



## Yearly Status Report - 2016-2017

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		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		S. No. 3/ 6, Near Laxminagar, Kondhwa Budruk,
City/Town		Pune
State/UT		Maharashtra
Pincode		411048

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

<b>3. Website Address</b>	
Web-link of the AQAR: (Previous Academic Year)	<a href="http://vcacs.ac.in/FileDownload/AOAR2016-17.pdf">http://vcacs.ac.in/FileDownload/AOAR2016-17.pdf</a>
<b>4. Whether Academic Calendar prepared during the year</b>	<b>Yes</b>
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://vcacs.ac.in/FileDownload/AC2016-17.pdf">http://vcacs.ac.in/FileDownload/AC2016-17.pdf</a>

<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
<b>1</b>	<b>B+</b>	<b>2.52</b>	<b>2017</b>	<b>22-Feb-2017</b>	<b>21-Feb-2022</b>

<b>6. Date of Establishment of IQAC</b>	<b>10-Sep-2015</b>
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<b>7. Internal Quality Assurance System</b>
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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
<b>Workshop on Nirbhay Kanya</b>	<b>06-Jan-2017</b>	<b>124</b>

Abhiyan	1	
Workshop on Big Data and Hadoop	12-Jan-2017 2	152
State Level Workshop on Finanacial Inclusion Challenges for Social Transformation	24-Nov-2016 2	163
Workshop on Busines Economic Growt	07-Oct-2016 1	129
Workshop on IOT Technology and Android	27-Aug-2016 2	123
Microsoft Certification for Computer Science students	05-Aug-2016 3	20
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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/Departmen t/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
<b>No Data Entered/Not Applicable!!!</b>				
<b>No Files Uploaded !!!</b>				

<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	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	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No

**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

Organizing various workshops and seminars for QIP • ICT based teaching and learning. • Infrastructure development to meet need of students and provide quality education • Signing of International MoU • Planning of different FDP for faculty

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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
<b>No Data Entered/Not Applicable!!!</b>	
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**14. Whether AQAR was placed before statutory body ?**

No

**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

2017

Date of Submission

01-Jan-2017

**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)

1. College has been using an online Management Information System, Vriddhi. 2. Hall tickets of the examination are generated through this system. 3. Results : Results of all the first year of UG courses are also prepared through Vriddhi software in stipulated time. 4. Students Database is generated through this system 5. Administration:the attendance of all employees is maintained through biometric method 6. Finance Accounts : Maintenance of college accounts,income details ,information of employee salary ,provident fund of staff are carried out through Tally software. 7. Library : Library uses SLIM 21 Library Management software with ERP. 8. 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 .

## 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) In addition institution has started foreign language certificate courses (German, Japanese, French, and English) and Personality Development courses. ? The Institution 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 special guest lecture series from various fields to share their knowledge with students. Institution 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. 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 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 PuneUniversity (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 program 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.

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
Microsoft Certification in Cyber Security and Ethical	Nil	05/08/2016	3	Employability	Cyber Security and Ethical Hacking

Hacking(24 Hours)	Nil	12/12/2016	10	Entrepreneurship/Employability	Computerized Accounting
Certificate course in Tally ERP(20 Hours)	Nil	01/03/2017	9	Entrepreneurship	Trading Skill Development
Certificate course in Share Market (27 Hours)					

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
<b>No Data Entered/Not Applicable !!!</b>		
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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
MSc	computer Science	01/07/2016

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

	Certificate	Diploma Course
Number of Students	48	Nil

## 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
Mehandi	02/01/2017	31
Cooking	06/01/2017	27
Origami	16/01/2017	28
Rangoli	18/01/2017	32
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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	46
MSc	Computer Science	39
BCom	Cost and Works Accounting	80
BCom	Business Administration	65
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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

Every semester feedback is analyzed by Principal and the Managing Committee from time to time and applies the enrichment programs to meet the desired objectives. 1. STUDENT'S FEEDBACK :-Feedback on the teaching-learning process is received from students as Students satisfaction survey based on a structured questionnaire framed and approved by the IQAC of this college. Questionnaire is given to students manually. The questions are on the basis of Teacher's punctuality, session preparedness, content, understanding level, books in library etc. The received feedback is then analyzed by the Office Administrative Staff and forwarded to the management authorities through Principal with necessary suggestions based on this feedback. Members of anti ragging committee and Internal complaints committee also receive feedback from students through class campaigns. Grievances (if any) and necessary suggestions can be registered to the Grievance Redressal cell of the college through the Suggestion box fixed at every floor of college, the cell composition is altered every year at the beginning of academic session. 2. TEACHER'S FEEDBACK :-Teachers provide informal as well as formal feedback to the head of the institution on different academic , administrative and other affairs related to the college. 3. INDUSTRY/COLLABORATOR FEEDBACK - The College is making a constant effort to make many collaborations. The industry feedback helps bridge a gap between need of industry and academics . 4. ALUMNI FEEDBACK - The college conducts alumni meet every year. Feedback is taken manually once in a year at the time of Alumni Meet or at the time of their visit to college. Their feedback is also received as a valuable suggestion . 5. PARENT'S FEEDBACK - VCACS believe" parents are our partners". Their suggestions and expectations from faculty or department is conveyed through their feedback. The feedback is taken on departmental level as and when they conduct parent - teacher meet.

## 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
BSc	Computer Science	160	254	167
BCom	Business Administration/Cost and Work Accounting	120	151	131
BBA	HR/Marketing/ Finance	80	108	80

BBM	International Business	80	60	42
BCA	Computer Application	80	121	88
MSc	Computer Science	60	54	46

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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
2016	1089	85	34	Nil	4

## 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
38	11	5	2	Nil	21

[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 increase the teacher student contact hours 2. To identify and address the problems faced by slow learners and fast learners 3. To encourage fast learners 4. To decrease the student dropout rates 5. To prepare students for the competitive world 6. To set goals gives long term vision and short term motivation In the mentoring process, all necessary information related to the student such as the contact number, email of the student, family income, category, gender etc. are 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 etc. 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 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. Outcome of the departmental mentoring system in the current year 1. They have also won prizes in poster presentations, quiz competitions, debates and other similar contests organized by external agencies 2. Students have been placed in Multinational companies all over India and other prestigious institutes in foreign countries for higher studies 3. Students have shown outstanding performance in sports tournaments. One student has been awarded At National level in wrestling. The biggest challenge of the mentoring system is to decrease the dropout rates of the college. The college has planned to introduce a mentoring guideline for all departments from the next academic session.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1174	38	1 : 31

## 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
38	38	Nil	12	2

#### 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
<b>No Data Entered/Not Applicable !!!</b>			
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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	BSc(CS)	3rd Year	10/04/2017	10/06/2017
BCom	BCom	3rd Year	10/04/2017	10/06/2017
BBA	BBA	3rd Year	20/04/2017	12/06/2017
BCA	BCA	3rd Year	20/04/2017	12/06/2017
BBM	BBM	3rd Year	20/04/2017	12/06/2017
MSc	MSc(CS)	2nd Year	10/06/2017	12/07/2017
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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, BBM, BCA, BSc(CS), MSc(CS) ) : • 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, group discussion, written test, case study, Open book test, etc. For BSc(CS) and BCA -During practical session, orals are conducted twice in a semester for improving their practical knowledge. For MSc(CS) -Project work evaluation by industry experts and projects are regularly evaluated and monitored by practical incharge. For BBA , BBM - 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 an affiliated to 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 board, college website 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 of class. Computer Science and Commerce departments conduct an internal

assessment of students and students are well informed about these internal examinations well in advance by the department. Workshops/ Seminars, as well as curricular and cocurricular 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://www.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
BCom	BCom	Commerce	67	48	72
BBA	BBA	Commerce	29	18	62
BCA	BCA	Commerce	45	22	49
BSc (CS)	BSc	Computer Science	98	38	39
MSc (CS)	MSc	Computer Science	37	34	92

[View File](#)

## 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/SSS2016-2017.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
Nil	0	0	0	0

[View File](#)

### 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
State Level Workshop on Financial Inclusion challenges for Social Transformation	Commerce	24/11/2016
National level Workshop on Big data Analytics Hadoop	Computer Science	12/01/2017

### 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
Best Research Paper Award	Ms.Anjum Patel	Abeda inamdar college Pune	Nil	Best Paper in International Conference
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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
Commerce	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
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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
Science	1
Commerce	2
<a href="#">View File</a>	

### 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
Skew Correction of Handwritten Devanagari Script Using Pixels of AxisParall	T. A. Jundale	IEEE, International Conference on Energy, Systems Applications (ICESA)	2016	Nil	Nil	Nil

el Rectangle and Linear Regression						
Skew detection and Correction of Devanagari Script Document Using Bisection Method	T. A. Jundale	Indersci ence Journals, National conference on Recent Trends in Image Processing and Pattern Re cognition	2016	Nil	Nil	Nil
A Study of Financial Literacy in IndiaNeed and Measures	Swati Sathye	"Research Horizon" Success Pu blication edition in May 2016	2016	Nil	Nil	Nil
Stress M anagement: An effective approach for success with special reference to IT Indu stries.	Shital Mantri	National Conference on Emerging trends in Business Paradigm	2016	Nil	Nil	Nil
Stress M anagement: An effective approach for success with special reference to IT Indu stries.	Vaishali Kale	National Conference on Emerging trends in Business Paradigm	2016	Nil	Nil	Nil
Stress M anagement: An effective Approach for success with	Anjum A. Patel	National Conference on Emerging trends in Business Paradigm	2016	Nil	Nil	Nil

special reference to IT Industries						
An Investigative Study for Smart Home Security: Issues, Challenges and Countermeasures	Sudhir Chitnis	Wireless Sensor Network, SCIRP Journal	2016	Nil	Nil	Nil
Mahatma Gandhi's Sahitya Yojana	Babasaheb Rode	National Conference Organised by Shri Siddhivinayak Mahila Mahavidyalaya	2016	Nil	Nil	Nil
Anuvadit Atmcharit rache Anuvad Kaushalya	Babasaheb Rode	National Conference Organised by Shri Siddhivinayak Mahila Mahavidyalaya	2016	Nil	Nil	Nil

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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
Skew Correction of Handwritten Devanagari Script Using Pixels of AxisParallel Rectangle and Linear Regression	T. A. Jundale	IEEE, International Conference on Energy, Systems Applications (ICESA)	2016	Nil	Nil	Nil
Skew	T. A. Jundale	Inderscience Journals, National conference on Recent	2016	Nil	Nil	Nil

		Trends in Image Processing and Pattern Recognition				
A Study of Financial Literacy in India Need and Measures	Swati Sathye	"Research Horizon" Success Publication edition in May 2016	2016	Nil	Nil	Nil
Stress Management: An effective approach for success with special reference to IT Industries.	Shital Mantri	NATIONAL CONFERENCE on Emerging trends in Business Paradigm	2016	Nil	Nil	Nil
Stress Management: An effective approach for success with special reference to IT Industries.	Vaishali Kale	NATIONAL CONFERENCE on Emerging trends in Business Paradigm	2016	Nil	Nil	Nil
Stress Management: An effective approach for success with special reference to IT Industries.	Anjum Patel	NATIONAL CONFERENCE on Emerging trends in Business Paradigm	2016	Nil	Nil	Nil
An Investigative Study for Smart Home Security: Issues,	Sudhir Chitnis	Wireless Sensor Network, SCIRP Journal	2016	Nil	Nil	Nil

Challenges and Countermeasures						
Mahatma Gandhijinche Sahitik Yogdan	Babasaheb Rode	National Conference Organised by Shri Siddhivinayak MAhila Mahavidyalaya	2016	Nil	Nil	Nil
Anuvadit Atmcharit rache Anuvad Kaushalya	Babasaheb Rode	National Conference Organised by Shri Siddhivinayak MAhila Mahavidyalaya	2016	Nil	Nil	Nil
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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	2	7	5	Nil
Presented papers	1	5	1	Nil
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### 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
Yoga Training / Demonstration	NSS	6	190
Van Mahotsav	NSS	3	90
Self Defence Training for Girls	NSS	3	117
Swachha Bharat Abhiyaan	NSS	3	90
'Shramdan' Programme	NSS	6	190
Defecation Free Campaign	NSS	2	65
Farmer Centric - Organic farming	NSS	2	55
Farmer Accounting	NSS	1	30
Programmes on Conservation of	NSS	1	22

water/ Water Harvesting / Watershed development			
Health Check up	NSS	3	130
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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
'Shramdan' Programme	Recognition	Naygaon Grampanchayat, Bhor, Pune	190
Tree Plantation	Recognition - Vrukhsamitra Award	Saswad Grampanchayat, Pune	22
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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
NSS	SPPU	Swachha Bharat Abhiyaan	3	90
NSS	SPPU	Self Defence Training for Girls	3	117
NSS	SPPU	Beti Bachao Bati Padhao	3	117
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### 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
Collaboration for Research Facilities	VCACS & Dept of Electronics Science, SPPU	NIL	365
Building, engage and manage the community of student	Coursopedia VIIT	NIL	365
Research in solar energy and conservation system	Indian institute of Tropical Meteorology VIIT/Dr. AR Patil	NIL	365
Sharing resources of Library	Vishwakarma Institute of Management VCACS	NIL	365
Research collaboration in	MIT Pune VCACS	NIL	365



Polymer Chemistry			
Collaboration between both institute in Tally based accounting	College of Computer Accounts VCACS	NIL	365
Research Collaboration in areas of Computer Science Technology	Defence Institution of Advance Technology VCACS	NIL	365
Research Collaboration in computer Science Department	Solapur University VCACS	NIL	365
Research Collaboration in sharing Knowledge and conduct NET/SET Workshop and Seminar	Shivaji University, Kolhapur VCACS	NIL	365
To encourage co-ordination and direct contact between faculties and department together	KIST, South Korea VCAC	NIL	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/ industry /research lab with contact details	Duration From	Duration To	Participant
Institutional	Linkage	BMCC College Pune	24/06/2016	Nil	1
Sharing Knowledge	Linkage	Optoelectronic Sensor System Research Laboratory - Dept of Electronic Science SPPU	15/12/2016	Nil	1
Institutional	Linkage	Shivaji University, Kolhapur	Nil	Nil	1
Institutional	Linkage	Solapur University	Nil	Nil	1
Institutional	Linkage	SPEED	Nil	Nil	1

Institutional	Linkage	KIST, South Korea	Nil	Nil	7
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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
HDFC Credila	01/01/2017	Education Loan for Students	Nil
Coursopedia	Nil	Building and Managing Community of Students	5
Indian institute of Tropical Meteorology	Nil	Research in solar energy and conservation system	1
Vishwakarma Institute of Management	Nil	Sharing resources of Library	36
MIT Pune	Nil	Research collaboration in Polymer Chemistry	2
College of Computer Accounts	Nil	Collaboration between both institute in Tally based accounting	128
National Chemical Laboratory	Nil	Research Collaboration in sharing Knowledge and conduct NET/SET Workshop and Seminar	1
Salitron Tech	Nil	To develop technical Skills and provide learning and developing latest Software	4
CNC Web World, Pune	Nil	To provide Learning and Developing in latest Technology	8
KIST, South Korea	Nil	To encourage co-ordination and direct contact between faculties and department together	7
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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
46.87	55.66

##### 4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
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#### 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
slim21	Partially	3.2.0	2014

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	3080	499648	597	87981	3677	587629
Reference Books	77	34616	23	8145	100	42761
e-Books	10	Nill	5	Nill	15	Nill
Journals	4	12500	4	12000	8	24500
CD & Video	251	Nill	9	Nill	260	Nill
Library Automation	1	13500	Nill	Nill	1	13500
Weeding (hard & soft)	Nill	Nill	277	387435	277	387435
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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
Prof.Sudhir	Wireless Sensor	NMEICT	14/07/2017

Chitnis

Network

[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	143	5	143	0	0	16	25	5	0
Added	10	0	10	0	0	0	0	0	0
<b>Total</b>	<b>153</b>	<b>5</b>	<b>153</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>25</b>	<b>5</b>	<b>0</b>

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

5 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
<b>No Data Entered/Not Applicable !!!</b>	

**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
40	41.16	25	27.19

## 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)

Procedure and policies for maintaining and utilizing physical, academic and support facilities are for computer and IT maintenance is In house technical persons are appointed by college for the post of System Administrator. The college development fund is utilized for maintenance and minor repair of furniture and other electrical equipment. College has AMC for cleanliness and security purpose. Standard Operational Procedures for equipment and instruments are strictly followed. Every year infrastructure is increased as per growing demands from students and staff. 60 Desktop HP 280 G2MT, Licenced Tally ERP 9 software were purchased.

<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	74	437895
Financial Support			

from Other Sources			
a) National	Government of India Scholarship	22	328000
b) International	ICCR	20	826370
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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
Yoga day	21/06/2016	112	Ms. Shivani Chinchole (Winner of International Yoga Competition)
Personality Development Workshop	14/12/2016	126	Mrs. Ashwini Shinde
Nirbhay Kanya Abhiyan	01/06/2017	124	Mr. Santosh Pawar, Vijayanti Badade
Social Awareness Program - Shramadaan	03/08/2016	97	Pune Municipal Corporation, Pune
Industrial Visit	30/01/2017	46	Commerce Department - (SYBBA)
Bridge Course	05/08/2016	20	Mr Parth Shukla - Microsoft Certification
Bridge Course	27/08/2016	123	Science Department - IOT Technology Android, B.Sc (CS)
Bridge Course	07/10/2016	129	Commerce Department - Business Economic Growth
Remedial Coaching	03/10/2016	26	VCACS
Skill Enhancement Program	06/11/2016	62	VCACS
<a href="#">View File</a>			

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
2016	Microsoft Certification - Cyber Security and	Nil	50	Nil	2

	Ethical Hacking				
2016	Microsoft Certification Program	Nil	20	Nil	4
2016	Seminar on Preparation of CA/CS examination	59	Nil	Nil	2
2016	Seminar on Career guidance	Nil	64	Nil	Nil
2017	Seminar on How to crack Aptitude test	71	Nil	Nil	2
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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
Nil	Nil	Nil

## 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
Harbinger, TCS, Persistent, Cognizant, Telegram Services, Syntel, Vodafone, Infosys, capgemini	30	22	TCS, L and T, Capgemini, Termax publications, ITcube publications	14	12
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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
2016	27	B.Sc (CS), BCom. BCA	Computer Science, Commerce	VISHWAKARMA COLLEGE OF ARTS COMMERCE AND SCIENCE, Q	M.Sc (CS), CAFM, MCA, DTL

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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	6

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		

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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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2016	Runner Up	National	1	Nil	Nil	VCACS Team
2016	First Prize	National	1	Nil	Nil	Shrikris hna Kadam
2017	Second Prize	National	Nil	1	Nil	Sakshi Jain,Urmi Shah,Karti k Shah,Suraj Jadhav,Ans hul Kumari
2016	Third Prize	National	Nil	1	Nil	Adnan Ta mboli,Mill i Singh,Ak hila Batch u,Akshay M isal,Soora j Jadhav

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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:

10

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

0

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)

Yes, the college promotes the culture of participative management by involving



the teaching and nonteaching staff members at all levels of the organization. Staff Level • During the staff meetings and Committee meetings the teaching and nonteaching members are encouraged to provide innovative ideas and inputs. • The suggestions, views and ideas are considered, if found applicable. • The LMC of the college is representation of teaching and nonteaching members. This empowers them and makes them a part of the decision making process. All this inculcates a sense of ownership and motivates the staff members. • College always encourages staff to participate all the workshops organised by SPPU and other colleges. Student Level Being a stakeholder, students are asked to give feedback about teaching and nonteaching activities. They can also use suggestion box for giving suggestions . Strategic Level • GB, IQAC, LMC involving representations from the management, faculty, and other stakeholders formulate policies aligned with the institute's vision mission. • Principal, through periodic meetings with Head of the departments, plans and enables implementation of the same. Functional/Operational Level • Faculty and staff participate in the decision making and implementation at the department level .

- Heads of the departments, along with faculty, plan academic and other activities to be conducted in the department
- Faculty are involved in the implementation of teaching learning process and forensuring quality
- The teaching learning process is regularly monitored for effective implementation to ensure smooth and systematic functioning of the institute
- Students participate in the learning process and are involved in the functioning of the Institute
- Department and office staff provide the necessary support services for effective functioning of the institute

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	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.
Research and Development	The College has constituted a Research Committee with a view to develop a research culture among the faculty members. The committee members provide suggestions and recommendations to the staff members to increase their research quotient. The faculty members are encouraged to present research papers by providing them with facilities like library, research journals and laboratories. 24X7 internet facility has been provided to the teachers and students. The faculty members are given time off to visit the research centre or to research guides for their PhD work. The collegian encourages innovations amongst students

by conducting Inter-college Paper Presentation Competition in Commerce, Management, Computer Science and Electronics. The institute encourages the faculty to apply for funded projects, to collaborate with research organizations for UG and PG projects, to participate in seminars and conferences as well as organize them, to publish their research work.

Human Resource Management

The college has mechanism of notifying about the vacant teaching and non-teaching posts and conducting interviews as per the guidelines of SPPU and Govt. of Maharashtra. The college also appoints visiting faculty as per requirement. The new staff members are oriented during commencement staff meeting. The employees are provided casual leave as per the University norms. The facility of medical leave, maternity and earn leave is also provided to the staff as per the SPPU and Government of Maharashtra norms. VCACS management believes that faculty and staff are the backbone of the institute and that its success depends on the quality of human resources. Therefore, the objectives of human resource management are focused on maximizing employee performance. Priority is given for recruitment of suitable, competent faculty, training them to meet their teaching objectives, helping them realize their potential, rewarding high performing faculty and counseling low performing faculty based on their performance appraisal.

Industry Interaction / Collaboration

The college has constituted an Advisory Committee to bridge the gap between industry and academia. The committee members provide suggestions to improve upon industry interaction. The college has an Excursion Committee which organizes industrial visits for the students. The college encourages the students to take industrial projects as part of the curriculum. The Placement Cell of the college conducts various guest lectures and workshops for making the students job ready.

Teaching and Learning

The College prepares academic calendar at the beginning of academic year. The teachers prepare the Session plan and implement it. The regular internal tests are carried out. The college insists for use of innovative

teaching learning methods. The institute recruits qualified, experienced faculty according to norms specified by the regulatory bodies. Student feedback is taken twice a semester on the quality of teaching-learning which is utilized for improving the teacher's skills. The college encourages and motivates the faculty members to attend the Refreshers Course, Orientation Program, Seminars, Workshops and Conferences to update their knowledge. Other initiatives taken for enhancing and sustaining quality of teaching learning processes in the institute are as follows: Enhanced learning infrastructure is provided in classrooms like LCDs Internet facility for students and faculty for access to e-learning resources Remedial lectures are taken for weak students to bring them at par with the learning of other students. Guest lecturers / Seminars/ workshops are arranged for both faculty and students. Besides, in Department Library, several CDs/ charts/guideline books are available

Library, ICT and Physical Infrastructure / Instrumentation

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.

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

	<p>poor results are identified and for their development remedial classes are conducted followed by re exam/assignments/Remedial lectures.</p> <p>CCTV cameras are deployed at all floors, exam control room and library to monitor the examinations.</p>
Admission of Students	<p>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 6 Courses</p>

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

E-governance area	Details
Planning and Development	<p>Implementation of e-governance is achieved through uploading academic calendar and various notices 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>
Administration	<p>Teachers and in-charges of different committees are informed about the plans, notices, etc. through e-mails and different messaging applications.</p>
Finance and Accounts	<p>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.</p>
Examination	<p>Examination section is equipped with computer, internet, printer, photocopying machine, CCTV etc.</p> <p>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</p>

centre.

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.

### 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
2016	S.D.Chitnis	State Level Seminar on Role of Advanced Sensors in the Development of Smart City	Nil	461
2016	Swati Sathye	Workshop for Zonal Level Avishkar 2016	Nil	100
2017	S.D.Chitnis	National Conference on Applications of Computer and Electronic Science	Nil	1284
2017	Dr.Arun Patil	International Conference on Advanced Rechargeable Batteries and Allied Materials (ICARBM-2017)	Nil	4000

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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)
2016	Training on Course Teaching Method	Nil	08/07/2016	08/07/2016	35	Nil

2016	Nil	Session on Soft Skill Development	09/07/2016	09/07/2016	Nil	8
2016	Expert Lecture on IOT and Android	Nil	27/08/2016	27/08/2016	36	Nil
2016	Guidelines for Jr. Supervisor for University Exam	Nil	03/10/2016	03/10/2016	36	Nil
2016	Expert Lecture on Share Market	Nil	07/10/2016	07/10/2016	35	Nil
2017	Expert Lecture on SET / NET Exam	Nil	25/01/2017	25/01/2017	36	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
FDP on GST Students Employability	1	08/12/2016	08/12/2016	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
38	Nil	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, Awards for teaching staff of the college to provide incentive for their	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	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

commendable research work/ publications/ innovative teaching/ paper presentations,etc

Short term Courses.

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
<b>No Data Entered/Not Applicable !!!</b>		
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6.4.3 – Total corpus fund generated

700000

#### 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	No	Null	No	Null
Administrative	No	Null	No	Null

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 students 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 Parents. Also Parents are conducting activities like Career Guidance to students , 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. Technical Staff is encouraged to attend Training for Technical Development
2. The Administrative and Accounts Support Staff are facilitated by the College to undergo Training and Specialized Courses.
3. The Library Staff is encouraged to attend Training Programs.
4. Teaching staff is also encouraged to

participate in research activities, present papers and attend Refresher Courses and/or Orientation Courses.

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

**No Data Entered/Not Applicable !!!**

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
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
2016	Microsoft Certification for Computer Science students	05/08/2016	05/08/2016	07/08/2016	20
2016	Workshop on IOT Technology and Android	27/08/2016	27/08/2016	28/08/2016	123
2016	Workshop on Business Economic Growth	07/10/2016	07/10/2016	07/10/2016	129
2016	State Level Workshop on Financial Inclusion challenges for Social Transformation	24/11/2016	24/11/2016	25/11/2016	163
2017	National level Workshop on Big data Analytics Hadoop	12/01/2017	12/01/2017	13/01/2017	152
2017	Workshop on Nirbhay Kanya Abhiyan	06/01/2017	06/01/2017	06/01/2017	124

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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
Nirbhay Kanya Abhiyan	06/01/2017	06/01/2017	124	Nil

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
NIL

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	No	Nil

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
2016	1	1	21/06/2016	1	Yoga Training	Awareness Program	190
2016	1	1	01/07/2016	1	Tree plantation drive ( Van Mahotsav)	Awareness Program	56
2016	1	1	01/08/2016	15	Swachha Bharat Abhiyan	A mission of cleanliness	90
2016	1	1	03/08/2016	10	Shramdan Yojana	Social awareness	97
2016	1	1	04/08/2016	1	Defecation free campaign motivation resulting into construction of toilet	Health and Social awareness	65
2016	1	1	09/08/2016	1	Programmes on conservation of	Conservation of natural resources	22

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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)
Swachh Bharat Mission Programme	02/10/2016	VCACS has organized Swachh Bharat Mission Programme on 2nd October 2016 on the occasion of Mahatma Gandhijis Birth Anniversary. Under this activity Cleaning of college area, Laboratories and surrounding is done, Plantation, beautification of college premises is also done by the students. For this program total 142 students were participated.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Yuva Saptah	12/01/2017	18/01/2017	140
Worlds AIDS Day	01/12/2016	01/12/2016	59

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

• Water harvesting • E-waste management • Plantation • Hazardous waste management • Self Management - The student and staff members are motivated to conserve electricity and care is taken to switch off all fans and lights in class rooms and laboratories when they are not required. The college uses natural lighting and ventilation wherever possible. We have planted many trees around the college to make our college premises healthy and eco friendly. All halogen lamps are replaced by LED lamps in our campus •Use of Renewable energy - Solar water heaters are installed in hostels for supplying hot water to students.

**7.2 – Best Practices**

7.2.1 – Describe at least two institutional best practices

1. Title of the Practice Skill enhancement for fostering student's employability. Goal To provide industry training, and other skill sets to the students to make them globally competitive and employable in multinational industries or to pursue the higher studies. The Context A significant portion of our students come from small towns and cities and from middle class families. As a result of that many of them need extra inputs in order to develop their soft skills and a well developed personality for their successful

career. The employability is one of the biggest challenges for graduating students. The primary reason for this is the lack of skill sets as per the need of industry it may be due to knowledge gap between industry and academic institutions. It may be possible that, a student having good technical knowledge but lack of communication. There is an extreme need to provide the skill sets (both technical as well as non technical skills). The Practice The college has taken up the corrective measure to meet the need for improving employability of students through setting up a separate Career Development Cell as well initiated various skill oriented programs in the college, so that students can easily be placed. Some of the efforts made in this direction are briefly described here. Various workshops, seminars and guest lecture have been arranged on the different topics. Soft skill development program is conducted once in a year to improve their communication skills and personality development. Our college arranges inclination test for all students to check their IQ, EQ, extra skills, their interest, and their extra activities excluding their academic study. According to their performance every student has guided by counselor to encourage them in their skills or their interest. According to inclination test, students are divided into different groups to improve their knowledge based on their skills/interest to provide training on different fields such as,

- The students who have interest or whose aptitude knowledge is good, they have provided training on fields such as Banking, CA, CS etc competitive exams.
- The students who have general knowledge skills, they have provided training on competitive exams such as MPSC, UPSC etc.
- The students who have skills on program development, they have provided training on android development, IoT, Asp.Net development, Database Administrator based on their interest.
- The Students who have well communication skills, they have provided training on field such as Marketing, HR etc.
- To improve practical knowledge training program for tally, industrial visits are arranged.

• Training session is arranged for graduate students for MBA entrance preparation.

- For stress management Yoga programs have been conducted.

Counseling is done for improving their concentration and for time management.

- Social activities like female infanticide awareness, literacy awareness, cleanliness awareness programmes etc. are conducted to improve the overall interaction skills, team building and working capabilities. We have make tieups for institutes for providing trainings for our students on different platforms such as Java, .Net, Testing courses for computer faculty students and CA,CS(company Secretary), ICWA(Institute of Cost and Works Accountant) etc for commerce faculty student. We have tieup for institutes such as NSDC,YASHDA, NIIT, MKCL, MITCON, JetKing, SEED Infotech, APETECHS etc. We have arranged the training sessions from these different institutes to provide training for our students at time to time manner. The positive thing is these institutes have provided certificates to students. Social activities like female infanticide awareness, literacy awareness, cleanliness awareness programmes etc. are conducted to improve the overall interaction skills, team building and working capabilities. Evidence of Success
- The main evidence of our success in these efforts is the fact that we have been able to achieve more percentage of placements in the last years.
- We have seen many cases of students who were weak in the area of certain skills make significant improvements as a result of these inputs, students got placed in various sectors like Software Developer, Network Administrator and Database Administrator Marketing, Testing, Technical Support, Assistant in CA firm, BPO, Call Center etc.
- Refer 5.1.9 for more details about placement activities.
- Below chart shows the placement percentage ratio for the last three years. The chart shows the gradually increasing percentage of placement ratio. All this achieved because of efforts taken by college for developing the skills of students

Title of the Practice 'Paper Presentation Competition in Commerce, Management, Electronics and Computer Science'. Goal The basic aim of this activity is to inculcate the qualities of Research Aptitude, Original Thinking, Ideation, Presentation

**Skills and Communication Skills. The Context** The world of education today is now research driven. The absence of research would leave large lacunae in the current fast paced progressive society. Students need to realize the importance of opening their minds to the endless possibilities of research application.

Designing the competition was a herculean task for the college to create something which is different and unique and at the same time useful for students. As the aim of this competition is to generate and ignite the research interest and develop research aptitude in the minds of students, the college decided to conduct a paper presentation competition at the UG/ PG level. The

**Practice** The preevent practices start by deciding the competition dates. Science and Commerce Department members conduct a brain storming session for selecting appropriate topics for the competition. Once a list of topics is generated, each topic is discussed in detail and tested on parameters like research ability, applicability, relevance etc. The probable list of judges is prepared and the judges are finalized depending upon the subject and their research experience. The papers received before the events are scrutinized and corrections, if any, are conveyed to the participants. On the day of the event, registration of the participants is done. On the basis of registration, slots for presentation are prepared and the same is conveyed to the judges. During the session the participants present their research papers. The participants are judged on the basis of criteria like subject knowledge, presentation skills, research paper format and clarity of topic. The winners are awarded with the trophies and certificates. Evidence of Success Over the past three years there has been a consistent rise in the quality of participants for both paper presentations Commerce and Science. Students and faculties have actively participated in Avishkar they reached at zonal and state level respectively.

Our commerce department students, Kartik Shah and Dipesh Patel had participated in poster presentation for AVISHKAR(Research Oriented Competition) 2015. Also our faculty member Prof. Chitnis sir and Prof. Zope madam had participated in poster presentation in AVISHKAR 2014 at zonal level. Problems Encountered and

**Resources Required** Firstly, the selection of topics for the competition has always been challenging. The topics are selected after a lot of brainstorming and taking in view the applicability, relevance, research ability and topicality of the subjects. All along, we have been successful in selecting such topics which fulfill the above criteria. Secondly, selecting the judges for evaluation of the papers has also been a challenge because of the unavailability of judges due to time constraints and other reasons. Thirdly, though the competition focuses on undergraduate students, these students are unenthusiastic and unwilling and are not prepared to delve into research and hence sometimes the college faces problem of receiving large number of entries.

It is a time consuming process. It is difficult to encourage students to do research as students are attracted to different fields. **Resources Required** The college bears the expenses needed for this competition. We use internal resources namely Conference Room, LCD projectors for conducting this activity.

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

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

### 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 Science (VCACS) in kondhwa, was established in 2007 by the Bansilal Ramnath Agarwal Charitable Trust (B.R.A.C.T), Pune (Maharashtra State). Vision Our Institute aspires to have a better impact on students through quality education by imparting qualities of confidence and excellence. Mission Our mission is to prepare competent

enthusiast, imbibed with the spirit of professionalism and responsible citizenship in a competitive global environment. To this end, management and faculty commit themselves to the pursuit of excellence in education through discovery and dissemination of knowledge, development of technical and social skills and inculcation of values that define professional conduct. During the Year 2016-17, the college conducted "Yuva Saptah (Youth Week)" from 12th Jan 2017 to 18th Jan 2017. Under this event students had organized Blood Donation Camp, Career Guidance and Personality Development Sessions ( by Prof Anjum Patel Madam) , Inspirational Speech about the Responsible Citizenship (by Prin. Dr. A.R.Patil Sir) etc.

Provide the weblink of the institution

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

### **8.Future Plans of Actions for Next Academic Year**

1. Implementation of ICT/e-governance in all the administrative academic section to make the campus fully automated. 2. Promoting International collaboration for Academic Interaction and Research Resource Exchange. 3. To increase national International Linkage for higher education Institutions establish 4. To increase the number of MoU's by academic department for student and faculty exchange. 5. To ensure a plastic free, Junk food free Tobacco free campus make the campus eco-friendly. 6. Strengthening the Alumni database their contribution at the departmental level. 7. To enhance upgrade the resources of Laboratory facilities for creating Advanced Research Environment. 8. Implementation of better Laboratory Safety Guidelines in all the laboratories. 9. Usage of e-Resources in all the academic departments.