



## Yearly Status Report - 2017-2018

### 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	Laxminagar, Kondhwa (Bk)
City/Town	Pune
State/UT	Maharashtra
Pincode	411048

<b>2. Institutional Status</b>					
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			
<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>		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		<a href="http://vcacs.ac.in/FileDownload/AC2017-18.pdf">http://vcacs.ac.in/FileDownload/AC2017-18.pdf</a>			
<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	2.52	2017	22-Feb-2017	21-Feb-2022
<b>6. Date of Establishment of IQAC</b>			10-Sep-2015		
<b>7. Internal Quality Assurance System</b>					
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	
International Seminar on		24-Feb-2018		42	

Indo Korean relationship in science and Technology	2	
State level workshop on awareness of state tourism	05-Feb-2018 1	48
State Level Workshop on Bootstrap HCI in IOT Era	24-Jan-2018 2	112
State level Workshop on data warehousing and data mining	04-Jan-2018 2	25
Seminar on opportunities in work from home	18-Dec-2017 1	105
National Level Workshop on GST Impact Opportunity and Challenges	14-Dec-2017 2	43
Seminar on UPSC and MPSC	15-Sep-2017 1	50
National level workshop on teaching in the edge of Information and Communication Technology( ICT): Challenges and Countermeasure in Indian	19-Aug-2017 1	18
Seminar on Entrepreneurship Development	28-Jul-2017 2	45
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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
<b>No Data Entered/Not Applicable!!!</b>				
No Files Uploaded !!!				

<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)**

· Organization of various Workshops ,Seminars and Promotion of Skill based components for Undergraduate and Post graduate students · Enhanced Industry institute interaction · Initiating ICT enabled teaching with purchase of audio -visual instruments · Successfully conducted IQAC meeting according to new NAAC accreditation framework · organization of Faculty development program on research guidance

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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
Review of the previous IQAC meeting	Discussion on various suggestions given by NAAC committee visited on 21st February 2017
Admission Process Formation of admission committee, advertisement and hoarding placed.	Achieved targeted student strength Most preferred college in this area
Purchasing of equipments like PC and UPS 60 Computers and 1 UPS purchased	Smooth conduction of Practicals and optimum Utilization of Laboratory infrastructure
MoU Signing ICFAI IBS ,SSP technology Pvt Ltd	Conducted various workshop ,FDP and seminar, Provided internship to PG students
Oraganization of Workshop and Seminar (State level/National/International)	Conducted National Level Workshop on GST Impact Opportunity and Challenges ,State Level Workshop on Bootstrap HCI in IOT Era.International seminar on Indo Korean relationship in science technology for encouraging students for higher education in foreign universities and various workshops and seminars were conducted
Feedback Analysis	Feedback is analysed and suggestion and instructions given to faculty based on their performance after feedback is received from student
International MoU	MoU signed between Joongbu University, South Korea
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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1"> <tr> <td>Name of Statutory Body</td> <td>Meeting Date</td> </tr> <tr> <td>General Body</td> <td>05-May-2018</td> </tr> </table>		Name of Statutory Body	Meeting Date	General Body	05-May-2018
Name of Statutory Body	Meeting Date				
General Body	05-May-2018				
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	2018				
Date of Submission	09-Mar-2018				
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>1. College has been using an partial 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 Tally9.0 software. 7. Library : Library uses SLIM 21 Library Management software . 8. There are WiFi access points with WiFi 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). 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 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.

#### 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 Hacking(24 hours)	Nil	21/08/2017	3	Employability	Cyber Security and Ethical Hacking
Certificate course in Tally ERP(20 Hours)	Nil	02/01/2018	10	Employability	Computerized Accounting

Certificate Course in German(100 Hours)	Nil	05/08/2017	50	Employability	linguistic
Certificate Course in Digital Marketing(18 Hours)	Nil	11/09/2017	9	Entrepreneurship	Online Marketing

## 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	01/07/2017

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

	Certificate	Diploma Course
Number of Students	118	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
Computing with MATLAB/Scilab(20 Hours)	05/07/2017	44
Computing With JAVA(24 Hours)	27/07/2017	52
Statistical Method(16 Hours)	16/08/2017	47
Digital Marketing(18 Hours)	11/09/2017	39
Hands on IOT(26 Hours)	26/09/2017	28
E-Commerce(16 Hours)	30/10/2017	41
Banking and Finance(18 Hours)	12/01/2018	35
Artificial Intelligence(26 Hours)	07/02/2018	31
<a href="#">View File</a>		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field
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		Projects / Internships
BBA	HR/MARKETING/FINANCE	69
MSc	Computer Science	42
BCom	Cost and Works Accounting	68
BCom	Business Administration	71
BBA	International Business	23
<a href="#">View File</a>		

## 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>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. Employers Feedback- Employers Feedback is taken manually once in a year. 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 parent - teacher meet is conducted. 6. 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 .</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
BBA	HR/Marketing/ Finance	80	121	94
BBA	Computer Application	80	103	85
BCom	Business Admi nistration/Cost and Work Accounting	120	193	132
BSc	Computer Science	160	213	171
BBM	International Business	80	109	86
MSc	Computer Science	60	100	61

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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
2017	1246	121	32	1	3

## 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	Numberof smart classrooms	E-resources and techniques used
36	25	5	5	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 of 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. 8. To encourage students to participate in intercollegiate competition. 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. Institute provides Scilab, MATLAB, value added courses to improve their skills. Teachers arrange the remedial lectures for slow learners as well as arrange the lagging lectures for foreigner students those who are taking late admission. 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- 108 students score more than 70 percent in the University Examination. From PG- 58 students score more than 70 percent in the University Examination. 2. Students have 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
1367	36	1:38

## 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
36	36	Nil	14	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
2018	Dr. Shital P. Mantri	Assistant Professor	Ph.D. in Management
2017	Anjum A. Patel	Assistant Professor	Appointed as BOS member at St. Miras College Pune
2018	Anjum A. Patel	Assistant Professor	Appointed as BOS member at St. Miras College Pune
2018	Anjum A. Patel	Assistant Professor	Appointed as BOS member at SPPU
2017	Poonam Jadhav	Assistant Professor	Appointed as BOS member at SPPU
2018	Poonam Jadhav	Assistant Professor	Appointed as BOS member at SPPU

[View File](#)

## 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
BCom	BCOM	Third Year	06/04/2018	05/06/2018

BBA	BBA	Third Year	19/04/2018	08/06/2018
BBA	BBA(CA)	Third Year	16/04/2018	07/06/2018
BSc	BSc(CS)	Third Year	12/04/2018	30/05/2018
MSc	MSc(CS)	Second Year	18/05/2018	23/06/2018
<a href="#">View File</a>				

#### 2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

For all courses (BCom, BBA, BBM, BBA(CA), 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 BBA(CA) -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. Workshop/ 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://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
BBA(CA)	BCA	Computer Application	57	32	56
BCOM	BCom	Business Administration/Cost and Work Accounting	51	26	51

BBA	BBA	HR/Marketing/Finance	45	36	80
BSc (CS)	BSc	Computer Science	103	47	46
MSc (CS)	MSc	Computer Science	42	40	95

[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/SSS2017-2018.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	NIL	0	0
No file uploaded.				

### 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
National Level Workshop on GST Impact Opportunity and Challenges	Commerce	14/12/2017
State Level Workshop on Bootstrap HCI in IOT Era	Computer Science	24/01/2018

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
No Data Entered/Not Applicable !!!				
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nil
No file uploaded.					

### 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	Nil

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)
International	Commerce	2	Nil
<a href="#">View File</a>			

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
Commerce	1
Science	3
<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
LiCoO <sub>2</sub> Thin Film Cathodes Grown by Sol- Gel Method	Vaishali Patil, Arun Patil, Ji-Won Choi, Yoon-Pyo Lee, Hyun-Jai Kim and Seok-Jin Yoon	Journal of Electroceramics 23(2009) 214	Nil	9	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	9	VCACS, Pune	68
Preparation and characterization of chemically deposited mixed (Bi <sub>1-2x</sub> Sb <sub>x</sub> ) <sub>2</sub> S <sub>3</sub> thin films	V.A.Patil, A.R.Patil J-W Choi and S-J Yoon	Surface Engineering 23(2007)28	Nil	9	VCACS, Pune	1
Chemical compositional analysis	A.R.Patil, V.N.Patil, M.A. Anuse	Thin Solid Films 414(2002)155	Nil	9	VCACS Pune	3

of the bismuth sulphoselenide thin films	,P.N. Bhosale and L.P.Deshmukh					
A study of bismuth sulphoselenide 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	9	VCACS Pune	3
Synthesis and Characterization of LiCoO <sub>2</sub> Thin Films Prepared by the Sol- Gel Method	Vaishali Patil, Arun Patil, Ji-Won Choi and Seok-Jin Yoon	Solid State Sciences 13 (2011)1232	Nil	9	VCACS Pune	3
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	9	VCACS, Pune	6
Handwritten Devanagari character recognition using artificial neural network	P Khanale, S Chitnis	Journal of Artificial Intelligence 4 (1), 55-62	Nil	5	VCACS, Pune	5
An investigative study for smart home security: Issues, challenges and countermeasures	Sudhir Chitnis, Neha Deshpande, Arvind Shaligram	Wireless Sensor Network 8 (04), 61	Nil	5	VCACS, Pune	14

[View File](#)

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

Title of the	Name of	Title of journal	Year of	h-index	Number of	Institutional
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Paper	Author		publication		citations excluding self citation	affiliation as mentioned in the publication
Preparation and characterization of chemically deposited mixed (Bi12x,Sbx)2S3 thin films	V.A.Patil, A.R.Patil J-W Choi and S-J Yoon	Surface Engineering 23(2007)28	Nil	8	1	VCACS, Pune
LiCoO2 Thin Film Cathodes Grown by Sol- Gel Method	Vaishali Patil, Arun Patil, Ji-Won Choi, Yoon-Pyo Lee, Hyun-Jai Kim and Seok-Jin Yoon	Journal of Electroceramics 23(2009) 214	Nil	8	5	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	68	VCACS, Pune
An investigative study for smart home security: Issues, challenges and countermeasures	Sudhir Chitnis, Neha Deshpande, Arvind Shaligram	Wireless Sensor Network 8 (04), 61	Nil	9	14	VCACS, Pune
Handwritten Devanagari character recognition using artificial neural network	P Khanale, S Chitnis	Journal of Artificial Intelligence 4 (1), 55-62	Nil	9	5	VCACS, Pune
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	8	6	VCACS, Pune

Synthesis and Characterization of LiCoO <sub>2</sub> Thin Films Prepared by the Sol- Gel Method	Vaishali Patil, Arun Patil, Ji-Won Choi and Seok-Jin Yoon S	Journal of Nanoscience and Nanotechnology 6(2016)1-43	Nil	8	3	VCACS, Pune
A study of bismuth sulphoselenide 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	3	VCACS, Pune
No file uploaded.						

### 3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Presented papers	5	2	1	Nil
Attended/Seminars/Workshops	7	2	1	Nil
<a href="#">View File</a>				

### 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 AIDS Day	NSS	2	35
Swachha Bharat Abhiyaan	NSS	3	40
Nirbhay Kanya	VCACS-SWO	3	50
Womens Empowerment	VCACS-SWO	2	50
International Yoga Day	VCACS-SWO	3	50
World Environment Day	VCACS-NSS	2	45
National Unity Day	VCACS-NSS	2	50
Blood Donation Camp	VCACS-NSS	3	85

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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
Swachchha Bharat Abhiyaan	Recognition, Award	Gram Panchayat Authorities	40
Traffic Rules Awareness and Helmet Sakti	Recognition for Active Participation	Road Traffic Police Authorities, Pune	2
No file uploaded.			

### 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-VCACS	International AIDS Day	2	35
Swachchha Bharat	NSS VCACS	Swachchha Bharat Abhiyan	3	40
Nirbhay kanya	SWO-VCACS	Womens Self Defence	3	50
Women Empowerment	Vidyarthini Manch-VCACS	Womens Day	2	50
Human values and ethics	NSS-VCACS	National Unity Day	2	50
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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
To encourage Corporation and Direct contact between Faculties and department together	Joongbu University, South Korea & VCACS	NIL	365
To grant Education Loan to Student	HDFC Credila & VCACS	NIL	365
Collaboration for Research Facilities	VCACS & Dept of Electronics Science, SPPU	NIL	365
Research in solar energy and conservation system	Indian institute of Tropical Meteorology & Dr. A.R. Patil	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
Linkage - Institutional	Linkage for Sharing Knowledge Industrial internship	Omeegasoft Technology Pvt. Ltd., Pune	28/12/2017	30/06/2018	9
Institutional Linkage	Research Facility Sharing Linkage	KIST, South Korea	01/07/2017	30/06/2018	7
Institutional Linkage	Knowledge sharing Enriching Education	Padmabhushan Vasanttraodada Patil Inst of Tech. Budgaon Sangli	01/07/2017	30/06/2018	1
Institutional Linkage	Technical Knowledge Sharing	Sanjay Bhokare Group of Institutes	01/07/2017	30/06/2018	1
Institutional Linkage	Knowledge Sharing Linkage	Dr. Mahadeo Kamble, KVN Naik College Nashik	01/07/2017	30/06/2018	1
Linkage with Institution	Linkage for Sharing Knowledge	Dr. Babasaheb Ambedkar Marathwada University Aurangabad	13/03/2018	30/06/2018	1
Training Development Institutional Linkage	Practical Business Exposure Expert Guidance	ICFAI Business School	18/09/2017	30/06/2018	163
Linkage - Institutional	Linkage for Sharing Knowledge Industrial internship	Parle G ,Khopoli, Khopoli, Mumbai	05/01/2018	30/06/2018	92
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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
Joongbu University, South Korea	18/06/2018	To encourage cooperation and Direct contact between faculties and department together	3
Solapur University	18/07/2017	Research Collaboration in computer Science Department	31
Shivaji University, Kolhapur	07/08/2018	Research Collaboration in sharing Knowledge and conduct NET/SET Workshop and Seminar	52
ICFAI Business School	18/09/2017	To encourage co-operation and direct contact between experienced faculties and department together	163
College of Computer Accounts	12/07/2017	Collaboration between both institutes related to training in Tally based accounting	169

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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
36.3	38.34

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
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	Existing
Classrooms with LCD facilities	Newly Added
Class rooms	Newly Added

Campus Area	Existing
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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
Slim 21	Partially	3.2.0	2014

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
	Text Books	3677	587629	95	14372	3772
Reference Books	100	42761	28	11526	128	54287
e-Books	15	Nill	8	Nill	23	Nill
Journals	8	24500	4	10000	12	34500
CD & Video	260	Nill	9	Nill	269	Nill
Library Automation	135000	Nill	Nill	Nill	135000	Nill
Weeding (hard & soft)	2777	387435	Nill	Nill	2777	387435
Others(s pecify)	356	106209	9	9155	365	115364

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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
<b>No Data Entered/Not Applicable !!!</b>			
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#### 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	153	5	153	0	0	16	25	5	0
Added	60	0	60	0	0	4	3	0	0
Total	213	5	213	0	0	20	28	5	0

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

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
87	86.55	15	9.06

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)

A system followed for Infrastructure development and maintenance of the entire campus. The management has constituted a repairs and maintenance committee. Campus upkeep is done through housekeeping department. Appointment of technicians for maintenance of hardware and software of IT infrastructure is done. Computers, printers and power backup is maintained through AMC. Class Rooms: Proper ventilated, spacious Classrooms are allotted as per the student strength and time table. Standard Operational Procedures for equipment and instruments are strictly followed. Computer Laboratories: Computer laboratories are allotted to different classes and faculty based on timetable. Library committee is made to ensure optimum utilization of library resources. The office administration has reorganised the activities of the office for rendering good service to staff and proper management of data by utilising 'Vridhi' Software .Campus version of Antivirus installed in all computers.

Infra

<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	4	45335
b) International	ICCR	20	834310
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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	Date of implemetation	Number of students	Agencies involved
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enhancement scheme		enrolled	
Yoga Day	21/06/2017	75	SDO
Entrepreneurship Development Seminar	28/07/2017	45	Preeti Bhatia- Chairman YAEER Founder at Roots/me ntor/Guide-Commerce Department
Remedial Coaching	16/08/2017	12	Commerce Department
Remedial Coaching	24/08/2017	15	Science Department
Guest Lecture	18/12/2017	105	Mr.Manish Jawale- Department of Comme rce-Opportunities in work from home
Personality Development Workshop	11/12/2017	35	Dr. Nisha Mundada
Bridge Course	14/12/2017	43	Commerce Department-(GST impact opportunity challenges-BCom students)
Bridge Course	24/01/2018	112	Science Departmen t-(Bootstrap HCI in IOT era-B.Sc.(CS) Students,)
Quiz-Subjective	01/08/2017	50	Commerce Department (BCA)
Student Mentoring Session	22/01/2018	8	VCACS
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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
2017	UPSC and MPSC Seminar	50	Nil	Nil	Nil
2018	Tally	Nil	35	Nil	2
2017	Microsoft Certification Program	25	Nil	Nil	3
2017	Digital Marketing	Nil	39	Nil	1
2017	E-Commerce	Nil	41	Nil	Nil

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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
L and T, Infosys, TCS, Cognizant, Syntel, Telegram Services, Konocrane services, Vodafone	50	42	SB IT services, BMC software, Enpro Industries Pvt Ltd, Konocrane services	6	4
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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
2017	1	TY BSC (CS)	Computer Science	NORTHERN ILLINOIS UNIVERSITY	MS
2017	33	TY BSC (CS), TYBCA	Computer Science, Commerce	VISHWAKARMA COLLEGE OF ARTS COMMERCE AND SCIENCE, MIT Pune	M.Sc (CS), MBA
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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
<a href="#">View File</a>	

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

Activity	Level	Number of Participants
<b>No Data Entered/Not Applicable !!!</b>		
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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
<b>No Data Entered/Not Applicable !!!</b>						
<a href="#">View File</a>						

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) :

40000

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.

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
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

	<p>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>
<p>Research and Development</p>	<p>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.</p>
<p>Examination and Evaluation</p>	<p>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</p>

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.

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.

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 6 Courses

Industry Interaction / Collaboration

The Department of Computer Science and Commerce are involved in Industry Interaction. Industries are collaborated through MoU. 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 career. 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.

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

E-governance area	Details
Planning and Development	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.
Administration	Teachers and in-charges of different committees are informed about the plans, notices, etc. through e-mails and different messaging applications.
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.
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.
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
2017	Dr. Arun Patil, Anjum Patel, S. D. Chitnis	The 4th International Conference on Advance Electro materials	Nil	287484
2017	S.D.Chitnis	Two days National Level Workshop on Internet of Things (IoT) : Architecture, Challenges, Applications and Tools for Smart Cities	Nil	768

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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)
2017	PDP on Vruddhi Software Updates	PDP on Vruddhi Software Updates	07/07/2017	07/07/2017	18	8
2017	Research Paper Writing Skills	Nil	28/07/2017	28/07/2017	29	Nil
2017	Basics of GST Accounting	Basics of GST Accounting	11/08/2017	11/08/2017	22	6
2017	FDP on Creativity in Teaching M ethodologi es	Nil	18/09/2017	18/09/2017	29	Nil
2017	Guidance Session on Time Management	Nil	13/10/2017	13/10/2017	27	Nil

	Skills for NET / SET Exam					
2017	Guidance on Usage of Google Workspace	Guidance on Usage of Google Workspace	08/12/2017	08/12/2017	28	7
2018	Guidance Session on Teaching Aptitude for NET / SET Exam	Nil	25/05/2018	25/05/2018	18	Nil
<a href="#">View File</a>						

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
Case Studies as an Effective Pedagogy for Teaching and Learning	2	01/03/2018	01/03/2018	1
FDP on GST Students Employability	1	23/01/2018	23/01/2018	1
<a href="#">View File</a>				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
36	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 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 (BRAC). Compliance report is provided to the Chief Finance Officer and Managing Trustee of BRAC.

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
Savitribai Phule Pune University, Alumni	366927	QIP,State Level Workshop,National Level Workshop, Student Welfare
<a href="#">View File</a>		

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	No	Null	Yes	IQAC and Governing Body (BRAC)
Administrative	No	Null	Yes	IQAC and Governing Body (BRAC)

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. 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. Wide and continuous contact with students, teachers and all stakeholders through SMS Gateway 2. Publicity through prospectus, website, advertisement etc was increased. 3. Augmentation of infrastructure. 4. CCTVs have been installed in large classrooms for vigil on the examination system 5. Submission of Data to AISHE Portal 6. Inculcating research orientation among the teaching faculty 7. Academic and Extension Activities with, Lecture Halls, Seminar/Conference Spaces, etc. 8. Colleges have contributed to building and strengthening interaction and collaboration with industry and other organizations like educational institutes, etc 9. 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 10. 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	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
2017	Seminar on Entrepreneurship Development	28/07/2017	28/07/2017	29/07/2017	45
2017	National level workshop on teaching in the age of Information and Communication Technology (ICT): Challenges and Countermeasure in Indian	19/08/2017	19/08/2017	19/08/2017	18
2017	Seminar on UPSC and MPSC	15/09/2017	15/09/2017	15/09/2017	50
2017	National Level Workshop on GST Impact Opportunity and Challenges	14/12/2017	14/12/2017	15/12/2017	43
2017	Seminar on	18/12/2017	18/12/2017	18/12/2017	105

	opportunities in work from home				
2018	State level Workshop on data warehousing and data mining	04/01/2018	04/01/2018	05/01/2018	25
2018	State Level Workshop on Bootstrap HCI in IOT Era	24/01/2018	24/01/2018	25/01/2018	112
2018	State level workshop on awareness of state tourism	05/02/2018	05/02/2018	05/02/2018	48
2018	International Seminar on Indo Korean relationship in science and Technology	24/02/2018	24/02/2018	26/02/2018	42
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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
Gender Equity Program- Womans Self Defense	23/02/2018	23/02/2018	130	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
<b>No Data Entered/Not Applicable !!!</b>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	Nill
Physical facilities	Yes	Nill

Rest Rooms	Yes	Nil
Scribes for examination	Yes	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
2017	1	1	11/12/2017	12	Road Safety and Helmet Compulsory Drive	Awareness Program	150
2018	1	1	12/01/2018	1	National Youth Day	Awareness Program	50
2018	1	1	08/03/2018	1	International Womens Day	Awareness Program	74
2017	1	1	05/06/2017	1	World Environment Day	Awareness Program	64
2017	1	1	21/06/2017	1	International Yoga Day	Awareness Program	75
2017	1	2	01/08/2017	15	Swachhata Pakhwara	A mission of cleanliness	84
2017	1	1	25/09/2017	1	NSS Day	Awareness Program	97
2017	1	1	30/09/2017	4	Cloth Donation Camp	Awareness Program	66
2017	1	1	31/10/2017	1	National Unity Day	To establish the unity of the nation	89
2017	1	1	05/12/2017	1	Blood Donation Camp	Awareness Program	114

[View File](#)

#### 7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Blood Donation Camp	05/12/2017	<p>A great initiative of organizing a blood donation camp was taken by VCACS on 5th Dec 2017 from 9.00 am to 4.00 pm. This Nobel activity was organized successfully with the help of Sasoon Hospital,Pune. Total 114 enrolled for this blood donation camp including students, staff etc.Before the donation, checking weight, pressure, and body temperature were measured so that the one donating blood does have to face further health issues.The doctors were also pleased by the enthusiastic response. The one donating blood was taken to the relaxation room for the rest of a few minutes and given certificates and refreshments. This activity helps to built Social Awareness regarding responsibilities of citizens in the students.</p>
International Yoga Day	21/06/2017	<p>Every year VCACS celebrates International Yoga day by taking initiative with students and staff. A Yoga session was arranged in collage premises in which different Yogasana were performed by the participants.This activity helps to boost the importance of Health and its awareness in the students for their healthy life.</p>

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
National Youth Day	12/01/2018	12/01/2018	50
National Unity Day	31/10/2017	31/10/2017	89

International Womens Day	08/03/2018	08/03/2018	74
International Yoga Day	21/06/2017	21/06/2017	75
World Environment Day	05/06/2017	05/06/2017	64

[View File](#)

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

1. World Environment Day 2. Tree Plantation Program 3. Swachhata Pakhwara 4. Tobacco Awareness Program 5. Swachha Bharat Abhiyan

## 7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Road Safety and Helmet Compulsory Drive Vishwakarma College of Arts, Commerce Science (VCACS) has organized "Road Safety and Helmet Compulsory Drive" from 11th December to 22nd December 2017 in VIIT campus jointly with Pune traffic Police. At this event college Principal, Staff members, Students with Pune traffic police Mr. Ashok Morale – TCP and Mr. Chandrakant Nimbalkar – Police Nirikshak, Kondhawa region. For this drive, we got the support of all the students of the different branches like Engineering, Management, Arts, Commerce and Science along with all the faculty members and volunteers. Here Batch wise duties were allotted to the staff and volunteers, who checked License, Helmet and PUC of a Vehicle strictly. This inspiring activity taught us the value of team work, discipline maintain in daily life which is important for safety. Our college is first college who organized such activity in Pune city. At the end of this session best volunteers were felicitated by Mr. Ashok Morale and Mr. Chandrakant Nimbalkar Sir along with Principal and Director of the institute.

2. Blood Donation Camp - Vishwakarma College of Arts, Commerce Science (VCACS) has organized Blood Donation Camp on 5th December 2017 from 9.00 am to 4.00 pm. One of the fundamental objectives is to help the society. Due to lack of blood, many people have to lose their lives, such social drives help in avoiding such situations. The blood donation camp was organized with the help of Sasoon Hospital. The hospital provided the necessary equipments along with the doctors staff. The VCACS College Along With Sasoon Hospital, Pune carried out this Nobel program successfully. A huge response was shown by students and staff, a total 114 people enrolled for this blood donation camp. The donors were provided with snacks after blood donation certificate was also awarded for the same. The doctors were pleased by the enthusiastic response.

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 has celebrated "International Womens Day" on 8th March 2018 at 11.00 am. Conception - International Womens Day is celebrated in the world over, every year on the eight day of March. It celebrates womanhood and pays tribute to the indomitable spirit of women across the globe. Its root lies in the early 1900s when oppression and inequality was spurring women to become more vocal and active in campaigning for change. Objective - To create awareness of gender equality for a healthy society. Also, the milestone to be reached is the basic information for a girl child in every

family education will during awareness among the society which will further result in overall development of nation and its community. Details - 8th March, considered as International Women's Day. This day brings many things for women - a cause for celebration, a reason to pause and re-evaluate a remembrance, an inspiration and a time to honour, loved and admired. To honor womanhood, VCACS has celebrated the International Women's Day on Tuesday, 8th March, 2016 in the campus. On this occasion, there were various events of celebrations and deliberations performed by the students of the college. Students, too, shared their views on woman empowerment and ongoing scenarios. Preparation of Women's Day Programme had started immediately after identifying the need for Womens motivation towards their duties. During the event Prof. Anjum Patel madam addressed that girls should know their right to defend themselves and be careful against crimes against women. A cultural show was carried out which emphasized the role of women in the society. The Program was concluded by proposing the vote of thanks by Prof. Vaishali Kale madam.

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.