus, and Ilanthudu were published. Wildlife Week celebrations, World Environment Day, World Wetland Day were celebrated
Arranging Faculty Development Programme especially on Methodology, Development of Advanced level e-content, etc.	Seminar on Research Funding, Publication ethics, and Plagiarism on 22-02-2020; FDP on Research Methodology 18-20 June 2020; 13 days NET/SET coaching class for Staff and Scholars; Tally-ERP 9 training for non-teaching
Skill updation and managerial skill training for the nonteaching staff members	Training on Tally ERP.9 software was given.
Encouraging the researchers for international travel for attending conferences, special meetings, training, academic interactions, etc.,	Dr. S. Mayilvaghanan, visited to Thailand during January 2020 for visiting different libraries
Providing training for the staff members and scholars to qualify with the NET and SET examinations	One offline coaching for teaching and one for scholars and students and one online programme for staff members were organized and two of the staff members got qualified
Supporting the staff members to get qualification approval from the university	More than 25 different young staff members got qualification approval and 13 different courses got permanent affiliation from the parent University
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Staff Council	28-Apr-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	19-Feb-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	<ul style="list-style-type: none"> • The expertise of the of the Computer Science faculty members are used to enhance the existing webpage for regular sharing of information with students and other stockholders, faculty members are given own username and password to update their webpage regularly. The staff members developed programme for collecting student feedback, satisfaction survey, alumni registration, etc., Circular and information, Semester timetables and results are published in the college webpage. are passed through college website. • The submission of online application is introduced for students' admission. The telephonic counseling was used for admission. The online payments of fees options are enhanced. • The online google meet and classes are used for teaching, learning and evaluation during the lockdown period and the options are used extensively by both staff and students. The webinar, meeting, and interactions are made using the google meet. The experts from abroad are invited to deliver the talk and interactions with faculties and students. The google meet meetings are also simultaneously telecasted through YOUTUBE using the experts from Department of Visual Communications and are kept in the YOUTUBE for accessibility to wider audiences. • The Tailormade softwares and macros are amended to perform calculations, computations and consolidation of the accounts in the Office such as Finance Statements, Pension Statements, Arrear Bills, Income Tax Calculator, etc. IFHRMS for slary and electronic fund

transfer are used for paperless transactions through account credit, etc., • Softwares and macros are developed for processing and printing of hall tickets, mark lists, consolidation of marks of Controller of Examination office. Tailormade macros are developed using EXCEL to process attendance and consolidation of CIA components. Computerized seating arrangements are done for centralized CIA Tests and Semester Examinations. • The computers of different administrative staff members are connected with Centralized computer servers which enabled to access the information from different terminals to develop the reports and consolidation of data for various purposes. • AUTOLIB software in the library, Barcoding was done for all library books, OPAC Book Search facility with user interfaces is available for checking the availability and accessibility of books. Students and staff use barcoded ID cards and the entry and exit of the library is monitored through Barcode ID scanning machine. • CCTV Surveillance cameras in different locations in the campus, inside library, waiting hall and canteen and are monitored through internet. • Internet and email for business communication/transactions mass SMS for communication • Electronic Public Address System in all class rooms, laboratories, staff rooms, and waiting hall which is used to reach the students for announcement and circulars. • Live telecast of the college functions are being done by the Dept of Visual Communications through internet by using specialized software and hardwares. • Access to course materials through digital library by using intranet connected with common server. • Specialized computer labs for specific programme such as MatLab, GIS, Bioinformatics, etc. • Server connected English Language lab for practicing linguistic skill.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BSc	USBOT	Botany	05/09/2020
BSc	USESE	Electronic Science	05/09/2020
BSc	USMIB	Microbiology	05/09/2020
BSc	USVIC	Visualcommunication	05/09/2020
BSc	USBIT	Biotechnology	05/09/2020
BSc	USZOO	Zoology	05/09/2020
MA	PATAM	Tamil	05/09/2020
MA	PAENG	English	05/09/2020
MA	PAECO	Economics	05/09/2020
MCom	PCCOM	Commerce	05/09/2020
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BA	Economics	03/08/2020	MACRO ECONOMICS 18EC 507	03/08/2020
BA	Economics	03/08/2020	HISTORY OF ECONOMIC THOUGHT 18EC 508	03/08/2020
BA	Economics	03/08/2020	CAPITAL MARKET 18EC 509	03/08/2020
BA	Economics	03/08/2020	WELFARE ECONOMICS 18ECE 503	03/08/2020
BA	Economics	03/08/2020	FUNDAMENTALS OF COMMERCE 18NMCO 501	03/08/2020
BA	Economics	03/08/2020	ADVERTISEMENT MANAGEMENT 18SEC 502	03/08/2020
BA	Economics	03/08/2020	MONETARY ECONOMICS 18EC 610	03/08/2020
BA	Economics	03/08/2020	INTERNATIONAL ECONOMICS 18EC 611	03/08/2020
BA	Economics	03/08/2020	MANAGERIAL ECONOMICS 18EC 612	03/08/2020
BA	Economics	03/08/2020	FISCAL ECONOMICS 18EC	03/08/2020

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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BA	History	03/08/2020
BA	Economics	03/08/2020
BA	Tamil	03/08/2020
BSc	Zoology	03/08/2020
BSc	Botany	03/08/2020
BSc	Mathematics	03/08/2020
BSc	Chemistry	03/08/2020
BSc	Physics	03/08/2020
BCom	Commerce	03/08/2020
BA	Tamil	03/08/2020
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MA	Tamil	03/08/2020
MSc	Electronic Science	03/08/2020
MSc	Microbiology	03/08/2020
MSc	Biotechnology	03/08/2020
MSc	Computer Science	03/08/2020
MSc	Botany	03/08/2020
MSc	Zoology	03/08/2020
MSc	Wildlife Biology	03/08/2020
BA	Tamil	03/08/2020
BA	English	03/08/2020
BA	History	03/08/2020
BA	Economics	03/08/2020
BCom	Commerce	03/08/2020
BBA	Management Studies	03/08/2020
BSc	Electronic Science	03/08/2020
BSc	Microbiology	03/08/2020
BSc	Visualcommunication	03/08/2020
BSc	Biotechnology	03/08/2020
BSc	Botany	03/08/2020
MA	English	03/08/2020

MA	Economics	03/08/2020
BSc	Mathematics	03/08/2020
BSc	Physics	03/08/2020
BSc	Chemistry	03/08/2020
BSc	Zoology	03/08/2020
BCA	Computer Application	03/08/2020

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Certificate course in Yoga for Human Excellence	03/08/2020	52
PCB Design and Fabrication	02/03/2020	32
Training for NET/SET	26/05/2020	80
Invertebrata Chordata	03/08/2019	12
Cell Biology Genetics	03/08/2019	12
Embryology Evolution	17/06/2019	14
Physiology Ecology	17/06/2019	14
Financial Accounting Using Tally.ERP 9	11/01/2020	60
Narikkuravar vazhvial (Nomadic tribe) - 19VACT A1	28/08/2019	15
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MA	Tamil	17
MA	English	25
MA	History	8
MSc	Zoology	6
MSc	Botany	15
MSc	Mathematics	42
MSc	Computer Science	18
MSc	Electronic Science	5
MSc	Microbiology	12
MSc	Wildlife Biology	15
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
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Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

Curriculum should provide knowledge, kindle creative spirit, hone individual skills and discipline the mind and hence the designing is carried out with much care accommodating all these aspects. The skeleton of the curriculum is revised once in three years for the under graduate courses and once in two years for Postgraduate courses. The content of the forthcoming year is planned every year. Curriculum is the foundation where upon the future of not only the students, but also the nation is built on, due diligence is applied in the process of design and development of the curriculum. Board of Studies (BOS) is constituted for each programme of study. This Board comprises of University Nominees, Subject Experts and all the Faculty Members of the institution. Alumnus and Industrial expert are also part of the BOS. The internal members of the BoS frame the content of the papers by thoroughly analyzing their teaching, evaluation and students' interaction and feedback in the class. Then the pre-board of studies is conducted in the department by presenting the syllabus to colleagues where others views are incorporated. The external experts make a thorough analysis of the changes at the time of BoS. The issues related to the revision are discussed leaving no scruple. Feedback is one of the most essential factors in rejuvenating the institution and keeping it vibrant. Therefore, structured feedback is designed and obtained from students, staff, external examiners, alumni and employers. Necessary inputs are given to the Board of Studies while revamping the syllabus. Feedback given by the students regarding various components of the syllabus is recorded, analysed and to the maximum extent accommodated in the revision of the syllabus. Alumni are the privileged section, who are in constant touch with the institution. Their feedback is obtained from their periodical visits, convocation and while they act as Member of Board of Studies. Their feedback is deemed to be significant and the Board makes the revision taking into consideration their suggestions. Feedback received from the Faculty at the time of BOS is also given due consideration as they are the sculptors of the posterity. They provide valuable proposals keeping in mind the recent progressions that take place in their respective area of specialization. Feedback provided by the parents during Parents Meeting with mentors and Head of the Departments is also taken into account and implemented as far as feasible. Feedback provided by the Employers during Campus Recruitment and Board of Studies is of paramount importance. Since every student aspires to find an ideal placement, the curriculum should offer him the scope for such a placement. So, the feedback of the Employers regarding their requirements is exhaustively incorporated in the syllabus. Thus the institution intensifies the employability of the students. The online feedback system is introduced in this year for student feedback and Satisfaction Survey. The views expressed by the students in their satisfaction survey are analyzed and discussed and considered in different academic meetings and at the time of budget allocations.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the	Programme	Number of seats	Number of	Students Enrolled
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Programme	Specialization	available	Application received	
BA	Tamil	60	288	49
BA	English	135	743	102
BA	History	50	287	50
BA	Economics	50	358	50
BCom	Commerce	210	1142	210
BSc	Mathematics	170	1090	150
BSc	Physics	80	1470	78
BSc	Chemistry	88	1597	88
BSc	Botany	40	458	40
BSc	Zoology	48	450	48

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	4425	540	58	10	188

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
256	256	450	22	25	30

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

Majority of the students are first generation graduates and economically weaker section are most of them are being exposed to English medium of instructions first time. Hence, they found it difficult to understand the system, require clarifications, etc., This situation exists for all the students at different level such as understanding the policy changes, taking decisions in the academic activities, choosing the future career, etc., as they progress in their academic classes. Student mentoring system is extremely helpful for them to overcome social hindrances and academic difficulties. So, mentoring system is the base of proper functioning of the institution. In order to create personal rapport between teacher and students, to establish the one to one relationship and to analyse the strength, weakness, opportunities and challenges of the students, students mentoring system is used as a tool. Each staff member of the institution is allotted about 20 students of their respective classes. Mentors closely follow and improve the level of academic performance, psychological wellbeing, class attendance and general behaviour of the students. A tutorial register is maintained by each mentor with the details of the mentee individually, including a passport size photograph and details of all academic performance. The students skills, hobby, talents and achievements are also noted in the form. Based on the details the mentor provides guidance of the existing systems which are useful for the individual students. Parents are informed about the strength and weakness of the students. Whenever, there is a discipline problem with a student or other issues, the mentor comes with the tutorial register and consolidated details of the

student's irregularities and performance to HoD or Principal which yield reasonable decisions. Parents are asked to monitor the academic performance of the students. They are asked to keep in touch with the Head of the Department and the respective mentors. Parents Meetings are conducted periodically. Mark Sheets are given to the parents personally by the Mentors after the results are published. Suggestions for the academic improvement of the students are discussed with the parents. Feedback is also collected from parents and remarks are noted in mentor form. Most of parents are unable to fill the form due to lack of higher education and hence the mentor and HOD discuss with them and note the points in the tutorial register. Staff members motivate and accompany the students in participating in seminars, workshops and conferences. Mentoring system enhances the students' confidence and challenges them by setting higher goals, and ultimately guides them to achieve higher levels. Mentors act as personal counsellor when the students need advice, support and suggestions from them. Mentors act as role models and facilitate leadership by developing the interpersonal skills and helping students thrive in competitive environments.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4965	256	1:19

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
256	256	7	1	129

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr.R.Nagarajan	Principal	UGC Expert committee
2020	Dr.C. Balaji	Assistant Professor	CIVIL ADMINISTRATION
2020	Dr. S. Tamilvelu	Assistant Professor	Senate Member
2020	Dr.R.Nagarajan	Principal	Inspecting Expert Committee, Shree chanakya Education Society Indra College off Science and Commerce, MH
2019	Dr.R.Nagarajan	Principal	Inspecting Expert Committee, SGA GOVT. Degree College, AP
2020	Dr.R.Nagarajan	Principal	Inspecting Expert Committee, St. Berchmans College, Kerala
2020	Dr.R.Nagarajan	Principal	Inspecting Expert Committee, Sanskar sarjan Education societys Dhirajal Talakchand

			sankalchand shah college of Commerce, MH
2020	Dr.R.Nagarajan	Principal	Inspecting Expert Committee, J P College of Education and Manonmaniam Sundaranar University
2020	Dr.C. Balaji	Assistant Professor	DG NCC COMMANDATION AWARD
2019	Dr.S. Mayilvaganam	Assistant Professor	Arivusudar award, Mayuram lions club
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	USZOO	VI	28/09/2020	14/10/2020
BSc	USBOT	VI	26/09/2020	14/10/2020
BSc	USCHE	VI	28/09/2020	14/10/2020
BSc	USPHY	VI	26/09/2020	14/10/2020
BCom	UCCOM	VI	26/09/2020	14/10/2020
BA	UAECO	VI	26/09/2020	14/10/2020
BA	UAHIS	VI	26/09/2020	14/10/2020
BA	UAENG	VI	26/09/2020	14/10/2020
BA	UATAM	VI	26/09/2020	14/10/2020
BSc	USCSE	VI	26/09/2020	14/10/2020
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
94	1509	6.2

2.6 – Student Performance and Learning Outcomes

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

<https://www.avccollege.net/pdf/po-pso-co.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students	Number of students passed	Pass Percentage
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			appeared in the final year examination	in final year examination	
USZOO	BSc	Zoology	40	23	57.50
USBOT	BSc	Botany	26	15	57.69
USCHE	BSc	Chemistry	79	48	60.76
USPHY	BSc	Physics	61	46	75.41
USMAT	BSc	Mathematics	159	136	85.53
UCCOM	BCom	Commerce	192	141	73.44
UAECO	BA	Economics	27	20	74.07
UAHIS	BA	History	37	28	75.68
UAENG	BA	English	104	88	84.62
UATAM	BA	Tamil	46	37	80.43
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2.7 – Student Satisfaction Survey

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

<https://www.avccollege.net/pdf/sss-reports-19-20.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

No

No file uploaded.

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

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Dr. R. Nagarajan	Honorary Associate Professor Until (for 3 years)	01/10/2019	University of Exeter
International	Dr. N. Baskaran	Travel grant	04/12/2019	IUCN
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3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Students Research Projects (Other than compulsory by the	180	TNSCST	0.08	0.08

University)				
Major Projects	1095	MoEFCC	31.8	0
Major Projects	1095	DST-SERB	26.97	7.25
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

1

3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
UGC sponsored Guest lecture on New Media Techniques in Communication and Research”	Zoology Computer Science	08/01/2020
International Webinar on the theme of ‘Celebrating Biodiversity	Zoology and Wildlife Biology	05/06/2020
International Webinar on ‘Strategic Science Communication’	Zoology and Wildlife Biology	03/08/2020
International Webinar on Tiger Conservation through Recovery Programs.	Zoology and Wildlife Biology	29/07/2020
International National Webinar on COVID-19 Pandemic, How do we respond?	Zoology and Wildlife Biology	03/07/2020
UGC Aided A Two Day National Level Seminar	Economics	06/03/2020
INTERNATIONAL CONFERENCE- NEW PARADIGMS IN COMMERCE	Commerce	27/02/2020
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Radio talk	Dr.R.Nagarajan	Karaikkal FM, Karaikkal	09/05/2020	Resource Person
Radio talk	Dr.R.Nagarajan	Karaikkal FM, Karaikkal	18/07/2020	Resource Person
Honorary	Dr.R.Nagarajan	University of Exeter, England	01/01/2019	Honorary Associate Professor
Honorary		University of	01/01/2020	Honorary

	Dr.R.Nagarajan	Exeter, England		Associate Professor
UGC Expert committee	Dr.R.Nagarajan	UGC, New Delhi	02/05/2020	Expert Committee Member
Teaching and community	Dr. S. Mayilvaganan	Mayuram Lions Club	05/09/2019	Arivusudar Award
Civil Administration	Dr. C. Balaji	National Cadets Corps	18/05/2020	Appreciation
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Centralized Instrumentation Laboratory	Centralized Instrumentation Laboratory	CPE-Phase II	Research Sample Analysis	Quantification of constituents	19/09/2019
Visual communication	ID card Designing	Institution	Moon light photography, Manual mode multimedia	Studio	07/05/2019
Zoology-Vermicompost Unit	Organic manure preparation	Institution	Vermiculture	Alternate fertilizer	17/07/2019
View File					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
History	1
Mathematics	4
Chemistry	3
Physics	2
Commerce	9
Zoology	3
Economics	1
Tamil	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Zoology and Wildlife Biology	23	2
National	Zoology and Wildlife Biology	8	0
International	Mathematics	26	Nil

International	Physics	17	1
International	Botany	2	2
International	Biotechnology	7	2
International	Commerce	14	Nil
National	Commerce	2	Nil
International	Chemistry	4	1
National	Chemistry	3	Nil
View File			

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

Department	Number of Publication
Botany	1
Chemistry	1
Economics	17
Zoology and Wildlife Biology	12
Tamil	25
Physics	12
English	1
Commerce	2
View File	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
A Method for improved production of L-Citrulline from adventitious root cultures of Watermelon	Filed	202041055721	22/12/2020
View File			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Meta-Topolin (mT) enhances the in vitro regeneration frequency of Sesamum indicum (L.)	Dhandapani Elayaraja, Kondeti Subramanya, Venkatachalam Vasudevan, Sathish Selvam, SampathKasthuri rengan,	Biocatalysis and Agricultural Biotechnology	2019	2.8	A.V.C. College (Autonomous)	5

	Andy Ganapathi, Markandan Manickavasagam					
Experimental and theoretical investigation on optoelectronic properties of organic NLO crystal S-(4,6-dimethyl-2-pyrimidinyl) O-(p-methoxybenzyl) thiocarbonate	D. Vidhya, S. Ramalingam, S. Periandy, R. Aarthi	Journal of Molecular Structure	2020	4	A.V.C. College (Autonomous)	Nil
CTAB templated synthesis and characterization of nanorod shaped NiCo ₂ O ₄	G. Sivanmugam P. Anbusrinivasan	Chemical Papers	2019	2	A.V.C. College (Autonomous)	2
Wireless Smart Sensor Based Device For Specially Abled Persons	Krishnaveni K Ida Malarselvi R Ramachandra Raja C Priscilla R Joseph Vedhagiri S Sathis Kumar B S	Xi'an Dianzi Keji Daxue Xuebao/Journal of Xidian University	2020	0.9	A.V.C. College (Autonomous)	Nil
Identifying suitable reintroduction sites for the White-rumped Vulture (Gyps bengalensis) in India's Western Ghats using niche	Anoop, N.R., S. Babu, R. Nagarajan and S.Sen	Ecological Engineering	2020	7.5	A.V.C. College (Autonomous)	1

models and habitat requirements .						
Levels of organochlorine pesticide residues in fresh water fishes of three bird sanctuaries in Tamil Nadu, India.	Jayakumar, S., Muralidharan S, Dhananjayan V.	Environmental Science and Pollution Research	2019	4.9	A.V.C. College (Autonomous)	5
Levels and distribution pattern of organochlorine pesticide residues in eggs of 22 terrestrial birds from Tamil Nadu, India.	Dhananjayan V., Muralidharan S., Jayakumar R., Jayanthi, P., Jayakumar, S., Alaguraj A	Environmental Science and Pollution Research	2020	4.9	A.V.C. College (Autonomous)	1
Modelling the effect of covariates on the detectability and density of native blackbucks and invasive feral-horse using Multiple Covariate Distance Sampling at Point Calimere Wildlife Sanctuary, Southern India.	Arandhara, S. S. Sathishkumar and N. Baskaran.	Mammalian Biology	2020	2.6	A.V.C. College (Autonomous)	2

A novel approach to assess the heavy metal content in the feathers of shorebirds: A perspective of environmental research	Jeganathan Pandiyan, Shahid Mahboob, Rajendran Jagadheesan, Kuppusamy Elumalai, Kaliyamorthy Krishnappa, Fahad Al-Misned, Zahid Ali Kaimkhani, Marimuthu Govindarajan	Journal of King Saud University - Science	2020	Nil	A.V.C. College (Autonomous)	2
GC-MS analysis and molecular properties of Loranthes pentandrus Linn. (Loranthaceae) against human vector mosquitoes (Diptera: Culicidae)	Kaliyamorthy Krishnappa, Jeganathan Pandiyan, Kuppusamy Elumalai, Mathalaimuthu Baranitharan, Samidurai Jayakumar and Jayabal Govindakrishnan	Academia Journal of Medicinal Plants	2019	Nil	A.V.C. College (Autonomous)	2
View File						

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
CTAB templated synthesis and characterization of nanorod shaped NiCo ₂ O ₄	G. Sivanmugam P. Anbusrinivasan	Chemical Papers	2019	Nil	2	A.V.C. College (Autonomous)
Levels of organochlorine pesticide	Jayakumar, S., Muralidharan S,	Environmental Science and	2019	3	5	A.V.C. College (Autonomous)

residues in fresh water fishes of three bird sanctuaries in Tamil Nadu, India.	Dhananjayan V.	Pollution Research				
Organochlorine Pesticide Residues Among Colonial Nesting Birds in Tamil Nadu, India: A Maiden Assessment from Their Breeding Grounds.	Jayakumar, S., Muralidharan S, Dhananjayan V.	Archives of Environmental Contamination and Toxicology.	2020	3	3	A.V.C. College (Autonomous)
GC-MS analysis and mosquitoecidal properties of Loranthes pentandrus Linn. (Loranthaceae) against human vector mosquitoes (Diptera: Culicidae)	Kaliyamorthy Krishnappa, Jeganathan Pandiyan, Kuppusamy Elumalai, Mathalaimuthu Baranitharan, Samidurai Jayakumar and Jayabal Gokulakrishnan	Academia Journal of Medicinal Plants	2019	7	2	A.V.C. College (Autonomous)
Meta-Topolin (mT) enhances the in vitro regeneration frequency of Sesamum indicum (L.)	Dhandapani Elayaraja, Kondeti Subramanyam, Venkatachalam Vasudevan, Sathish Selvam, Sampath Kasthuri rengan, Andy Ganapathi, Markandan Manickavasa	Biocatalysis and Agricultural Biotechnology	2019	5	5	A.V.C. College (Autonomous)

	gam					
Spectroscopic analysis on NLO activity of EDTA doped Thymine crystal using DFT calculations	V. Beaula Pre mavathia , S. Nelson Amirtharaja , S. Ramalingam	The International journal of analytical and experimental modal analysis	2019	19	Nil	A.V.C. College (Autonomous)
Citrus limetta (Risso) - borne compound as novel mosquitoicides: Effectiveness against medical pest and acute toxicity on non-target fauna	Mathalai muthu Baranitharan, Kaliyamoorthy Krishnappa, Kuppusamy Elumalai, Jeganathan Pandiyan, Jayabal Govindakrishnan, Kalimuthu Kovendan, Vairakannu Tamizhazhagan	South African Journal of Botany	2020	7	2	A.V.C. College (Autonomous)
A novel approach to assess the heavy metal content in the feathers of shorebirds: A perspective of environmental research	Jeganathan Pandiyan, Shahid Mahboob, Rajendran Jagadheesan, Kuppusamy Elumalai, Kaliyamoorthy Krishnappa, Fahad Al-Misned, Zahid Ali Kaimkhani, Marimuthu Govindarajan	Journal of King Saud University - Science	2020	3	2	A.V.C. College (Autonomous)
Modelling the effect of covariates	Arandhara, S. S. Sathishkumar and N.	Mammalian Biology	2020	8	2	A.V.C. College (Autonomous)

on the detectability and density of native blackbucks and invasive feral-horse using Multiple Covariate Distance Sampling at Point Calimere Wildlife Sanctuary, Southern India.	Baskaran.					
Identifying suitable reintroduction sites for the White-rumped Vulture (<i>Gyps bengalensis</i>) in India's Western Ghats using niche models and habitat requirements.	Anoop, N.R., S. Babu, R. Nagarajan and S.Sen	Ecological Engineering	2020	9	1	A.V.C. College (Autonomous)

[View File](#)

3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	457	1199	308	384
Presented papers	78	47	4	1
Resource persons	7	43	15	17

[View File](#)

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
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Zoology and Wildlife Biology	Annual Bird Census Programme	Tamil Nadu Forest Department, Nagapattinam District	Nil
Zoology and Wildlife Biology	Annual Bird Census Programme	Tamil Nadu Forest Department, Vilupuram District	Nil
AVC College (Autonomous)	COVID-19 Quarantine and Treatment Ward	Government of Tamil Nadu	Nil
Tamil	Text Book Part-1 Tamil: Semester-1: Paper 1 (18LT101): General Tamil (Total page 279)	Through Co-Operative store, AVC College	224100
Tamil	Text Book Part-1 Tamil: Semester-2: Paper 2 (18LT202): General Tamil (Total page 276)	Through Co-operative Store, AVC College	89100
English	Text Book Part-2 English: Semester-1: Paper 1	Through Co-operative Store, AVC College	67500
English	Text Book Part-2 English: Semester-2: Paper 2	Through Co-operative Store, AVC College	67500
A.V.C. College (Autonomous)	Local Body Election-Counting Centre	Election Commission of India	Nil
View File			

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

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Dr. P. Anbusrinivasan	In Service Training Programme to Science Teachers	Tamil Nadu State Council for Science and Technology	10000	53
View File				

3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Railway Passengers Awareness Programme on "Safe Dewali	NSS	1	30

Tree plantation	3/8 COY NCC	1	75
Pollution Awareness Rally	3/8 COY NCC	1	102
Village survey	PEKAK	1	39
Local body Election duty	NSS	1	57
Tree saplings were collection	Students' Exnora	1	35
Special Camp	NSS	6	300
Voter's Day Awareness Rally	NSS	4	200
Blood Donation Camp	NSS	2	50
International Yoga Day	NSS	3	100
View File			

3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
VOLLEY BALL COMPETITION at CATC cum TSC - IUC Preliminary selection at Govt Arts College, Kumbakonam.	SILVER MEDAL	8 TN BN NCC KUMBAKONAM	12
DRILL COMPETITION at CATC cum TSC - IUC Preliminary selection at Govt Arts College, Kumbakonam.	SILVER MEDAL	8 TN BN NCC KUMBAKONAM	21
FIRING CATC cum TSC - Pre IGC selection at Government Arts College, Kumbakonam.	GOLD MEDAL	8 TN BN NCC KUMBAKONAM	1
FC BC at CATC cum TSC - IUC Preliminary selection at Govt Arts College, Kumbakonam.	GOLD MEDAL	8 TN BN NCC KUMBAKONAM	1
VOLLEY BALL COMPETITION CATC cum TSC - Pre IGC selection at Government Arts	GOLD MEDAL	8 TN BN NCC KUMBAKONAM	12

College, Kumbakonam.			
NCC Examinations	B Certificate	8 TN BN NCC KUMBAKONAM	1
View File			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
AIDS Awareness Quiz	Youth Red Cross	E-Quiz	1	301
Swachh Bharat	3/8 COY NCC	Awareness rally	1	20
COVID-19 Awareness	3/8 COY NCC	Pamphlet Distribution	1	15
COVID - 19 Duty assisting Nagapattinam District Police Department	3/8 COY NCC	Lock Down maintenance	1	13
Swachh Bharat	3/8 COY NCC	Temple cleaning	2	40
Swachh Bharat	3/8 COY NCC	Temple cleaning	1	30
Gender Issues	Internal Compliant Committee	Webinar	1	100
Afforestation	NSS	Creation of Social Forest	5	150
Jal Sakthi Abiyan	NSS	Water management and rain water harvesting rally	5	300
AIDS Awareness	NSS	Human Chain	3	150
View File				

3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Internship	First M.Sc., WLB	Self- Dr. Bupesh Gupta. Universal Ecofoundation, Pondicherry. Cell: 9943695887	2
Faculty Development Programme	Karthikeyan R	Veltech Ranga Sanku Arts College Chennai	5

Online programme coordinator for the AAR	Dr. S. Tamilvelu	Online Programme coordinator for All india Research Forum Chennai	1
Participation	Dr.K.Karpagavalli	NPTEL - SWAYAM	28
Faculty Development Programme	Dr.M. Hemamalini	Dept. of CSCA, Thiruvalluvar University College of Arts and Science, Arakkonam	6
Faculty Development Programme	R.Sriram	Loyola College of Arts Science Spoken Tutorial Project,IIT Bombay, MHRD, Govt. of India	6
Faculty Development Programme	K. Anabarasi	Sridevi women's Engineering College, Hyderabad Contact No: 08413234333	5
External subject expert	Dr. S. Tamilvelu	Department of Tamil, Dr. MGR-Government Arts College, Sirkali	1
Faculty Development Programme	Dr. R. Neela	REVA University, Bengaluru	5
Faculty Development Programme	R. Sriram	Kristu Jayanti College, Bengaluru	8
View File			

3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Project Work	Research Work	ONGC Karaikal 609 604. Ph. 04368 235076	03/02/2020	28/02/2020	E.Inbaraj
Project Work	Research Work	SOLARA Active Pharma Sciences, Cuddalore - 607 005 , Ph - 914142 285400	23/12/2019	28/12/2019	B.Nandhini

Project Work	Research Work	Sparktronics, Trichy 9942155514	13/01/2020	22/02/2020	J.Johnsi
Sharing the research facilities	Research Work	Dr. Bektas Tepe Department of Molecular Biology and Genetics, Faculty of Science and Literature, Kilis 7 Aralik University, Kilis, Turkey	16/06/2019	31/12/2020	R. Arumugam
Sharing the research facilities	Research Work	Dr.K. Sankar Ganesh, Department of Botany , Dharmapuram Gnanambigai Govt. Arts College for women, Mayil aduthurai, Tamil Nadu, India indsankar@rediffmail.com	16/06/2019	31/12/2020	M. Nagarajan
Internship	Research Work	Dr. Nandini Rajamani, INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI	02/12/2019	30/03/2020	Amira Sophia S P
Project Work	Research Work	Dr.M.Jeyaraj.M.sc.,M.Phil.Ph.D, Assistant Professor,University of Madras,National Center for Nanoscience and Nanotechnology,Guindy Campus,Chennai-600025. Contact No.9894867213	02/12/2019	30/03/2020	A. Ananthi

Project Work	Research Work	Dr.R.Senthil, Research Scientist-Bioinformatics, Periyar Maniammai Institute of Science and Technology, Periyar Nagar, Vallam, Thanjavur-613403, Contact No-9994720187	02/12/2019	30/03/2020	E. Neyamangai
Project Work	Research Work	Fantasy solutions no:16 sammath plazza 3rd floor melapudur, trichy-1 ph: 0431-4250535	02/12/2019	30/03/2020	J. Santhiya
Project Work	Research Work	I-Dreams infotech, New no.81 arcot main road, Kodambakkam, Chennai-24 Ph:044-24734647	02/12/2019	30/03/2020	G.Joice Lenancy
View File					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Department of Computer Science, A.V.V.M Sri Pushpam College (Autonomous), Poondy, Thanjaure	13/12/2019	Collaborative Academic Activities	56
M/s. estaarMax Technologies Private Limited, Chennai	20/12/2019	Training the Financial Accounting using Tally. ERP 9	55
St. JOHN AMBULANCE, Bazaar Street, Nagapattinam	10/01/2020	First AID Training	56
EPIC COATING ACADAMY, COIMBATORE	10/01/2020	Collaborative Academic Activities and Placement	56

		Activity	
ADM College for Women (Autonomous) Nagapattinam	27/02/2020	Collaborative Academic Activities	55
Thiru. Vi. Ka. College, Thiruvarur	17/06/2019	Collaborative Academic Activities	57
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
7040000	4438241

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Newly Added
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
View File	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
AUTOLIB	Partially	6.0	2005

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	79172	12277620	335	116866	79507	12394486
Reference Books	12696	3936399	935	821532	13631	4757931
e-Books	19470	Nill	Nill	Nill	19470	Nill
Digital	24	648000	Nill	Nill	24	648000

Database						
CD & Video	1056	Nil	41	Nil	1097	Nil
Others(s pecify)	16	175500	Nil	Nil	16	175500
Others(s pecify)	8	52150	Nil	Nil	8	52150
Others(s pecify)	115	187563	Nil	Nil	115	187563
View File						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. V. Arunprasath	Emerging respiratory viruses, including COVID-19: methods for detection, prevention, response and control	Power Point Presentation	03/04/2020
Dr. M. Santhini	Swayam Arpit Online Refreshal in Commerce	Power Point Presentation	16/02/2020
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	415	17	113	1	3	17	70	120	11
Added	0	0	255	0	0	0	0	80	10
Total	415	17	368	1	3	17	70	200	21

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

200 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Audio visual Laboratory Panasonic MHD3 Panasonic MDH2 with tripod For making the Video Production, Sony Voice Recorder for dubbing purpose, Desktop for making and editing E Content, Green	https://www.avccollege.net/audiovisualab/audio_visual_studio.mp4

Matte with stand and Umbrella light
with stand

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
12608000	19668803	7040000	4438241

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

The college follows systematic procedure and policies in purchasing, maintaining and utilizing the equipment. A systematic procedure is adopted for purchase of materials. First aid boxes and Fire extinguishers are installed and maintained. Annual physical stock verification is done. LABORATORY Stock Registers (consolidated, classified and issue) are maintained for proper entry. Lab assistants are appointed. Repairs, maintenance and services are done periodically. Optimum utilization of laboratory by using pre planned lab timetables. Variety of microhabitants around the campus are also used to strengthen practicals. LIBRARY Functions between 8.00 am to 8.00 pm on all working days (Saturday: 1.30 to 5.30 pm). Stocks are arranged into science, humanities, computers, reference and competitive examinations with call number. New journals and periodicals are displayed in new arrivals rack. M.Phil. thesis are kept in a separate place as reference material. Reprographic facilities are available with subsidized charges and 16 Surveillance cameras are installed. Stock rooms are available for back volumes. Book catalog and availability can be verified with OPAC facility. Regular pest attack prevention and control measures are done. Useful newspaper clippings about the College, job, awards, research etc. are displayed. Digital library with 10 computers is available for users to access digital resources. 10 Computers to download ebooks and ejournals using INFLIBNET and DELNET databases and to access other databases. Separate reading rooms for reference section, competitive examinations, periodicals, etc. Staff and students borrow books using their ID card and attendance is by bar code entry system of ID. Conducts essay and elocution, competitions to motivate the students and award best student library user and allow library for research scholars and students of neighboring colleges. SPORTS AMENITIES Two play grounds are available with 400m running tracks and sitting gallery. Two Directors to educate and motivate students and regularly conduct trials for games and athletic events. Marker maintains playfield and supplies play kits and monitor electrification and water supply. Gym enables students and staff to keep fit and kept open from 9.00 to 4.00 pm regularly (also 6.00 to 8.30 am and 4.30 to 7.00pm). Promising players in different games and athletics undergo regular practice. Facilities are used to host annual sport and external competitions. Obstacle course and firing range for the utilization by NCC cadets. COMPUTER Only branded computers, accessories are procured and have UPS and Generator. By providing efficient timetables students are give individual computers. Both LAN and WAN are maintained by OFC cabling. SONIC FIREWALL security software is used for monitoring. BSNL Internet service is provided through leased line with 120 MBPS speed. Computers and Air Conditioners are serviced by trained technicians. Students are motivated to pursue NPTEL, SWAYAM and other online education platforms and to use language lab CLASS ROOMS Office establishment section performs building maintenance and repair works. Has adequate furniture, lights, fans and electrical points. Repair works, replenishment of materials and plumbing are carried out. Buildings are

installed with lightning arresters and RO water supply. After working hours rooms are utilized to conduct club meetings, competitions and certificate courses.

https://www.avccollege.net/pdf/procedures_policies.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Management/NGO	78	567113
Financial Support from Other Sources			
a) National	MBC/BC/DNC/SC/ST AND OTHERS	1850	6846140
b) International	Nil	Nil	Nil
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Thinnai - Special lecture - 'Vazhviyal Arignar Bharathi'	19/12/2019	100	Dr. S. Suburathinam, former Associate professor, DAAC College, Dharmaburam
Thinnai Special seminar on 'Ratchasi' film review 'Aramsar Aaseriyar Pani'	22/08/2019	100	Prof. K. Balamurugan, Assistant professor of Tamil, A.V.C. College
'Thinnai' Special lecture - 'Sivapuranathil Sivagnapetham'	07/08/2019	100	Prof. Sambantha Moorthy, former Head, Department of Zoology, Poompuhar College, Melaiyur.
Thinnai - Special lecture 'Padaippakka Nokkil Pirkala Cholar Varalathru Karuthiyalkal'	06/01/2020	100	Dr. V. Rajendiran, Assistant professor of History, A.V.C College, Mannampandal.
'Thinnai' Special lecture view of celebrating the Birthday of U.Ve. Sa.	19/02/2020	100	Dr. V. karthik, Assistant professor, Government Arts College, Kumbakonam
'Thinnai' Special lecture 'Uolakin	21/02/2020	100	Dr. Orissa Balu, the Tamil

Muthakudi ThamizhKkudi'			researcher, writer
Shrilosani Varadharajulu Endowment Special lecture 'Varalatra Puthinagalil Varalaru Meetedupbum Meelvasipum	22/02/2020	100	R. Muthukkuru, the writer of the historical novel called 'Sulunthi'
Dr. D. Gunasekaran - Endowment Special lecture 'Tamizh Mozhithonmaium Sirappum' and 'Tholkappiyam Nannool Opedu'	24/02/2020	100	Dr. K. Tamizhazhakan, Assistant professor of Tamil, Dr. K. Sundharapandiyan, who received the Young Scientist Award
Dr. K. Sembian Endowment lecture 'Tholkappiyarin Thodariyal Chinthanaikal'	25/02/2020	100	Dr. Sanmuga. Selvaganapathy,
Pattimandram 'Thani Manitha Uoravukku prithum Thunaiyai Nirpathu Natpe! Uorave!	26/02/2020	100	Prof. S. Krishnamoorthy, former Head and Associate professor of Tamil, A.V.C. College
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Stability of Differential Equations	48	48	Nil	Nil
2019	Face the Future (I B.Sc. Mathematics)	160	160	Nil	Nil
2019	Mock Interview (III B. Sc. Mathematics)	160	160	Nil	Nil
2019	III UG students for TCS	8	8	2	2

2019	III UG students for TANCET	20	20	Nil	Nil
2020	The extremal Zagreb indices of some classes of graphs.	52	52	Nil	Nil
2020	Recent Trends in Mathematics	100	100	Nil	Nil
2020	TCS Training	20	20	Nil	Nil
2020	TANCET-MCA 2020	32	32	Nil	Nil
2020	ICT Academy	50	50	Nil	Nil
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
5	5	5

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Corona Lockdown and College began Quarantine Ward	Nil	Nil	28	42	42
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	8	B.Sc	BOTONY	A.V.C. College (Autonomous)	M.SC BOTONY
2020	4	B.Sc	ZOOLOGY & WILDLIFE BIOLOGY	D.G.G. ARTS COLLEGE	M.SC

2020	1	B.Sc	MICRO BIOLOGY	S.R.M MEDICAL COLLEGE, CHENNAI	M.SC MEDICAL MICRO BIOLOGY
2020	6	B.A	ECONOMICS	A.V.C.Coll ege(Autonomo us)	M.A. ECONOMICS
2020	9	B.A	HISTORY	A.V.C.Coll ege(Autonomo us)	M.A HISTORY
2019	3	BCA	COMPUTER APPLIATION	ANNAMALAI UNIVERSITY	MCA
2019	6	B.B.A	MANAGEMENT STUDIES	ANNAI COLLEGE - KUMBAKONAM	MBA
2019	2	M.A	ECONOMICS	A.V.C.Coll ege(Autonomo us)	M.Phil ECONOMICS
2019	4	B.A	ECONOMICS	A.V.C.Coll ege(Autonomo us)	M.A. ECONOMICS
2019	10	B.A	TAMIL	A.V.C.Coll ege(Autonomo us)	M.A Tamil
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	3
Civil Services	6
Any Other	31
View File	

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

Activity	Level	Number of Participants
Online Quiz	INSTITUTIONAL LEVEL	788
LITEXPO (Literary Exhibition)	INSTITUTIONAL LEVEL	144
ELITE (Interdepartmental Drama Competition)	INSTITUTIONAL LEVEL	63
Written Quiz	INSTITUTIONAL LEVEL	60
Essay Writing	INSTITUTIONAL LEVEL	24
Elocution	INSTITUTIONAL LEVEL	6
Group Discussion	INSTITUTIONAL LEVEL	16
Group Quiz	INSTITUTIONAL LEVEL	15
Enthusiastic Student:	INSTITUTIONAL LEVEL	2

Knowledge Resource (Series- III)		
Enthusiastic Student: Knowledge Resource (Series- XXV)	INSTITUTIONAL LEVEL	1
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	WINNER	Internat ional	1	Nill	U18 6545	K.Charum athi
2020	Runner	Internat ional	1	Nill	U18 1316	M.Hari Prasth
2020	Runner	Internat ional	1	Nill	U18 1310	S.Davidl ivingston
2020	Runner	Internat ional	1	Nill	U18 6612	M.Karan
2020	GOLD	National	1	Nill	U19 6564	R.Sindhuja
2020	SILVER	National	1	Nill	U17 1711	V.Kubath irakunabal an
2019	SILVER MEDAL	National	1	Nill	U18 6616	G.Prabak aran
2019	GOLD MEDAL	National	1	Nill	U17 2753	V.Kavya
2019	Branze Medal	National	1	Nill	U17 2007	M.RAHUL
2019	Silver Medal	National	1	Nill	U19 4213	M.SETHUR AMAN
View File						

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

The college provides ample opportunities for the students to develop their overall skills as per their talents. 'Leadership and learning are indispensable to each other' and hence making the leadership quality among the students is one of the major roles of the institution. The institution has 'college union' comprised of General Secretary, Joint Secretary, secretaries for Science Association, History Association, Economics Association, Commerce Association, Tamil Ilakiya Mandram, and English Literary Association, Secretary and Joint Secretary for Sports, and Secretary and Joint secretary for Fine Arts for representing the student requirements. Each class has representative of one male and one female student for dealing class affairs. The college union holistically works for the welfare of the students and conduct meetings to enhance the recent development in the subjects and skill development. Students are assigned various responsibilities like proactive member in Academic

Council, IQAC, Anti-Ragging Committee, Student Aid Fund, etc. The students are assigned responsibility as leader or representative in Department Associations, Clubs, Forums, NSS, NCC, PEKAK, YRC, Hostel Committee, EXNORA etc. The department clubs/association/forum are lead by the students and they organize meeting and events. The student journal Viscom Times, Globus, PEKAK Plumes and Senkanthal are edited and released by the student editorial board members. The 33 years old 'Ilanthoothu' magazine is being run by the students, for the students and of the students. Yearly two issues are released in a mega function organised by the students by inviting media celebrities. All the arrangements of academic, administrative, financial, social and domestic requirement for the function and the publication of the book are undertaken by a bunch of young talented youths. Student members of Fine arts and Sports bring laurels to the institution through exhibiting their talents in numerous programmes. Student volunteers are grouped with leader and are given responsibilities while organizing intercollegiate and other programs to assist and monitor hospitality of the inmates and participants. NSS, PEKAK and other service organization leaders of the respective unit involve their subordinates in different service in the adopted villages around the college locality. NSS leaders and volunteers exhibit their social responsibilities by rendering their valuable service during Festival season and Temple Festivals. NCC cadets promote patriotism among the students by rendering their service during Independence day, Republic day, the observance of Flag day. During College day and Sports day, NSS leaders and NCC cadets are deputed to maintain and monitor disciplinary measures in the campus. The Sports day attains a special glamour by students' involvement in monitoring the track, assuming the captainship of various houses and helping to conduct matches. All the service organization leaders and volunteers take part in the institutional annual awareness rally. The hostel administration is supported by students who form the mess committee to decide the daily menu depending on the cost benefit principles. Student leaders and volunteers from various service organizations stand as a "role model" in blood donation, environmental protection and nurturing discipline to the rest of the students.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

0

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

1- Thozha Thozha - 2020 - Reunion of 1981-84 Batch Students - 38 Members, 20 Invitees, 20 Participants Participated

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

Institution implements Decentralization and Participative Management. The successful outcomes of the institution are achieved through combined efforts of all individuals who work towards attaining the vision and mission of the institution. The members from the apex to bottom including all the stakeholders

have a role to play in building an institution. Every individual involvement and cooperation in devising and implementing decision making policies for academic and administrative affairs through various bodies and committees have contributed to the growth of the college. Practice 1: Participative management:

The college promotes the culture of participative management at different levels viz., strategic level, functional level and operational level. Strategic level: The Governing body, Management, Principal, Staff council, IQAC and RD Cell define policies and procedures, framing guidelines and rules regulations pertaining to admission, examination, discipline, grievance, support services, finance, etc., Functional level: Faculty members share knowledge among themselves, students and staff members while working for achieving the tasks and goals. Principal, HoD, Faculty members, Student leader and representatives participate in different roles to yield the fruitful outcome. Operational level: Principal interacts with government and external agencies, faculty members, concerned sections of parent university. Students and nonteaching staff members join hands with the Principal and faculty for the execution of different academic, administrative, extension related, co and extracurricular activities. This academic year the online classes, activities and evaluations are quickly learnt by individuals due to decentralization and freedom to choose the strategies for successful outcomes which provided solution for Pandemic struck.

Practice 2: Decentralization of power for extending service to community: Several service organizations are involved to carry out extension activities viz., NSS, NCC, PEKAK, YRC, RRC, EXNORA student wing, Internal Compliance Committee, Consumer Club, Leo Club, Junior Jaycees, Rotaract, etc., Staff members act as coordinators and advisors and students serve as leaders and volunteers in these service channels. To carry out the extension work, the college has collaborations with Local bodies, Police Department, District administrations, NGOs, Local administrations, Religious Bodies, Government Hospital, 108 Ambulance Service, Rural community Public Health Departments, Alumni members, Forest Department, Temple Administrations for providing the community services to needy people. The decentralization of the power to different position of individuals increases the responsibilities and provides opportunity to achieve the task successfully and very effectively. The CORONA lockdown prevented many of the offline activities. However, the students extended their support as 'Student Ambassadors' to create awareness on Corona and helping hand with police and other departments to prevent the crowds and to enforce the SOP and curfew in public places. The students started the webinar series with the support of IQAC on every Saturday evening 5.00 to 6.00 pm titled as "Enthusiastic Student: Knowledge Resource" which crosses its 40th series of webinar. The students use this platform to extend their extension activities, sharing the experiences, portraying the talents and to develop their skills.

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

Partial

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	Framing of the programme skeleton takes place once in 3 years and 2 years for UG and PG Courses respectively by conducting Board of Studies meeting every year by framing year wise syllabus. CBCS pattern is followed. Mandatory Interdisciplinary papers are offered for Elective Courses and one

for Non-Major Elective paper. • Mandatory Courses on Environmental Studies, Gender Studies, Human Values and Ethics and Soft Skills for all UG courses. • Optional add on courses 'Yoga for Human Excellence, Diploma in Business Process Outsourcing (BPO), Certificate course on TallyERP9. • Subject experts from other colleges and Universities, University Nominee, Alumni and Industrial experts are included as members in the board of studies. • The model curriculum of UGC and Syllabi of UGC NET/SET, CSIR and Civil Services, Competitive Examination are referred for the preparation of course scheme and syllabus. • Interdisciplinary Papers and Compulsory project works in PG courses • Academic audit and feedback suggestions are incorporated in the curriculum designing.

Teaching and Learning

• Video Lectures, Video Conferencing, Field Study, Project Work, Industrial Visit • Use of LCD, OHP, CD's, e-resources • As Corona pandemic situation online teaching using Google meet became one of the major teaching methods • Wifi connections used for teaching and meetings • Personality development programmes. • Audio Visual lab • Language lab • INFILIBNET • Group Discussion • Internship Training and field visits and projects.

Examination and Evaluation

The college has opted for the Semester system. It is a convenient, effective, wellordered educational system. The Continuous Internal Assessment is a built in, integral part of the semester pattern. It is a continuous evaluation of the development and knowledge of the students by the teachers. • The End Semester Examination (ESE) is used to evaluate the student on the sum total of his achievement during the Semester. C.I.A. is mainly intended to provide feedback to the teacher and learner about the continuous progress of the student as he/she learns. • As per the UGC Guidelines and Bharathidasan University order the modified study period for UG courses is 3 years, time span 2 years. The student should complete the degree within Five years. As per the UGC Guidelines and Bharathidasan University order the

modified study period for PG Courses is 2 years, time span 2 years. The student should complete the degree within 4 years. • Three Assignments are given in each paper in a semester. Two CIA Tests are conducted in each paper in a Semester. Each student shall take a seminar in each paper. Performance in seminar will be assessed by the respective Staffincharge of the CIA. For the the Semester Examinations question papers are set by external examiners and the answer scripts were valued by the competent internal examiners due to Corona pandemic situation. There is only one valuation of UG answer scripts and also for the PG courses due to Corona • Students can apply for Retotaling, and Revaluation of answer paper of valued answer scripts. Viva-voce examinations are conducted once a year. Practical examinations are conducted every semester.

Research and Development

Separate Research and Development Cell • Meeting for Research Scholars and Junior Faculties for Publications, Ethical aspects of Publications and Research • Periodical Publication of College Level Private Circulated Journal 'Mayur' to bring the scientific contributions by staff, scholars and students • Incentives and Awards for research articles published and book publications • Students are motivated to apply for financial assistance in various funding agencies. • Centralised Laboratory is established for research and teaching purposes. • Experimental plots, green houses, Botanic garden, lab to land extension centres, Indigenous Plant Grooves are available for research purposes • Teachers are given special Award for their significant contribution, i.e., paper published in International peer reviewed Journal with Thomson Reuters impact factor (above 2.0 for Science faculties above 1.0 for Social Science faculties) Book published with ISBN Number Obtained external funding for research and associate activities Faculties who crossed the citation index of more than 250 in Google Scholar account. • Quality publications by students are appreciated by providing financial assistance. • By having foreign faculties/ experts

interactive meetings are arranged for staff and students. • Departments are encouraged to have MOUs, financial support and collaborations for National Academy Lectures, special trainings, conferences, etc., • Mandatory public pre submission presentation of dissertation by M.Sc. students and M.Phil. Research Scholars.

Library, ICT and Physical Infrastructure / Instrumentation

Both Hard copies and online subscriptions are continued for the Journal of international quality to provide quality resource materials to promote research environment among faculties and students. e-books are purchased and added to digital library to enhance the accessibility • Additionally 10 routers are fixed in different buildings to enhance the Wifi connectivity • Office based data are maintained by using Centralized server facilities. • CCD Camera and Public Addressing System (PAS), Intercom, and Networking facilities were extended. • Firewall protected WiFi connection provided to the staff and Post Graduate students, Research scholars who own personal laptop. • Computer with Internet facility at the Department for faculties. • Literature databases are enhanced in the library such as Delnet, Nlist, etc. • Every department is equipped with audiovisual facilities such as podium, LCD, interactive device, internet connection, laptop, etc. • Institution has common seminar hall, auditorium and multipurpose hall. • Separate hostel for boys and girls with common rooms, social areas, library facility etc. • NCC Facility with obstacle range, firing range, etc. • Laboratories and departments are equipped with fire extinguisher, first-aid box. • RO water facility is given for the students in different departments and every building. • Subsidized canteen facility is available in the campus. • Well furnished Guest house is in the campus • Central instrumentation lab was established for increasing research outputs. • Bus facilities from various rural places with nominal charges. • Bank facility is available in the campus itself • Student cooperative store is in operation for providing books, stationary items for the students. • Subsidized reprographic

facility is available in the library for the students to photocopy the learning resources • Coin phone boxes are available in the campus for the usage by the students.

Human Resource Management

Recruitment of staff based on UGC/MHRD and state Government norms. IQAC conducts Faculty Development Programme periodically. • A workshop for administrative staff is also conducted. Research and Development Cell provides guideline for the faculty is seeking minor and major projects. • Faculties are in charge of various academic activities and service organizations. Incentive scheme is introduced for encouraging reference culture. • Ph.D. allowance is granted for staff members. Staff Club helps in maintaining cordiality and good will among the members. Every department has student mentors and counselors. • Based on preestablished workload teaching and nonteaching staff are appointed and managed by the authorities. • Almost all the vacancies in the Aided section are filled and approved.

Industry Interaction / Collaboration

Various departments of the college had interactions with institutions through the student research projects, viz., Sparktronics, Trichy I-Dreams infotech, Chennai The Cloud Lab inc., Trichy Invictus Technology Solutions Pvt Ltd., Chennai Nexaware inc., Trichy Fantasy solutions, Trichy My infotech, Trichy ONGC, Karaikal G.S. Products, Kumbakonam SOLARA Active Pharma Sciences, Cuddalore LYSINE Biotech Private limited University of Madras, National Center for Nanoscience and Nanotechnology, Chennai SACON, Coimbatore WWF IISER, Thirupathi Advanced Institute for Wildlife Conservation, Chennai Maharashtra Forest Department Aaranyak, Wildlife NGO, Guwahati Department of Biotechnology, Bharathiyar University, Coimbatore Department of Bioinformatics, Periyar Maniammai Institute of Science and Technology, Thanjavur Department of Microbial Biotechnology, Bharathiar University, Coimbatore Department of Environmental Biotechnology, Bharathidasan University, Tiruchirappalli Department of Biotechnology, Periyar Maniammai Institute of Science and Technology,

Thanjavur. Department of Tamil collaborated with Bharath Rural and Urban Development organization of Tamil Nadu, Department of Folklore, Tamil University, Thanjavur, Sakithya Akademi, Chennai, for organizing seminar and conferences. Science Association of A.V.C. College (Autonomous) with Breakthrough Science Society, Tamilnadu Chapter organized public awareness on the "Science behind the annular solar eclipse" using various tools to view the eclipse, a rare celestial event occurred on 26.12.2019. An Employability Skill training in Technology and Soft skills was jointly organised with TNSDC (Tamil Nadu Skill Development Corporation) by Department of Computer Science. Also collaborated with ICT Academy of Tamil Nadu for various power seminars. Department of Microbiology organized "Career Guidance programme in Medical Coding" along with Omega Healthcare Private Limited. Students of the Department of Microbiology assisted in the Medical Camp organized by Health and Family Welfare Department, Government of Tamilnadu. Department of Zoology and Wildlife Biology collaborated with Forest Department of Tamil Nadu for different census programme in different forest divisions.

Admission of Students

The online application is introduced for UG and PG admissions which can be accessed from the college webpage. Applicants can give choices of five courses as per their preference and eligibility in a single application. Applicants are admitted through single window system by using telephonic counselling due to Corona Lockdown. The seat capacity, admission procedure and eligibility criteria are displayed in college website and notice boards well in advance of the date of admission. Based on their marks, the rank list is prepared and displayed in the notice board. He/she can choose their desired subject during counselling depends upon the availability of seat in the respective quota based on the Guidelines of the Government norms. The first counselling is conducted for special category applicants viz., Differently abled, sports person, NCC and Ex-service man quota.

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

E-governance area	Details
<p>Planning and Development</p>	<p>College Website is used for dissemination of information for different stakeholders. Internet, email and mass SMS are used for communication. ERP software was purchased in which the data entry/conversion are taking place for the examination and administration purposes</p>
<p>Administration</p>	<p>Homemade programme and macros are used for attendance and computing and consolidating the CIA components AutoLib Integrated Library Management Software is used. Online connected CCTV Surveillance cameras in the campus and canteen, library and waiting hall. Electronic Public Address System in all class rooms, laboratories, staff rooms, and waiting hall Internet and email for business communication/transactions.</p>
<p>Finance and Accounts</p>	<p>Programme and macros developed indigenously are used for computing and consolidating the accounts Financial statements electronic fund transfer is used through the bank. IFHRMS is used for salary disbursement.</p>
<p>Student Admission and Support</p>	<p>Applications are received through Online mode for UG and PG admissions which is linked in the college webpage. Applicants can give choices of five courses as per their preference and eligibility in a single application. Applicants are admitted through single window system by using telephonic counselling due to Corona Lockdown. The first counselling is conducted for special category applicants viz., Differently abled, sports person, NCC and Ex-service man quota. In addition, for supporting students OPAC Library Management Software is used for catalog, Progress through mass SMS to students parents declaration of examinations results through internet access to course materials through digital library, specialized computer labs for specific programme such as MatLab, GIS, Bioinformatics.</p>
<p>Examination</p>	<p>Homemade indigenously designed and developed Programmes are used for different aspects publication of results through college website. ERP software was purchased for examination</p>

and administration purposes. The data uploading/conversion/entry is taking place at the movement for the implementation.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr.S.Dharmaraj	Transformation of A Village into Town in Kongu Upland: Historical Perspective	BestCollege,S irkali	500
2019	Dr.S.Dharmaraj	Women Folk in Agrarian Economy	A.R.C. Visvanathan College, Sitherkadu, Mayiladuthurai	1000
2019	Dr.S.Selvi	Sanga Ilakiyathil Magalirn urimaikalum kadamaigalum	A.V.C.College ,(Autonomous)Ma nnampandal	Nill
2019	Dr.S.Selvi	Need of the Day	A.V.C.College ,(Autonomous)Ma nnampandal	500
2019	Dr.S.Ramalingam	Judge on the Regional and state level science exhibition-2019	Jeevanandam G ovt.Hr.Sec.Scho ol, Karamanikuppam	Nill
2019	Dr.S.Ramalingam	Invited talk in National conference on Photovoltaic Technology (NCPT-2020)	St.Josephs college of Arts and Science (auto),Vellore	Nill
2019	Dr.S.Ramalingam	Invited speaker in International conference on Recent trends in Advanced funcional materials (ICRTAFM-2K20)	Idhaya College for wom en,Kumbakonam	Nill
2019	Mr.K.Singarav elan	Judge on Science	St. Paul's Girls Higher	Nill

		Exhibition and Mathematical Seminar	secondary school, Mayiladuthurai. Organized by tamilnadu government school education	
2019	Mr.K.Singarav elan	Resource person in the state level workshop on Annular Solar Eclipse	Tamilnadu Science Forum Science Communication Subcommittee and organized by Knowledge Institute of Technology a Kakkapalayam, Salem (Dist)	Nil
2020	Dr.P.Anbusrin ivasan	Life Membership	Association of Chemistry TeachersMembershi P	1500

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	Research Funding, P ublication Ethics and Plagiarism	Nil	22/02/2020	22/02/2020	90	Nil
2020	Coaching for NET and SET examination (Online mode)	Coaching for NET and SET examination (Online mode)	26/05/2020	17/06/2020	80	3
2020	Three Day FDP on Research Methology	Nil	18/06/2020	20/06/2020	189	Nil
2020	Orientat ion programme on Realizing Rights of	Orientat ion programme on Realizing Rights of	07/03/2020	Nil	185	7

	Wome	Wome				
2020	Nil	Hands-on training on Tally.ERP9 for non-teaching staff	19/02/2020	20/03/2020	Nil	9
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Week National Level Faculty Development Programme webinar on "Research Methodology: Emerging Perspectives, Challenges and Opportunities" Organised by Government First Grade College, Badami-587201	1	25/06/2020	31/07/2020	7
National Level online Faculty Development Program on innovation to Academicians Sponsered by NSTEDB, DST, Govt. of India, New Delhi, associated with Ramachandran College of Engineering	1	11/05/2020	16/05/2020	7
Online Faculty Development Programme on "MATERIALS SCIENCE NANOTECHNOLOGY (FDP-MSNT-2020)"	1	03/08/2020	17/08/2020	15

<p>organized by Department of Chemistry, B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai-48</p>				
<p>National Level Online Multi Disciplinary Short Term Course on "MOOCs, Creation of E- Content Development and OERs" Organized by IQAC, Government First Grade College, K R Puram, Bengaluru</p>	1	05/07/2020	14/07/2020	10
<p>National Level online Faculty Development Program on innovation to Academicians Sponsored by NSTEDB, DST, Govt. of India, New Delhi, associated with Ramachandran College of Engineering</p>	1	11/05/2020	16/05/2020	6
<p>Faculty Development Programme webinar on "Research Methodology" Organised by Research and Development Cell and IQAC of A.V.C.College (Autonomous), Mannampandal, M ayiladuthurai-6</p>	1	18/06/2020	20/06/2020	3

09305				
Faculty Development Programme webinar on Outstrip of Catch22" Annai College	1	25/05/2020	31/05/2020	7
Online Faculty Development Programme on "Advance in Material Science " organized by Department of Chemistry, Jeppiaar Chennai-48	1	05/06/2020	06/06/2020	2
One Week Faculty Development Programme on Research Methodology: Tools and Techniques, organised by the Department of History, M.V.Muthiah Government Arts College for Women, Dindigul	1	18/06/2020	24/06/2020	7
National Level Live Faculty Development programme(webinar) on Future of Examinations: Blooms Taxonomy and Multiple Assessment Tools conducted by G.T.N Arts College(Autonomous), Dindigul, Tamilnadu.	1	08/06/2020	08/06/2020	1
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time

Nil	7	Nil	27
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6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Group insurance through universty, UTI Pension Scheme, Employment provident Fund, Mediclaim, Previlage leave, Maternity leave	Group insurance through university, UTI Pension Scheme, Employment provident Fund, Mediclaim, Previlage leave, Maternity leave	Group insurance through university, Fees concession for sports and poor deserving students

6.4 – Financial Management and Resource Mobilization

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

College undertakes Internal and external Financial Audits regularly at periodic intervals. The Chief Superintendent checks the accounts thoroughly and prepares the monthly account statement. The college Education Committee reviews and passes the monthly account in the periodical meeting. Thiru. M. Sundaramahalingam, B.Com., FCA, Chartered Accountant, Mayiladuthurai is the internal financial auditor for the college. The annual internal audit is being conducted by auditor by checking all financial items and systems associated with the finance. He submits the findings and suggestions in the form of report at the end of every financial year to the college. The internal audit makes the college record the transactions error free and helps to identify the process system that leads to mistakes. The college receives funds from government and government funding agencies such as MHRD, UGC, DST, MoEN, CSIR, and hence mandatory government audits by officials of Joint Directorate of Collegiate Education and the office of Accountant General, (A E), Tamil Nadu are undertaken. Apart from this, the activities carried out by the college through special funds received from the funding agencies are audited separately by the Chartered Accountant as per the agencies concerned. The utilization certificate along with the audited accounts is submitted to the agencies concerned. Auditor Objections are dealt whenever auditing takes place. The clerks and superintendent verify clarifications and make rectifications. The queries, classification and objections of whatever may be the audit are settled at the time of audit with sufficient evidence and documents.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Six Deferent endowments	1445000	Deferent Purposes
View File		

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	External experts from various	Yes	Institutional authorities

		Institutions		
Administrative	Yes	Joint Director of Collegiate Education, Autonomous Grant Audit	Yes	Institutional Auditor

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

Not Existing

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

Training and support are extended to enter data on "Tally.ERP.9". Office based administrative staff were also trained in using storing and managing office based data bases in centralized server system. Office staff has been sent to participate the PFMS. Personal tutorials are given to supporting staff during computer trouble shooting by computer experts, programmers, and teaching staff.

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

? Efforts are made to fill permanent vacancies regularly bu getting Government of TamilNadu approval and currently only seven vacancies are yet to be filled who got retired on the last two years. ? Many interdisciplinary, multidisciplinary, innovative and job oriented courses were introduced at UG and PG level. ? The number of faculties with Ph.D., degree is enhanced significantly and motivated them to participate national and international seminars and conferences.
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6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Data compilation of Criteria I and II	09/03/2019	09/03/2019	09/03/2019	35
2019	Data compilation of Criteria III and IV	09/04/2019	09/04/2019	09/04/2019	39

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants
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			Female	Male
Awareness Programme - Gender Sencitivity and nutrality	19/09/2019	19/09/2019	126	124
Kavalan- SoS App	13/12/2019	13/12/2019	162	9
Relaising right women	07/03/2020	07/03/2020	50	Nil
Women, the sculptors of society	20/07/2020	20/07/2020	180	20
Quiz - Comprehending the rights of women	02/07/2020	02/07/2020	1000	89
Women empowerment	01/08/2020	01/08/2020	40	20

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

Percentage of power requirement of the University met by the renewable energy sources
<p>A paper on Environmental Studies prescribed to the students to generate awareness on Environment and motivate the students to conserve the natural resources. • Annual Environmental Awareness Rally jointly by all AVC Educational institutions on 24 December 2019 • In the chemistry laboratory, the experiments are conducted in microscale level to reduce the harmfulness of chemicals. • Tree plantation, Environmental rally, Restriction on the usage of plastics, Ecofriendly laboratory experiments are carried out. • Maintenance of Botanical garden with medicinal herbs and waste recycling (Composting). • NSS in association with NGO Vanam plated 174 indigenous plants to crate traditional groves which is also excellent demonstration plot for botany and other life science students • Students have converted the unused land, prepared the soil and planted 300 teak tree saplings. • 'Swachh Bharat' Clean India Mission initiative has been taken up and the activity has been well appreciated. • Vermicompost are prepared and distributed. • Implementation of LED Lightings in the main campus and hostels to reduce the electric energy requirements. • Solar Energy lighting system begins to turn on the Street lights before the Memorial Statue of former committee Members is the initiation step to power our Electronic System by alternate Energy that is Solar • Environmental Microbiology offered by our students (B.Sc., M.Sc.,) creates awareness about importance solid and liquid waste management by using microbes.</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Ramp/Rails	Yes	18
Braille Software/facilities	Yes	5
Rest Rooms	Yes	10
Scribes for examination	Yes	9

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	21/06/2019	1	. Inter national Yoga Day	Sidha Medicine unit of Manalmedu government primary health centre	100
2019	1	1	22/07/2019	1	. Jal Sakthi Abiyan - Water Management and Rain Water Harvesting awareness rally	Mannampandal Panchayat Union	300
2019	1	1	10/09/2019	1	Blood Donation Camp	Govt. Hospital, Mayiladuthurai.	60
2019	1	1	02/10/2019	1	Gandhi Jayanthi was celebrated with non violence awareness	Mannampandal Panchayat Union	300
2019	1	1	19/10/2019	1	Railway Passengers Awareness Programme on "Safe Dewali"	Mayiladuthurai Junction	30
2020	1	1	25/01/2020	1	Voter's Day Awareness Rally Programme	Mannampandal Panchayat Union	200

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
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Value Education, Human Values and Ethics	18/07/2019	Guiding the students to adhere to the instructions given in college hand books. Indiscipline and disobedient students are tamed. Periodically at wanted times parents are asked to visit the departments. Performance of the students are narrated to the parents
Code of Ethics to Check Malpractices and Plagiarism in Research, Bharathidasan University, Tiruchirappalli	19/07/2019	Guiding the scholars and researchers about Conceptual Contours of Ethics/Malpractice/Plagiarism, Plagiarism in Research. Our College Research Centre or governed by the rules and regulation of the university. Hence the scholars should follow the research ethics of the university

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of Samathuva Pongal day	12/11/2019	27/11/2019	4000
Seminar on Pollution and Awareness	27/09/2019	27/09/2019	100
Celebration of International Yoga Day	21/06/2020	21/06/2020	76
Dr. A.P.J. Abdul Kalam Birthday Celebration	15/10/2019	15/10/2019	35
View File			

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

<ul style="list-style-type: none"> • NSS in association with NGO Vanam plants 174 indigenous plants to create traditional grove which is also excellent demonstration plot for Botany and other life Science students.
<ul style="list-style-type: none"> • Maintenance of Botanical garden, medicinal herbs and provision for waste recycling (Composting) and made mass planting of teak saplings.
<ul style="list-style-type: none"> • Campus Green Auditing using Students' EXNORA.
<ul style="list-style-type: none"> • Rainwater harvesting and water management.
<ul style="list-style-type: none"> • Usage of flex boards prohibition and plastic free zone campaign.
<ul style="list-style-type: none"> • Vermiculture and Solid waste management.

- Students are encouraged to use bicycles instead of fuel vehicles.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Practice 1: Sharpening the Employability Skills and Enhancing the Placement Opportunities
Goal: Many students lack employability skill due to inadequate practical knowledge, lack of exposure, inhibition to talk. Purpose is to sharpen the soft skills to perform well in interview and to get placement.
Processes: Students are provided trainings to understand different types of employability skills. **Practice:** Students are asked to enrol in intensive soft skill training with 1520 resource persons with different expertise. Students understand different soft skills through experiential learning. **Evidence:** Students developed confidence and attend many campus placement interviews. **Experience** boosted students' self-reliance tremendously. Participation in the course enhanced the healthy competitions among the students and increased interpersonal communications to establish new friendship and ultimately made them to join in the job. **Conduction** of the course prior to interview made them to get placements easily. **Problem faced:** Time for conducting course is extremely restricted and students found stressful amidst working days and caused inconvenience to part-time job holders. The financial constrain became significant for economically backward gradates. COVID pandemic situation disrupted the activities particularly the campus interviews and drives. **Resource required:** To reduce the financial constrain and to make the students to attend the training CSR support are obtained. Further, students need to stay long hours during the course time.

Practice 2: Promoting Social Responsibility and Character Building of the Students
Goal: Aims to inculcate among students the desire to serve for community and shape their character. Students are from different level of economic and social status. Most of the parents make students to be extremely comfortable which makes students to think selfishly. They should understand their social responsibilities to serve to community.
Processes: Students are asked to enrol any one of the service organizations. Make them to understand purpose and necessity of social service and ways of providing service. Student visited adopted villages to understand life style and socioeconomic status of the people. **Practice:** Students are asked to attend many day camps to understand services which villagers require. Based on their requirements students make plan and execute community services. **Evidence:** Student planted saplings along with the villagers near to their dwellings. Also students assessed people status and suitability of getting funds from the Government schemes, loans, etc. Students conducted awareness rally, distribution of bit notices, discussion with the villagers, etc. **Problem faced:** Time spent for the service is inadequate. Availability of villagers without prior information curtails contact hours and continuous processing and monitoring. The COVID pandemic situation prevented many of the offline field activities. However, the students started the webinar series with the support of IQAC on every Saturday evening 5.00 to 6.00 pm titled as "Enthusiastic Student: Knowledge Resource" which crosses its 40th series of webinar. The students use this platform to extend their social responsibility to the society and developing the characters of co-operation, appreciating and motivating the peers, leadership, enhancing the self-esteem, etc., **Resource required:** Financial support is restricted. Logistic/travel support to the village is major constrain.

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

https://www.avccollege.net/pdf/best_practices.pdf

7.3 – Institutional Distinctiveness

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

More than six decades old rurally located college provides excellent facilities to educate around 60 first generation graduates, empower 55 of women, and uplift 70 of socially backward students which ultimately enhances the quality of life of people. Excellent infrastructure • Aesthetically landscaped green campus in 54 acres with gardens and greenery. • 92 spacious classrooms, 19 well equipped laboratories, 5 computer labs, 27 ICT enabled smart class rooms. • Library with almost one lakh books enabled with INFLIBNET, DELNET, and N-List. • Velautham Auditorium with 250 seating capacity and 150 capacity air-conditioned Seminar Hall with ICT facility. • PEKAK multipurpose hall with 2500 seating capacity with 1000 gallery capacity. • Health centre with 7x24 ambulance facility. • Two play grounds with sports amenities for games and athletics. • Fine Arts association trains and promotes cultural activities. • Facilities for differently abled students along with academic supports. • Psychology counselling cell. • Student's cooperative store with reprographic facility. • Separate hostels for boys and girls. • 16 station Gymnasium. • 32 buses with subsidized fares to reach remote areas. • 26 surveillance cameras. • Waiting and dining hall facility with adequate natural ventilation and fan facilities. • Public Addressing System. • Subsidized canteen. • Two helipads • High Tension 500 KVA power supply with OLTC Transformer and totally 785KVA generator for uninterrupted power supply. • Availability of Botanical Garden, Experimental plots, Zoo and History museum, Extension unit • Sophisticated guest house • Video conference facility, Diagnostic centre and Soil testing laboratory. Curricular aspects • Following CBCS, care to design curriculum that suits local/national/global needs. • Regular Syllabus revision. Mandatory Interdisciplinary papers are offered for Elective courses and for one Non-major Elective paper. • Mandatory Courses on Environmental Studies, Gender Studies, Human Values and Ethics and Soft Skills for all UG courses. • Optional add-on certificate courses 'Yoga', BPO and TallyERP9 • Remedial Coaching for slow learners. • Bridge and Orientation courses for fresher for creating awareness Co-curricular activities • Six NSS units, One NCC Unit and 13 units of PEKAK extension activity for providing community services. Extracurricular activities • Participation in different intercollegiate/ Zonal/ State/National/International competitions by Sports, Fine Arts, etc. Soft skill Development Activities • Student Seminars, Study Tours, Projects and Internship Programmes. • Guest lectures, soft-skill programmes, Mock interviews, and hands-on training programmes life coping skills. • Target CE for Competitive Examinations. • Placement Cell to enhance placement opportunities. Skills imparted to emerge as Independent Thinkers Entrepreneurs • Equal Opportunity Center serving the underprivileged. • Women empowerment initiatives. • Student Magazines viz., GLOBUS, VISCOM Times, PEKAK Plumes, and Senganthal - enhance creative and literary talents. • More than 30 years old "Ilanthoothu" a magazine by students for community to identify, nourish and enhance talents of the student community. • College magazine "PEKAK" to motivate students to bring out their talents in writing and artistic skills. • College journal 'Mayur' to bring scientific contributions by staff, scholars and students. • Departments: Wildlife Science Forum, Newton Bonds, Thennai, Dr. Johnson Reading Forum, SWIFT, PG Nook, Keynes.

Provide the weblink of the institution

https://www.avccollege.net/pdf/Institutional_Distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

Enhance the online tools to overcome the pandemic situation by exploring avenues available for teaching and evaluation To avoid the COVID hindrance, regular meetings, academic activities, are to be conducted effectively using online

tools. Encourage the students to continue "Enthusiastic Student: Knowledge Resource" to bring out their talents, boost their confidence, and to achieve the goals through online tools To submit the SSR to the NAAC and to have assessment and accreditations and to continue to submit the NIRF data To have placements training as much as possible and to have opportunities for having campus drives, interviews to enhance the placement opportunities To enhance the department wise value added courses to sharpen the skills and to enhance the employability skills of the students. Efforts to enhance the number of field / industrial visits for the students, internship training, and Students' interaction with experts from various institutions, industry, Governmental and Nongovernmental organizations. To enhance the number of tailor-made softwares using the experts available in the Department of Computer science for fulfilling the requirements.