



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	VISHWAKARMA COLLEGE OF ARTS COMMERCE AND SCIENCE
Name of the head of the Institution	Dr Arun R Patil
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	07888076565
Mobile no.	9011001178
Registered Email	aapatel@vcacs.ac.in
Alternate Email	info@vcacs.ac.in
Address	Laxminagar, Kondhwa (Bk)
City/Town	Pune
State/UT	Maharashtra
Pincode	411048

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	private
Name of the IQAC co-ordinator/Director	Prof.Anjum A Patel
Phone no/Alternate Phone no.	09545509844
Mobile no.	9011001178
Registered Email	aapatel@vcacs.ac.in
Alternate Email	a_r_patil2001@yahoo.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://vcacs.ac.in/FileDownload/AOAR18.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://vcacs.ac.in/FileDownload/AC2019-20.pdf

5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	2.52	2017	22-Feb-2017	21-Feb-2021

6. Date of Establishment of IQAC	10-Sep-2015
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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
Workshop on Fitness and	07-Mar-2020	36

nutritional therapy - For Teaching & Non Teaching Staff	1	
International Seminar on Opportunities of studying in University of Huddersfield - For BBA, BBA(IB), BBA(CA), BSc(CS)	22-Oct-2019 1	85
International Seminar on Opportunities in UK after Science Graduation	14-Feb-2020 1	51
4 Days Workshop on Cross Platform Mobile App Development - Android work Environment (Micorsoft Certification) For BBA(CA), BSc(CS)	13-Dec-2019 4	38
International Seminar on Earn and learn in Korea With Opportunities of Higher Education	07-Oct-2019 1	48
4 Days Workshop on Hands on Mongoddb Database Practical Session -For MSc(CS)	05-Oct-2019 4	49
3 Days Workshop on Microsoft Certification in Python - For BBA(CA), BSc(CS), MSc(CS)	14-Sep-2019 3	42
2 Days short term Workshop on Python Programming Language - For BBA(CA), BSc(CS), MSc(CA), MSc(CS)	21-Aug-2019 2	112
Seminar on career Counseling program about DBF (Diploma in banking and finance)- For Bcom,BBA & BBA(IB)	29-Jul-2019 1	118
Seminar on English Language Enhancement -for Non Teaching Staff	09-Jul-2019 1	14
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	2020 0	0

No Files Uploaded !!!

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 :

3

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)

• ISO (International Organization for Standardisation) is Implemented from 1/10/2019 for enhancement of standards. • International Industrial Visit i. THE GEMS GALLERY (Bangkok, Thailand) and ii. SIAM STEEL SYNDICATE PLC.(Bangkok, Thailand) •Administrative and Academic Audit by External Agency External audit done by AAA for the academic year 201920. •Under Industry Sponsored Project BBA students are sent to Extenity System Pvt. Ltd. • International MoU signed between 1) Huddersfield University, UK and 2) Yewon Arts University, South Korea

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

Plan of Action	Achivements/Outcomes
ISO Certification(International Organization for Standardization)	ISO is Implemented from 1/10/2019 for enhancement of standards.
International Industrial Visit to - 1. THE GEMS GALLERY (Bangkok, Thailand) 2. SIAM STEEL SYNDICATE PLC.(Bangkok, Thailand)	Tour Dates: 11 th Jan, 2020 to 16 th Jan, 2020. (Industrial Visit - 16 th Jan, 2020) Total 20 students of BBA and BBA(IB)benifited from the visit. Exposure Provided to students at global level which enabled them to learn the cross cultural management practices, comparative analysis of the business phenomenon and opportunities in various countries.
Administrative and Academic Audit by External Agency	External audit done by AAA for the academic year 2019-20.

Industry Sponsored Project-BBA students sent to Exenity System Pvt. Ltd for Industrial Projects	Two projects namely Waste Management(Duration 368 days) and Working Capital Management (Duration 390 days) done by students.Objective Of Waste Management project was to control the ill impact of waste on the environment and of Working Capital Management Project was to Minimize the cost of capital spent on the working capital.
International MoU signed between Huddersfield University and Yewon Arts University, South Korea.	MoU between Huddersfield University signed to provide International webinar, workshop, research guidance session, Intrenships, student exchange program.MoU between Yewon Arts University, South Korea. signed for providing placements in Korea, Summer Internship program for students.
International Seminar on Earn and learn in Korea With Opportunities of Higher Education	The International seminar was conducted by Prof.Kim Jintho and Mrs.Kum Kyungran on 7/10/2019 .The seminar aimed to provide the platform for students to know about Earn and learn in Korea With Opportunities of Higher Education. 48 students participated in the international seminar.
Implementation of CBCS	Choice Based Credit System for UG courses implemented from academic year 2019-2020
Planning of Seminar and workshop for Teaching and Non teaching staff members	Two seminars for Non teaching staff members were organized on 17/6/2019 and 9/7/2019 namely Essentials of dealing with Situation and English Language Enhancement.One day workshop on Fitness and Nutritional therapy for Teaching Non Teaching Staff members organized on 7/3/2020.
Introducing new Post Graduate Courses M.Sc(CA) and M.Com from academic year 2019-2020	Enhancement of Employability.
International Seminar on Opportunities of studying in University of Huddersfield - For BBA, BBA(IB), BBA(CA), BSc(CS)	Dr.Jonathan Wakefield from Huddersfield university,UK helded the seminar on 22/10/2019. Total 85 Students benefited with information about education in University of Huddersfield,UK high standards of teaching and learning and excellent facilities.Efforts have been made to provide the platform to inspire students for International Education.
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
General Body	02-Mar-2020
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	24-Jan-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>College has implemented Partial MIS • College has been using an online Management Information System, Vriddhi. • Hall tickets of the examination are generated through this system. • Results : Results of all the first year of UG courses are also prepared through Vriddhi software in stipulated time. • Students Database is generated through this system • Administration:the attendance of all employees is maintained through biometric method • Finance Accounts : Maintenance of college accounts,income details ,information of employee salary ,provident fund of staff are carried out through Tally software. • Library : Library uses SLIM 21 Library Management software. • There are WIFI access points withWIFI router to provide WIFI network facility to the campus users. CCTV cameras are installed at different places within the college campus .</p>

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The College gives weightage to academic improvement and equal importance is given to overall development of students by encouraging them to work with various forums of the college. ? The institute is conscious about the changing scenario of the world under the impact of globalization which demands different skills from the students. ? To cater this need the institution has introduced

SPPU affiliated programs like B.B.A., B.B.A(IB), B.Sc.(CS) and B.B.A(CA) formerly known as B.C.A. ,Msc(CS),MSc(CA),M.Com. In addition institution has started foreign language certificate courses (German, Japanese, French, and English) and Personality Development courses. ? The Institute follows the academic calendar provided by the affiliating university. Apart from that the computer department help other faculty to use computer so that they are able to use modern technology like projectors, internet etc. ? The institute has realized that the ICT helps in smooth functioning of teaching, learning and administration so it is being applied in steps whenever and where ever possible and feasible. ? The college organizes workshops, seminars from various fields to share their knowledge with students. Institute also believes the overall development of students by forming Student Council, Cultural Committee, Sports Committee, NSS Committee etc. ? The students are also taken out for educational tours. Furthermore, for effective curriculum delivery, the college has got the provision of special/ remedial classes for slow learners. Some activities are also conducted for fast learners. Special classes are conducted for those students, who could not attend the classes on account of NSS camp or participation in the sports or extra-curricular activities to make up their loss. ? The college provides latest books and other teaching and reference material like journals, magazines, software, and internet facility to update knowledge to meet the curriculum requirements of the students. ? The college also provides resources for implementing the technical methods of teaching like smart classrooms, LCD projectors-learning materials are provided to conduct the lectures and practical to meet effective curriculum delivery. ? Special Guidance is provided for the tough subjects like Mathematics, Accounts etc to the students. ?At the beginning of each academic session, college prepares its proposed academic calendar, which is uploaded on the college website. The proposed academic calendar is prepared according to the notices and circulars received from the Savitribai Phule Pune University (SPPU). Students are informed about the academic calendar of the college notifying the probable teaching days, dates of internal examinations, curriculum, extension related and co-curricular activities ?Principal address and orientation programme is organized every year for newly admitted students to make them understand the mechanism for curriculum delivery and implementation. ?Based on the teaching assignments allotted in the syllabus distribution, teachers prepare their "Session plans" as per the norms of SPPU and conducts lecture according to time table.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Principles of Programming and algorithms (30 Hours)	Nil	01/07/2019	30	Employability	Basic Programming
Employability Skill Enhancement Programme (15 Hours)	Nil	01/07/2019	15	Employability	Employability
Certificate Course in French (100 Hours)	Nil	03/08/2019	50	Employability	Linguistic

Certificate Course in German(100 Hours)	Nil	03/08/2019	50	Employability	Linguistic
Communication Skills for Managers (30 Hrs)	Nil	10/08/2019	10	Entrepreneurship/ Employability	Communication Skills
Microsoft Certification in Python(24 Hours)	Nil	14/09/2019	3	Employability	Python Programming
Advance C(30 Hours)	Nil	25/11/2019	30	Employability	C programming
Personality Development Soft Skills(30 hours)	Nil	10/01/2020	4	Entrepreneurship/ Employability	Soft Skill
Quick Tally with Tally.ERP -GST (Computerized Accounting) (15 Hrs)	Nil	06/01/2020	10	Entrepreneurship/ Employability	Computerized Accounting
Tally and Computer Based Accounting(30 Hours)	Nil	06/01/2020	10	Entrepreneurship/ Employability	Computerized Accounting

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
MSc	Computer Application	09/07/2019
MCom	Advanced Accounting and Taxation/Business Administration	09/07/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	Computer Science	01/07/2019
BCom	Business Administration/Cost and work Accounting	01/07/2019

BBA	HR/MARKETING/FINANCE	01/07/2019
BBA	International Business	01/07/2019
BBA	Computer Application	01/07/2019
MSc	Computer Science	01/07/2019
MSc	Computer Application	09/07/2019
MCom	Advanced Accounting and Taxation/Business Administration	09/07/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	1872	0

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
Principles of Programming and algorithms (30 Hours)	01/07/2019	89
Employability Skill Enhancement Programme(15 Hours)	01/07/2019	256
Career And Personality Development(20 Hours)	17/07/2019	38
Risk and Insurance Management in Share and Stock Market (30 Hours)	23/07/2019	48
Big Data Analytics(28 Hours)	31/07/2019	41
Communication Skills for Managers (30 Hours)	10/08/2019	177
Robotics Process Automation(30 Hours)	12/08/2019	44
Import/Export Management(30 Hours)	19/08/2019	34
Blockchain (24 Hours)	02/09/2019	48
First Aid and Safety Education(15 Hours)	16/09/2019	49
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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
BBA	HR/MARKETING/FINANCE	76
BBA	HR/MARKETING/FINANCE	9
MSc	Computer Science	59
BCom	Cost And Works	88

	Accounting	
BCom	Business Administration	96
BBA	International Business	82
BBA	International Business	11
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>i) Feedback Process: The College has a mechanism for receiving online structured feedback from the students and different stakeholders on overall Institutional performance. Feedback form is framed and approved by IQAC of this college and is available on college website. In the year 2019-20 total 1312 feedbacks were received through online mode from the students. Teachers are rated on the scale of 1 to 5 as Poor (1), Average (2), Good (3), Very Good (4) and Outstanding (5). ii) Analysis of teaching learning process : Looking to the analysis of online feedback received from students ,81 percent students says that teachers are punctual. 84 percent students are much satisfied for teacher's Subject Knowledge and session preparedness. According to students 86 percent teachers are eager to teach. Regarding the teaching skills 80 percent students feel that teachers always communicate the concept clearly and 80 percent thinks that teacher encourage students for different ideas. Above 82 percent students are satisfied with academic support facilities like library, sports, Canteen Food quality, lab, Drinking water availability etc. whereas about 80 to 84 percent students are satisfied for the administration work. Regarding Cleanliness 90-91 percent students are satisfied.. In case of library facilities and availability of books 84 percent students are satisfied. iii) Feedback forms are analyzed by Administrative Staff, they submit report of analysis to Principal which is submitted to Management Further. Necessary action are taken By HOD like improvement in facilities, arrangement of lectures and practical regularly, intimating the concerned teachers etc. This analysis is shared with all the teaching and non teaching staff so everyone should take care of improvement. The college tries to maintain the confidentiality of these responses. Employers, Teachers, Alumni and parents responds using offline mode. The feedbacks and suggestions received are placed before the Principal as well as management for corrective measures from time to time. In case of overall quality of education and discipline all the feedbacks are considered as important .</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
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MCom	Advanced Accounting and taxation/ Business Administration	60	4	1
MSc	Computer Application	30	15	14
MSc	Computer Science	60	95	59
BBA	International Business	80	104	95
BSc	Computer Science	160	233	179
BCom	Business Administration/Cost and Work Accounting	240	317	261
BBA	Computer Application	80	109	90
BBA	HR/ Marketing /Finance	80	138	99
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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	1632	133	33	2	6

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
41	33	5	14	1	22

[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)

Mentoring of students is conducted by the departments of the institution. Mentoring of students is based on the following objectives: 1. To encourage students to communicate for academic-related queries. 2. To identify and address the problems faced by slow learners. 3. To identify fast learners to improve the percentage or class. 4. To decrease the student dropout rates. 5. To prepare students for the competitive world by organizing seminars, workshops, conferences, and Certification courses. 6. By taking class Compliance and Session plan compliance on weekly basis VCACS try to improve the overall performance. 7. And overall to enhance students' academic performance and attendance. In the mentoring process, all necessary information related to the student such as

the contact number, email of the student, family income, category, gender, and related information is initially collected by the department through the student database format. Departments maintain the records of class tests/surprise tests, attendance records, records of student seminars, related to the reviewing of the performance of the students. Departmental teachers maintain interaction with students through individual meetings, social networking sites, and interaction boards of the learning management system. Teachers discuss with parents during parent-teacher meetings and try to identify the problems faced by students and related issues. In some department's tutorial classes, seminars are also organized for students. The outcome of the departmental mentoring system in the current year : 1. From UG- 126 students score more than 80 percent in the University Examination. From PG- 17 students score more than 80 percent in the University Examination. 2. Students have participated and presented papers in national and international seminars. They have also won prizes in Project competitions related to Science and Commerce stream (Moneta and Symagine) and other similar contests organized by external agencies. 3. Students have been placed in Multinational companies all over India and abroad. Students also get prestigious institutes in foreign countries for higher studies. 4. Students have shown outstanding performance in sports tournaments also.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1765	41	1:43

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
41	41	0	17	5

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	Anjum A. Patel	Assistant Professor	Appointed as Committee member at SPPU [M.Sc. (Computer Science)]
2019	Anjum A. Patel	Assistant Professor	Appointed as Practical Coordinator at SPPU [B.Sc. (Computer Science)]
2019	Anjum A. Patel	Assistant Professor	Appointed as Practical Chairman in Practical at SPPU [B.Sc. (Computer Science)]
2019	Anjum A. Patel	Assistant Professor	Appointed as BOS member at St. Miras College, Pune
2019	Poonam Jadhav	Assistant Professor	Appointed as SPPU Committee member at SPPU
2020	Dr. Shital P. Mantri	Assistant Professor	Samaj Bhushan Puraskar 2020 -National, Mitcon Institute of

			Management
2020	Anjum A. Patel	Assistant Professor	Best Paper -5th International Conference -Innovations in IT and Management -Sinhgad Institute of Management and Computer Application
2020	Anjum A. Patel	Assistant Professor	Appointed as BOS member at St. Miras College, Pune - VC Nominee
2020	Anjum A. Patel	Assistant Professor	Appointed as SPPU committee member at SPPU [M.Sc. (Computer Science)]
2020	Anjum A. Patel	Assistant Professor	Appointed as Committee Member at SPPU [B.Sc. (Computer Science)]
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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
MSc	MSc(CS)	Second Year	26/10/2020	19/11/2020
BSc	BSc(CS)	Third Year	24/10/2020	10/11/2020
BBA	BBA(CA)	Third Year	21/10/2020	18/11/2020
BBA	BBA(IB)	Third Year	24/10/2020	19/11/2020
BCom	BCom	Third Year	23/10/2020	12/11/2020
BBA	BBA	Third Year	24/10/2020	19/11/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

For all courses (BCom, BBA, BBA(IB), BBA(CA), BSc(CS), MSc(CS), MSc(CA), MCom):

- Class test once in Semester
- Departmental seminars are arranged on new topics.
- Projects on different topics related to the syllabus
- Semester wise result analysis is prepared.
- Fast and slow learners are identified.
- Different activities are taken for fast and slow learners.(e.g. remedial lectures, viva etc.)
- Different activities are conducted during the semester like Assignments, Power Point Presentation, viva, case study, group discussion, Open book test, etc.

For BSc(CS) and BBA(CA) -During practical session, orals are conducted twice in a semester for improving their practical knowledge. For MSc(CA), MSc(CS) -Project work evaluation by industry experts and projects are regularly evaluated and monitored by practical incharge. For BBA, BBA(IB) - Local International Industrial visit is arranged.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The VCACS is affiliated with SPPU. Examinations are conducted at the end of each semester by SPPU norms. College informs students about the class test, date of commencement, university notices, and circulars related to the examinations from time to time through student notice boards, college websites, or by sending messages by the class teachers. The class teacher is appointed as a 'mentor' for every class. He or she communicates all the activities to every student in the class. Computer Science and Commerce departments conduct an internal assessment of students. Students are well informed about these internal examinations well in advance by the department. Workshops/ Seminars, as well as curricular and co-curricular activities, are mentioned by the college in the proposed academic calendar prepared at the beginning of each semester, which is uploaded on the college website.

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)

<http://vcacs.ac.in/IOAC.aspx>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
MSc (CS)	MSc	Computer Science	59	59	100
BSc (CS)	BSc	Computer Science	140	138	99
BBA (CA)	BBA	Computer Application	70	70	100
BBA (IB)	BBA	International Business	72	72	100
BBA	BBA	HR / FINANCE/ MARKETING	77	76	99
BCom	BCom	Business Administration/ Cost and Work Accounting	84	83	99

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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)

<http://vcacs.ac.in/FileDownload/SSS2019-2020.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – 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
Industry sponsored Projects	390	Exenity Sys Pvt Ltd	0.32	0
Industry sponsored Projects	368	Exenity Sys Pvt Ltd	0.38	0
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3.2 – Innovation Ecosystem

3.2.1 – 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
Workshop on Investment Banking and Term Insurance for working Professional	Commerce	17/12/2019
Seminar on Career Counseling program about CMA	Commerce	22/07/2019
Seminar on Sales force as a Career Option	Science	22/07/2019
Seminar on career Counseling program about DBF (Diploma in banking and finance)	Commerce	29/07/2019
Two Days Workshop on Financial Literacy internship program (FLIP)	Commerce	09/08/2019
Seminar on Banking awareness program	Commerce	19/08/2019
4 days Workshop on Building and maintaining interpersonal Skills	Commerce	20/08/2019
2 Days short term Workshop on Python Programming Language	Science	21/08/2019
Seminar on UPSC and MPSC introductory session	Commerce	26/08/2019
Seminar on Company Secretary Introductory session	Commerce	30/08/2019
3 Days Workshop on Microsoft Certification in Python	Science	14/09/2019
2 Days Workshop on Excel and Advance Excel -Microsoft Certification	Commerce	19/09/2019
Seminar on Data Analytics	Science	27/11/2019

and Data Science		
Seminar on Career Guidance session on competitive exams	Commerce	04/12/2019
4 Days Workshop on Cross Platform Mobile App Development - Android work Environment (Micorsoft Certification)	Science	13/12/2019
Skill Series workshop on investment banking Capital Market	Commerce	10/01/2020
Seminar on Career guidance MBA	Commerce	31/01/2020
4 Days Workshop on Hands on Mongoddb Database Practical session- For Msc(cs)	Science	05/10/2019

3.2.2 – 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
Analysis of Molestation against Women Minor	Prof Anjum Patel	Sinhagad Inst. of Management Comp Application, Pune	07/02/2020	Best Paper Award - 5th International Conference Innovations in IT Management
Innovative Academic Leadership	Dr. Shital Mantri	MITCON Institute of Management Group- Natioanl Award	26/02/2020	Samaj Bhushan Puraskar
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Nil	Nil	Nil
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
0	0

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

Type	Department	Number of Publication	Average Impact Factor (if
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			any)
National	Commerce	1	Nil
National	Science	2	Nil
International	Science	5	Nil
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
00	0
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3.3.5 – 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
An investigative study for smart home security: Issues, challenges and countermeasures	Sudhir Chitnis, Neha Deshpande, Arvind Shaligram	Wireless Sensor Network 8 (04), 61	Nil	8	VCACS Pune	16
Handwritten Devanagari character recognition using artificial neural network	P Khanale, S Chitnis	Journal of Artificial Intelligence 4 (1), 55-62	Nil	8	VCACS Pune	8
Solid Electrolytes for Rechargeable Thin Film Lithium Batteries: A Review	Arun Patil, Vaishali Patil, Ji-Won Choi, Jin-Sang Kim and Seok-Jin Yoon	Journal of Nanoscience and Nanotechnology 6(2016)1-43	Nil	4	VCACS Pune	5
Issue and Challenges Facing Rechargeable Thin Film Lithium Batteries	A.R.Patil, V.A.Patil, J-W Choi and S-J Yoon	Mat. Res. Bull 43/8(2007) 1913	Nil	4	VCACS Pune	50
A study			Nil	4	VCACS	2

of bismuth sulphosele nide thin films: growth from the solution and properties	A.R.Patil, V.N.Patil, P.N.Bhosale and L.P. Deshmukh	Materials Chem. Phy 65(2000)262			Pune	
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3.3.6 – 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
A study of bismuth sulphosele nide thin films: growth from the solution and properties	A.R.Patil, V.N.Patil, P.N.Bhosale and L.P. Deshmukh	Materials Chem. Phy 65(2000)262	Nil	8	2	VCACS Pune
Issue and Challenges Facing Rechargeable Thin Film Lithium Batteries	A.R.Patil, V.A.Patil, J-W Choi and S-J Yoon	Mat. Res. Bull 43/8(2007) 1913	Nil	8	50	VCACS Pune
Solid Electrolytes for Rechargeable Thin Film Lithium Batteries: A Review	Arun Patil, Vaishali Patil, Ji-Won Choi, Jin-Sang Kim and Seok-JinYoon	Journal of Nanoscience and Nanotechnology 6(2016)1-43	Nil	8	5	VCACS Pune
Handwritten Devanagari character recognition using artificial neural network	P Khanale, S Chitnis	Journal of Artificial Intelligence 4 (1), 55-62	Nil	12	8	VCACS Pune
An investigative study for smart home	Sudhir Chitnis, Neha Deshpande,	Wireless Sensor Network 8 (04), 61	2020	12	16	VCACS Pune

security: Issues, challenges and countermeasures	Arvind Shaligram					
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	16	48	10	6
Presented papers	7	4	0	0
View File				

3.4 – Extension Activities

3.4.1 – 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
International Yoga Day	SWO NSS	3	30
View File			

3.4.2 – 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
Blood Donation	Recognition	KEM Hospital Pune	7
Road Safety Awareness	Recognition	Late Umesh More Foundation	5
Covid 19 Mask Distribution	Recognition	Winzar Village Authority, Pune	67
Covid 19 Safety Measure Awareness	Recognition	Winzar Village Authority, Pune	124
View File			

3.4.3 – 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
Student Welfare	SWO NSS	International Yoga Day	3	30
View File				

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
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Exchange of Teaching Reserch Staff Students	The Yewon Arts University & Vishwakarma Institute	Vishwakarma Institute	365
Providing Research aid and exchange of staff and student	The University of Huddersfield, UK & Vishwakarma Institute	Vishwakarma Institute	365
To encourage Corporation and Direct contact between Facilities and department Together	TGC technology Pvt. Ltd. Baner, Pune	VCACS Management	365
To encourage Corporation and Direct contact between Facilities and department Together	CCA Education Pvt. Ltd.	VCACS Management	365
To encourage Corporation and Direct contact between Facilities and department Together	ICFAI Business School	VCACS	365
Providing research aid to faculty member and Students	CSIR - National Laboratory (CSIR - NCL), Pune	VCACS	365
To encourage Corporation and Direct contact between Facilities and department Together	Joongbu University, South Korea	VCACS	365
Sharing resources of Library	Vishwakarma Institute of Management	VCACS	365
Research Collaboration in areas of Computer Science Technology	Defence Institution of Advance Technology	VCACS	365
Research in solar energy and conversation system	Indian institute of Tropical Meteorology	Dr. AR Patil, VIIT	365
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3.5.2 – 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/	Duration From	Duration To	Participant

		industry /research lab with contact details			
Linkage - Institutional	Knowledge Sharing Linkage	Dnyanprassarak Mandals College and Research Centre	01/07/2019	30/06/2020	1
Linkage - Industrial	Linkage for Sharing Knowledge Industrial internship	PHN Technology Pvt. Ltd., Pune	01/12/2019	30/06/2020	2
Linkage - Industrial	Linkage for Sharing Knowledge Industrial internship	Cravita Technologies India Pvt. Ltd., Pune	18/12/2019	30/06/2020	9
Linkage - Industrial	Linkage for Sharing Knowledge Industrial internship	Synnex Softech, Pune	13/01/2020	30/06/2020	2
Linkage - Industrial	Linkage for Sharing Knowledge Industrial internship	Mudhoji College, Phaltan	01/07/2019	30/06/2020	1
Linkage - Industrial	Linkage for Sharing Knowledge Industrial internship	Exenity Sys Pvt Ltd, Pune	16/03/2020	30/06/2020	4
View File					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
The Yewon Arts University	08/10/2019	Providing Placement Summer Internship in South Korea	22
The University of Huddersfield, UK	08/10/2019	Providing Research aid and exchange of staff and student	308
College of Computer Accounting, Pune	31/12/2019	Providing Tally ERP9 with GST training to students	363

CSIR National Chemical Laboratory	09/03/2019	Providing Research aid and exchange of staff and student	2
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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
18.57	21.56

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar halls with ICT facilities	Existing
Seminar Halls	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Laboratories	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Classrooms with LCD facilities	Newly Added
Class rooms	Newly Added
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
Slim 21	Partially	3.2.0	2014

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	3847	612657	614	93330	4461	705987
Reference Books	192	86676	6	4446	198	91122
e-Books	23	0	8	0	31	0
Journals	20	55900	3	9000	23	64900
CD & Video	277	0	7	0	284	0
Library	1	135000	1	0	2	135000

Automation						
Weeding (hard & soft)	2777	387435	0	0	2777	387435
Others(s pecify)	369	121164	5	6100	374	127264
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NA	NA	NA	Null
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwidt h (MBPS/ GBPS)	Others
Existin g	294	7	294	1	0	23	30	10	0
Added	101	2	101	0	0	0	2	5	0
Total	395	9	395	1	0	23	32	15	0

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

15 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
No Data Entered/Not Applicable !!!	

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
35000000	38551057.56	2200000	2114065.6

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

Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms .The Institute has well-equipped and technologically-advanced labs. The labs are equipped with office automation equipment including desktop, printers, LCD projectors, laptops and the latest software. Internet Facility: The students and faculty of VCACS have a direct access (24x7) to the leased-line internet

services through a Wi-Fi network and through intercom telephone lines. The entire network is behind a firewall and the traffic is scanned at the gateway level for threats and viruses. The institute has two well-equipped electronics labs. consists of circuit boards, CRO's Power Supplies, and multi-meters. The second lab which is designed for the second-year students has circuit boards, 10 PCs and an LCD projector. Both the labs are spacious and provide a conducive environment for students. Upgradation of internet leased line from 10 mbps to 15 mbps. The college website is maintained by AMC and updated on regular basis. Dead Stock register is maintained and updated regularly and verified during academic audit.

<http://www.vcacs.ac.in/labrotary.aspx>

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	Merit and EWS	61	427600
Financial Support from Other Sources			
a) National	Government of India Scholarship	6	134473
b) International	ICCR	31	1134000
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Seminar	27/11/2019	46	Dr. Jagdev Bhogal (Birmingham City University)-on Data Analytics and Data Science
Certification Programme	14/09/2019	42	Knowledge Pro Pvt.Lt Parth Shulka (Microsoft Certification in Python) - For BBA(CA), BSc(CS), MSc(CS)
Seminar	29/07/2019	136	VCACS-Choice Based Credit System (CBCS) - For BSc(CS)
Bridge Course	09/08/2019	114	Swapnil Admane-NJ Group (Financial Literacy internship program (FLIP))
Soft skill Development	20/08/2019	102	Ms T Anupama (IBS)-Building and maintaining

			interpersonal Skills
Visit Programme	27/12/2019	31	SPPU-Vidyavani Samudayik Radio Kendra
Skill Series workshop	10/01/2020	47	Mr Lalit Fulara(Whitepage EdTech)-Investment banking Capital Market
Personality Development and Soft skill Development	10/01/2020	154	New Era Education services, Pune
International Seminar	22/10/2019	85	Mr Jonathen Wakefield- Opportunities of studying in University of Huddersfield
Bridge Course	21/08/2019	112	Parth Shukla- Python Programming Language
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	Seminar on Career Counseling program about CMA- For Bcom Students	0	106	0	0
2019	Seminar on Sales force as a Career Option For BBA(CA), BSc(CS),	0	84	0	0
2019	Seminar on career Counseling program about DBF (Diploma in banking and finance)-	0	118	0	0

	For Bcom,BBA & BBA(IB)				
2019	Seminar on UPSC and MPSC introductory session -For Bcom, BBA & BBA(IB)	109	0	0	0
2019	Seminar on Company Secretary Introductory session - For Bcom, BBA & BBA(IB)	57	0	0	0
2019	Seminar on Career Guidance session on competitive exams - For Bcom, BBA & BBA(IB)	0	62	0	0
2019	Seminar on Career guidance MBA For Bcom, BBA & BBA(IB), BBA(CA)	0	162	0	2
2019	Seminar on Career Guidance Government jobs and Banking Exam - For Bcom, BBA & BBA(IB)	0	55	0	0
2019	International Seminar on Opportunities in UK after Science Graduation	0	51	0	3

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
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0

0

0

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
L and T, Infosys, TCS, Cognizant, Syntel, Telegram Services, Konocrane services, Vodafone	68	39	SB IT services, BMC software, Enpro Industries Pvt Ltd, Konocrane services	70	49
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	2	B.Sc (CS)	Computer Science	University of Hertfords hire Higher Education Corporation	MSc Artificial Intelligence and Robotics with Placement
2019	3	B.Com.	Commerce	Institute of CA of India	CA, CS, ICWA
2019	1	B.Com.	Commerce	Law College	Law
2019	4	B.Com.	Commerce	H V Desai, Pune m MMCC, VCACS	M.Com
2019	15	BBA, BBA (IB)	Commerce	Sinhgad Institute, IBS Symbiosis university	MBA
2019	12	B.Sc (CS)	Computer Science	VCACS, Pune	M.Sc. (CA)
2019	50	B.Sc (CS)	Computer Science	VCACS, Pune	M.Sc. (CS)
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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
Any Other	4
No file uploaded.	

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

Activity	Level	Number of Participants
Cricket	Institute Level	120
Auction/Bidding	Institute Level	56
Vishwa Expo	Institute Level	80
Blind Snake	Institute Level	160
Fancy Dress Competition	Institute Level	125
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Winner- All India Inter University- Archery	National	1	Nil	1452	Disha Oswal
2019	Second Place - Boxing	National	1	Nil	6531	Aniket Powar
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Student's council provides an opportunity to students to develop their leadership skills through active participation in college administration and students collaboration. The student council is expected to perform following functions: 1. Organizing cultural activities and sports activities for students. 2. Communicating problems faced by students to HOD, Principal and management of college. 3. Maintaining discipline in college campus 4. Maintaining college campus clean and green. 5. Participation in extension activities like Tree Plantation, Yoga Day, Blood Donation etc. 6. They give their suggestions for purchase of books, magazines for library. The following committees have student representatives: 1. Students Council 2. Anti-Ragging Committee 3. Sports Committee 4. NSS Committee 5. Alumni Association 6. Cultural Committee. VCACS provides necessary support to the council members in organizing and coordinating the events. Student members in this council can become real heroes and competent managers in future by learning all these skills.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The college has a registered Alumni Association. The college has numerous past students, who are successful in their respective careers and have brought glory to the college through their extra-ordinary achievements. The activities and contributions of the Alumni Association towards the development of the college are listed below: •To look after the academic activities and give suggestions for better performance. •To deal with the day to day matters and ensure the smooth functioning of the college. •To solve various problems of the students in consultation with college authorities. •To suggest measures for involving more students in extension activities. •To suggest steps for improvement in the field of sports and cultural activities at intercollegiate and intra collegiate level. They are also contributing the various things in form of token which shows their affection towards the college.

5.4.2 – No. of enrolled Alumni:

25

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

15000

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Association conducts various activities through the year. Meetings are organized by alumni association for their alumni once in a year. Such meetings help to develop a long lasting relationship with their alumni. Alumni share their knowledge and experience with the current students. They act as career counselors and coach students in skills that industry needs from the students. They act as bridge between college and the industries for interaction on new development in IT sector. Their industry expertise helps in corporate readiness of students. The alumni connect can be observed in generating industry-academia collaborations, which are mutually beneficial. Alumni have encouraged young budding entrepreneurs by providing necessary support to incubate a business idea and showing them the path for establishment of a successful business. They help for placement activity and industrial training. They also help for industry visits.

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)

1. IQAC looks after the academic and administrative part of the college along with the Principal and Head of Departments. 2. Decentralization is the prime vision of college to achieve the desired goals and improvement in quality of educational services. 3. Each Department having a separate head of department as authority and coordinators are appointed for all courses and they play their functions independently with full authority and responsibility. 4. The department head manages the day to day activities of the department and keeps a track of co curricular and extracurricular activities. 5. Decentralization process is carried out by constituting various committees for the comprehensive development of the student and effective functioning of institution viz. SDO, NSS, Examination committee, Time Table Committee, etc. 6. Admission process is carried out through respective Heads of the departments along with admission In charge. 7. A controller of examination has been given the authority to take decisions regarding planning and smooth functioning of examination work. The Registrar and the Office Superintendent with other administrative staff are part of the process. 8. All teachers and students participate in all types of events organized by college. All teachers are involved in Activity Committees like co-curricular and extra-curricular, etc other than academic Committees. 9.

The teachers frequently meet and they give suggestions and recommendations to the IQAC Coordinator which helps in increasing the quality of teaching - learning. The IQAC, after taking all suggestions and recommendations, prepares a report, which is given to GB. The GB takes the final decision. 10. The class teacher is appointed by the respective HOD's for coordination. 11. A Class Representative has been appointed from students. 12. We started the ISO (International Organization for Standardization) process this year. It develops standards to ensure the quality, safety, and efficiency of work, services, and systems.

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
Admission of Students	The admission procedure is planned and executed by the admission committee in keeping with the rules and regulations of SPPU, Pune. An admission committee assists the centralized admission to UG and PG courses on Merit, First come first serve and eligibility basis. Admission process for PG courses is conducted on the basis of Entrance Test and merit basis. The College offers undergraduate and postgraduate degrees in 8 Courses.
Human Resource Management	Training and development programmes conducted for the up-gradation of skills and abilities of the teaching and non teaching staff. Structured recruitment process is followed for appointment of teaching staff in college. Non teaching staff appointment is based on the availability. Staff welfare activities are conducted (Yoga, Health Check Up, etc.) Housekeeping services have been outsourced. Curricular, co curricular and extra-curricular committees are established for effective academic / administrative management. Financial support of needy students by providing opportunities to work in various departments under Earn and Learn scheme.
Examination and Evaluation	College Examination Officer appointed by The Principal to ensure effective and smooth conduct of examination. Further coordination is ensured through formation of examination committees for Science and commerce faculty. In addition to conventional examination following different methods are adopted to evaluate the students. Performance of the students is evaluated through

tests, tutorials, project work, seminars, orals etc. The students with poor results are identified and for their development remedial classes are conducted followed by re exam/assignments/Remedial lectures. CCTV cameras are deployed at all floors, exam control room and library to monitor the examinations.

Research and Development

The faculties are promoted to research work. The faculties are motivated to participate in research projects in national and international conferences and to present research work. Staff is encouraged to participate in Refresher, Orientation, Faculty Development Program, Faculty Improvement Program, etc. Staff members and students (Avishkar-state level project competition) participate in State, National and International conferences Staff members are encouraged to publish their research work in National and International journals of repute. The college always conducts research related training programs/FDPs with the aim to motivate the faculty and maintain and promote the research environment.

Industry Interaction / Collaboration

The Department of Computer Science and Commerce are involved in Industry Interaction. Industries are collaborated through MoU. International Industrial Visits are arranged for students. Guest lectures of industry persons are arranged by college which helps the students to update themselves. This is useful for upgradation of student knowledge and helps in choosing carriers. Such activities bridge the gap between academia and industry Student placement is another area where industry is actively involved. College has a good communication with the leading industries and this resulted into the placements of students prior to their final results.

Curriculum Development

The college is affiliated to SPPU. Curriculum designed by the university is being adopted and implemented by the college. The college conducts various short term value added courses/certifications to bridge the gap between the real world applications and syllabus.

<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>Bar-coding of all books is under process for quick retrieval and stock taking. The college library has textbooks, reference books, e-books and educational Video CDs. Similarly the college library has journals in paper format, general books and magazines. The IQAC monitors the regular updating of library resources. Separate library committee forms and help for the infrastructure and resources of the library. Purchase of equipment and instruments as per academic demand through the departmental budget and various schemes.</p>
<p>Teaching and Learning</p>	<p>Apart from class room lecture method Group discussions, field studies, seminars, usage of ICTs, presentations, assignments etc are used for teaching learning process. Industrial visits are organized for making learning more effective as per requirement. The College continuously improves the new modern technologies in teaching and learning , Faculty proactively involved to update their knowledge through participation in Seminar, Conference, Workshop and specialization based orientation programmes. Regular feedback of faculty is taken from students. Bridge courses and Remedial Coaching are arranged. Staff members prepare their teaching plan and follow it. Organise guest lectures and lecture series, seminars for students and Conduct problem solving sessions by discussion among students. Timetable and Teaching plan monitoring committee.</p>

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

E-governance area	Details
<p>Planning and Development</p>	<p>Implementation of e-governance is achieved through uploading information on the college website. College website is systematically updated with all the information required for admission, exam schedule, training programmes etc. College has a biometric system for teaching and non-teaching staff.</p>
<p>Administration</p>	<p>Computerized maintenance of students data. Computerized office administration work. Preparation of academic calender which includes activities like internal exams, university exams, practicals,etc. Teachers and in-charges of different</p>

	committees are informed about the plans, notices, etc. through e-mails and different messaging applications. Individual e-mail ID's are created by using @vcacs.ac.in extension and used for e-communication.
Finance and Accounts	Financial transactions are done through NEFT/RTGS. The college conducts regular audits of annual books of accounts. Online salary of teaching and non-teaching staff. Students can deposit their fee online.
Student Admission and Support	Online application and Fee payment facility. Each department has their separate students whatsapp groups for providing the information college and university notices, sharing study material etc. SMS are also used for communication.
Examination	Examination section is equipped with computer, internet, printer, photocopying machine, CCTV etc. Question papers of university examinations are received from the university through an online system. College examination officer has been authorised to download question papers for further action. The college has separate examination departments with equipped ICT tools necessary for examination purposes. The college has separate printing presses for question papers and answer sheets printing strong rooms for deposition of question papers and central assessment programme centre.

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	Snehal Jadhav	Implementation of Choice Based Credit System Syllabus of Electronics for F.Y. B.Sc (CS) 2019	NIL	250
2019	Priyanka Khedekar	Maxima Software and Syllabus	NIL	356

		Discussion in Mathematics		
2019	Prajakta Patil	Syllabus restructuring for M.Sc (CS) Sem - I	NIL	454
2019	Anjum Patel	Syllabus restructuring for M.Sc (CS) Sem - I	NIL	493
2019	Ganesh Jamdurkar	Curriculum design of M.Sc (Computer Application-II)	NIL	694
2020	Snehal Jadhav	FDP and ICT Training	NIL	654
2020	Snehal Kulkarni	Workshop in Python Programming for B.Sc.(CS)	NIL	796
2020	Eeshwari Ransing	Workshop in Python Programming for B.Sc.(CS)	NIL	824
2020	Vaishali Kale, Anjum Patel, Madhura Thite, Rupali Taware, Shital Mantri	IQAC Preparations for Teaching and Non-teaching Staff	NIL	500
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6.3.2 – Number of professional development / administrative training programmes organized by the College 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)
2019	Data Analytics and Data Science	NIL	27/11/2019	27/11/2019	14	Nil
2019	PDP on Usage of MS Office	PDP on Usage of MS Office	26/12/2019	26/12/2019	18	4
2020	Evolution from Offline to Online	NIL	23/04/2020	23/04/2020	19	Nil

	Teaching					
2020	Online Admission Process	Online Admission Process	03/06/2020	03/06/2020	19	6
2019	Guidance Session on Internal Assessment Structure of CBCS Pattern 2019	NIL	08/07/2019	08/07/2019	21	Nil
2019	Development of Logical Reasoning Abilities	NIL	12/07/2019	12/07/2019	25	Nil
2020	Use of VOLP Software System for Online Lectures and Webinars	NIL	29/06/2020	29/06/2020	34	Nil
2019	FDP to cover Information and Communication Technology	NIL	13/09/2019	13/09/2019	27	Nil
2019	Development of Low Cost Real Time Traffic congestion monitoring network	NIL	22/10/2019	22/10/2019	13	Nil

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Faculty Development Programme and ICT Training	1	08/01/2020	09/01/2020	2
Strategic Thinking and Career	1	08/08/2019	08/08/2019	1

Development in Digital Age				
Faculty Development Program for Entrepreneurship Development and Innovation	8	17/12/2019	21/12/2019	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
41	0	8	3

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Credit Co operative Society, Provision for EPF, Financial Assistance to pursue higher studies, Financial Support for attending workshops/ conferences/ seminars, the teachers are provided academic leaves, Awards for teaching staff of the college to provide incentive for their commendable research work/ publications/ innovative teaching/ paper presentations.	Credit Co operative Society, Provision for EPF, Financial Assistance to pursue higher studies, Awards for non teaching staff of the college for their commendable Work, Financial support provided for FDP and Short term Courses.	Earn while you learn, Book Facility, Special Guidance Scheme, The Placement Cell offers Learning Classes to prepare students for management entrance tests. The college has various bodies and cells like NSS, Women development Cell, etc

6.4 – Financial Management and Resource Mobilization

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

Yes The institute has established mechanisms for conducting internal and external audits every financial year to ensure financial compliance. Normally statutory financial audit is conducted in two sessions, one in the month of October/ November for the period of April to September and second in the month of April / May for the period of October to March. Finalization of accounts is completed in June and audited statements are prepared in August duly signed by the Principal, Chairman and Chartered Accountant. Internal audit is conducted by the parent body (BRACT). Compliance report is provided to the Chief Finance Officer and Managing Trustee of BRACT.

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
Management , SPPU, Alumini	242831.6	Student Development, Earn Learn Scheme, Student Welfare

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6.4.3 – Total corpus fund generated

5000000

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	Peer Review	Yes	IQAC , Governing Body (BRACT) and ISO
Administrative	Yes	Peer Review	Yes	IQAC , Governing Body (BRACT) and ISO

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

PTA is a medium to monitor and analyse students academic performance It also monitors students behavior - attitude of towards teacher, subject being taught. Departments connect with the parents informally. Parent Teacher meets are organized once in a year at the Departmental level. Parents are updated with the progress of their wards and efforts needed to be taken by the students. The activities of the department are also communicated to parents. The parents visit the departments and meet teachers, coordinator and HOD in case they may have any concern or issue that needs to be addressed. Feedback and suggestions are taken from a Parents. Also Parents are conducting activities like Career Guidance to students , Workshop on Six Sigma, etc. As students are coming from all Asian Countries so student interaction will be taken at the time of admission in college.

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

1. The Administrative and Accounts Support Staff are encouraged by the College to undergo Training and Specialized Courses. 2. Recreational activities were taken for support staff. 3. The Library Staff is encouraged to attend Training Programs.

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

1.New courses are introduced in PG classes(M.Sc (CA) and M.Com) 2. MOUS with foreign University. 3. International Study Tour 4. Wide and continuous contact with students, teachers and all stakeholders through SMS Gateway 5. Teachers make use of ICT tools like PowerPoint presentations. 6. CCTVs have been installed in large classrooms for vigil on the examination system. 7. Inculcating research orientation among the teaching faculty. 8. Academic and Extension Activities with, Lecture Halls, Seminar/Conference Spaces, etc. 9. Colleges have contributed to building and strengthening interaction and collaboration with industry and other organizations like educational institutes,etc 10. Efforts are being made to strengthen Mentorship by extending it to various extra curricular activities along with departments and committees of the institution. Various committees also conducted mentoring sessions based on the needs of the students to name a few committees Placement cell, WDC and NSS,etc 11. Various seminars and workshops , Faculty Development program were organized for boosting the academic outlook of faculty and students in various aspects of commerce and science

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal

Yes

b)Participation in NIRF	No
c)ISO certification	Yes
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	Seminar on Essentials of dealing with Situation -for Non Teaching Staff	17/06/2019	17/06/2019	17/06/2019	13
2019	Seminar on English Language Enhancement -for Non Teaching Staff	07/09/2019	07/09/2019	07/09/2019	14
2019	Seminar on Career Counseling program about CMA- For Bcom Students	22/07/2019	22/07/2019	22/07/2019	106

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Street Play-Gender Equality Activity	20/01/2020	20/01/2020	150	39
Self-Defense Workshop for girls	09/03/2020	09/03/2020	135	65

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
Use of LED in the college campus, River Cleaning Program, Tree Plantation drive by NSS students, Poster Making Competition on Environment Awareness and Protection etc

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0
Physical facilities	Yes	0

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	27/06/2019	1	Tree Plantation	Awareness Program	51
2019	1	1	28/08/2019	1	Donation for Sangali and Kolhapur	Awareness Program	50
2019	1	1	11/09/2019	1	Health Check Up program	Personal health care	735
2019	1	1	02/10/2019	1	River Cleaning Drive	A mission Of Cleanliness	45
2020	1	1	09/01/2020	1	Awareness on Organ Donation	Awareness	106
2019	1	1	23/10/2019	1	Traffic Rule Awareness Activity	Awareness	83
2019	1	1	21/06/2019	1	International Yoga Day	Awareness Program	33
2019	1	1	01/12/2019	1	International AIDS Day	Awareness Program	66
2020	1	1	25/01/2020	1	National Voters Day	Electoral Literacy for Stronger Democracy	71

2020	1	1	08/03/2020	1	Womans Day	Awareness Program	69
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Workshop on Human Rights, Indian Judiciary Systems and the Constitution of India	15/01/2020	Vishwakarma College of arts, commerce and science conducted a workshop on Human Rights, Indian Judiciary Systems and the Constitution of India for all the students on 15th January 2020. Members - Mr. Manoj Wagh (Speaker and Exam Admin) Prof. Hemant Jadhav.(Staff) Objective - • To promote awareness regarding basic Human rights, Indian Judiciary Systems and the Constitution of India. • To know the importance of knowing human rights, various duties and laws that every one follow. Minutes of Activity - • Introduction of the speaker • Awareness of Human rights • Indian Judiciary Systems and the Constitution of India. • Examination and Certification

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International Yoga Day	21/06/2019	21/06/2019	30
National Unity Day	31/10/2019	31/10/2019	60
International Womens Day	08/03/2020	09/03/2020	65
Awareness on Organ Donation	09/01/2020	09/01/2020	105
International AIDS Day	01/12/2019	02/12/2019	64
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Tree Plantation Program 2. World Environment Day 3. Swachata Pandharawada 4.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. River Cleaning Drive - On the occasion of the 150th Birth anniversary of Mahatma Gandhiji, Vishwakarma College of arts, commerce and science, Pune arranged River Cleanliness Drive on 2nd October 2019. Objective of the Drive -

- To aware students about social activities and services
- To aware students about an importance of River cleanliness in our life
- To maintain minimum ecological flows in the river with the aim of ensuring water quality and environmentally sustainable development.

Minutes of the events -

- The VCACS arranged a cleanliness drive to clean the rivers (Mula and Mutha) at Warje Bridge and Shaniwarwada, Pune. All participating students and staff cleaned the river at these places. Some volunteers presented street plays and spread a message of the importance of River cleanliness in our life. Total Participated Students - 43

Conclusion - In this way the 150th Birth anniversary of Mahatma Gandhiji was celebrated in college and all were happy and inspired by the activity.

2. Awareness program on Organ Donation - Vishwakarma College of arts, commerce and science, Pune has conducted a Workshop on "Awareness programme on Organ Donation" on 9th January 2020. Objective of the Drive -

- To aware students about importance of organ donation in life

Details - The VCACS has conducted an Awareness program on Organ Donation. This activity helps students to realize the importance of organ donation in life and society. Total Participated Students - 105

Conclusion - This activity helps to motivate the students about organ donation in life and society

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

http://vcacs.ac.in/FileDownload/BP_19.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

Vishwakarma College of arts, commerce and science, Pune has conducted a short term Value added Workshop for all the students of VCACS on Human Rights, Indian Judiciary Systems and the Constitution of India" on 15th January 2020. Guided by - Mr. Manoj R. Wagh (Speaker and Exam Admin- Tech Trainers Pune Pvt.Ltd.)

Objective -

- To promote awareness regarding basic Human rights, Indian Judiciary Systems and the Constitution of India.
- To know the importance of knowing human rights, various duties and laws that everyone follows.
- To create Value addition in academics for all round development of the students as a responsible citizen of the society.

Minutes of Activity -

- Introduction of the speaker
- Awareness of Human rights
- Indian Judiciary Systems and the Constitution of India.
- Examination and Certification

Conclusion - This workshop successfully created awareness among all the students regarding Human Rights, Indian Judiciary Systems and the Constitution of India.

Provide the weblink of the institution

http://vcacs.ac.in/FileDownload/WR_19.pdf

8.Future Plans of Actions for Next Academic Year

1. Promotion of research culture among faculty and students. 2. Initiative for National and International Linkages. 3. Organize National/ International Level Seminar/Conference/Workshops for faculties. 4. Organization of various Soft Skills Programs, Career Counseling and Guidance Programs for students 5. Organisation of seminars/workshops for Entrepreneurship Development among the

students. 6. Reformation/Extension of college library. 7. To generate technology awareness in teaching faculty and non teaching staff. 8. Augmentation in Infrastructure to provide more classrooms, labs and other facilities. 9. Introduce ERP based software in Admin office and Library. 10. Prepare and provide E-contents to students. 11. Aware students regarding various online courses portals like NPTEL, SWAYAM, ISRO, MOOC etc. 12. Initiate Green Audit and Energy Audit in the campus for better resources planning and management.