

Self Study Report (SSR)
For NAAC-Accreditation of
Bansilal Ramnath Agarwal Charitable Trust's
Vishwakarma College of Arts,
Commerce and Science

Submitted to
The National Assessment & Accreditation Council
Bangalore

Submitted by



Vishwakarma College of Arts, Commerce and Science

Survey No. 3/6, Laxminagar, Kondhwa (Budruk)

Pune-411048, Maharashtra (India)

2016-17

Bansilal Ramnath Agarwal Charitable Trust's
Vishwakarma College of Arts, Commerce and Science

Details of Programs offered in College

Sr. No.	Programme Level	Name of the Programme	Duration	Sanctioned Intake
1.	Under Graduate	Bachelor in Commerce (B.Com.)	3 Years	120
		Bachelor in Business Administration (B.B.A.)	3 Years	80
		Bachelor in Business Administration- Computer Applications (B.B.A.- C.A.) (Old name B.C.A.)	3 Years	80
		Bachelor in Business Administration- International Business (B.B.A.- I.B.) (Old Name BBM-IB)	3 Years	80
		Bachelor in Computer Science (B.Sc.- Computer Science)	3 Years	160
2.	Post Graduate	Master in Computer Science (M.Sc.- Computer Science)	2 Years	60

Bansilal Ramnath Agarwal Charitable Trust's
Vishwakarma College of Arts, Commerce and Science

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Ref. No: VCACS/2016-17/2365

Date: 21/10/2016

To,
The Director,
National Assessment and Accreditation Council,
P. O. Box No. 1075, Nagarbhavi, Opposite to National Law College,
Jnanabharati Campus,
Bengaluru- 560072

Sub.: Submission of SSR of College for First Cycle of Accreditation
Ref.: Track Id: MHCOGN26696

Respected Sir,

With reference to your IEQA acceptance dated 20.10.2016, regarding submission of Self Study Report (SSR) bearing Track ID is MHCOGN26696, I have inform you that we have uploaded the SSR on our website on 03.10.2016.

The Institute is ready for Accreditation and Assessment for Cycle I by NAAC peer team. You are kindly requested to accept the SSR in **hard copy form** for further processing.


The submission includes five hard copies and one soft copy (CD) of SSR along with the Demand Draft of Rs. 1,72,500/- (One Lakh Seventy Two Thousand Five Hundred only) for your kind perusal. Please accept the same.

I further assure you, that the uploaded SSR and the hard copies of the SSR are as per the prescribed manual/ formats of NAAC.

Thanking You,

Yours Sincerely,




Dr. Arun R. Patil
Principal

**Vishwakarma College of Arts
Commerce and Science
Kondhwa (Bk.), Pune-41**

Bansilal Ramnath Agarwal Charitable Trust's
Vishwakarma College of Arts, Commerce and Science

NAAC – STEERING COMMITTEE

Dr. Arun R. Patil	Principal	Chairman
Prof. Anjum A. Patel	PG Coordinator	Coordinator
Prof. Dr. Babasaheb R. Rode	HOD Commerce	Member
Prof. Swati H. Patil	Course Coordinator	Assisting Coordinator
Prof. Sudhir D. Chitnis	HOD Science	Member
Mr. Suresh E. Sase	Administrative In-charge	Member

Critical Review Committee

Dr. Babasaheb R. Rode	Member
Prof. Sudhir D. Chitnis	Member
Mr. Suresh E. Sase	Member
Mr. Santosh Karekar	Member

SSR Preparation Committee

Mr. Suresh Sase	In-charge Criteria I
Prof. Rupali Taware	Asst. in-charge
Prof. Sudhir Chitnis	In-charge Criteria II
Prof. Prajakta Patil	Asst. in-charge
Dr. Babasaheb R. Rode	In-charge Criteria III
Prof. Kavita Khoje	Asst. in-charge
Mr. Sandip Bhosale	In-charge Criteria IV
Prof. Sameer Khole	Asst. in-charge
Prof. Swati Patil	In-charge Criteria V
Prof. Gayatri Mulay	Asst. in-charge
Mr. Santosh Karekar	In-charge Criteria VI
Prof. Poonam Jadhav	Asst. in-charge
Dr. Babasaheb Rode	In-charge Criteria VII
Prof. Vikrant Salve	Asst. in-charge
Prof. Swati Sathye	Supportive In-charge
Prof. Vaishali Kale	Supportive In-charge

CHRONOLGY OF DEVELOPMENTS

Year	Academic Development
2007	GR received for new college (Arts, Commerce and Science)
2007	Arts, Commerce, and Science Affiliation sought
2007	B.Com. course was started
2008	Certificate in German, French, Japanese and English and Diploma Courses in German, French, Japanese Affiliation sought
2008	National Service Scheme started (NSS)
2009	GR received for new courses of B.Sc. (Computer Science), BBA, BCA and BBM (IB)
2009	BCA, BBA , BBM (IB) and B.Sc. (Computer Science) Affiliation sought
2009	Governing Body / Advisory Committee constituted
2010	Language Courses German, Japanese, French and English (Certificate and Diploma)started
2010	Local Managing Committee (LMC) constituted
2010	Student Welfare Unit of SPPU programmes started
2010	MOU with Hirwal Education Trust, Mahad
2011	GR received for new courses of M.Sc. (Computer Science) and MCA (Commerce)
2011	M.Sc. (Computer Science) Affiliation sought
2011	GR received for additional division B.Sc. (Computer Science)
2011	B.Sc. (Computer Science) additional division Affiliation sought
2012	GR received for additional division M.Sc. (Computer Science)
2012	M. Sc. (Computer Science) additional division Affiliation sought
2013	Soft Skills Development Programme by NSDC started
2013	Vishwakarmiya College magazine started

2013	Women's Forum constituted
2013	Certificate Course in Tally provided
2013	National Conference (Science) organized
2013	Disaster Management Demo organized
2013	Karate workshop for girls under SWO organized
2013	NET/ SET Workshop organized
2013	Computer Science Club formation
2013	Commerce Club formation
2014	MoU with KIST, Seoul, South Korea
2014	Workshop on Robotics organized
2014	State level conference (commerce) organized
2014	Soft Skills Development Programme by NSDC Continued
2014	Workshop of Android training organized
2014	Certificate course on cyber security provided
2014	Yoga workshop for girls under SWO organized
2014	NET/ SET Workshop organized
2014	Pool campus drive- TCS conducted
2014	Pool campus drive- Infosys conducted
2014	MOU with Shantiniketan Academy, Pune
2015	Workshop of Robotic-object sensor detection organized
2015	NET/ SET Workshop organized
2015	National Workshop on Wireless Sensor Network organized
2015	IQAC Committee formed
2016	WNS Campus drive organized
2016	L & T Campus drive organized
2016	Infosys Campus Drive organized
2016	Microsoft Certificate course in Cyber Security organized

2016	Workshop on Basics of Aptitude organized
2016	Workshop on IoT and Android Development organized
2016	Additional Books purchased in Library
2016	State Level Workshop on Advertising Methods organized
2016	Faculty Development Programme on “Smooth Conduction of Examination”
Year	Physical Development
2007	College started in new Building
2007	Library facility started
2007	Staff Room with required infrastructure provided
2008	Parking Facility provided
2008	Play Ground facility provided
2008	Hostel facility provided for students
2008	Water Coolers with purifier facility provided
2009	Computer Science Laboratory established
2009	Common Generator Backup System installed
2009	College Website Launched
2009	NSS Room added
2010	Additional Computer Science Laboratory established
2010	New Additional Classroom Provided
2010	Electronics Laboratory established
2010	Fire Extinguisher System installed
2010	Tally ERP.9 provided for account section
2010	Security system provided through Quick Heal
2010	LCD Projectors installed
2010	Additional Water Purifier facility provided
2010	Additional Computer Science Laboratory established

2010	Ramp facility provided
2010	Girls Common Room created
2011	Biometric Machine system installed
2011	Sports Room provided
2011	EPABX System Installed
2011	Leased line (Aircel) internet facility started
2011	College bus facility provided for students
2012	UPS Backup for all Computer Laboratories and office installed
2012	Examination Control Room established
2012	Wi-Fi facility provided for 24X7 in campus
2013	Separate PA System provided
2013	Administrative and Accounts office Renovated
2013	Additional Sports Equipments added in Sports Department
2013	Additional Computer Science Laboratory established for PG
2013	Server Room created
2014	Slim-21 Library software installed
2014	ICT- Audio Visual Class Room created
2014	Vriddhi Software system Installed
2014	Separate Water Tanks installed
2014	Digital Duplicating Machine - 90 PPM installed
2014	CCTV Cameras Security System Installed
2014	Additional Reading Room facility Provided
2014	Indoor games facility added
2015	NAAC & IQAC Room added
2015	Separate Bore-well created
2015	Canteen facility started
2015	Well Equipped Swimming Tank and Gymnasium opened for students

2015	Library OPAC System installed
2015	Internet Lease Line upgraded to 5 mbps
2015	Collaborate with Google apps.
2015	All in one Laserjet printer purchase for administrative department
2015	Colour Printer installed in admin department
2015	water cooler with purifier installed in canteen for students
2015	Water cooler, Freez, microoven purchased for office use
2015	2TR Split A/C installed in conference room
2016	Firewall for internet security installed
2016	New hanging projector installed in Computer Lab
2016	Additional Electronics Kits & CRO added in Electronis Lab
2016	Additional Sports Equipments added in Sports Department
2016	Adittional Computers purchased for student and staff
2016	All in one Laserjet printer purchsde for administrative department
2016	82.5 KVA genset installation in process

LIST OF ABBREVIATIONS

1	AICTE- All India Council Technology Education
2	AIDS- Acquired Immune Deficiency Syndrome
3	AMC- Annual Maintenance Contract
4	AQAR- Annual Quality Assurance reports
5	ATM- Automatic Teller Machine.
6	AV room- Audiovisual room
7	B. Sc (C.S)- Bachelor of Science(Computer Science)
8	B.B.A- Bachelor of Business Administration
9	B.C.A- Bachelor of Computer Application
10	B.Com- Bachelor of Commerce
11	BBA CA- Bachelor of Business Administration in Computer Applications
12	BBA IB- Bachelor Of Business Administration in International Business
13	BBM IB- Bachelor Of Business Management in International Business
14	BCUD- Board of College & University Development
15	BMCC- Brihan Maharashtra College of Commerce
16	BOS-Board of Studies
17	BPO- Business Process Outsourcing
18	BRACT'S- Bansilal Ramnath Agarwal Charitable Trust's
19	C/D -Compact Disc
20	CA (CPT)-Chartered Accountant –Common Proficiency Test.
21	CAP-Central Assessment Program
22	CCA - Computer Concepts and Application
23	CCA-College of Computer Accountant
24	CCTV-Closed Circuit Television.
25	CEO- College Examination Officer
26	CET – Common Entrance Test.
27	CISCO -Computer Information System Company
28	C-MET-Centre for Materials for Electronics Technology
29	CNC -Computer Numerical Control
30	CRISIL- Credit Rating Information Services of India Limited
31	CS-Company Secretary
32	CS-Computer Science.
33	DA- Dearness Allowance
34	DAB -Department Advisory Board

35	DD-Demand Draft.
36	DDR/RAM- Double data rate/ Random Access Memory
37	DIAT - Defense Institute of Advanced Technology
38	DRDO- Defense Research and Development Organization
39	DST- Department of Science & Technology
40	DVD- Digital Versatile/Video Disk
41	DWL-
42	EDC - Entrepreneurship Development Cell
43	ELCB -Earth Leakage Circuit Breaker
44	EPABX System- Electronic Private Automatic Branch Exchange System
45	ERP- Enterprise Resource Planning
46	EVS- Environmental Studies
47	F.Y.- First Year
48	FDP- Faculty Development Program
49	FIR - First Information Report
50	GB- Governing Body
51	GB-Gigabyte
52	GME- Graduate Medical Education
53	Govt.- Government
54	GR- Government Rule
55	HDD- Hard Disk
56	HET's CCSIT- Hirwal Education Trust's College of Computer Science & Information Technology
57	HODs- Head of Department
58	HRD - Human Resource Development
59	HRM- Human Resource Management
60	HSC- Higher Secondary Certificate
61	HTML-Hyper Text Mark-up Language
62	IAB - Industry Advisory Board
63	ICC- Internal Complaints Committee
64	ICE- In-Circuit Emulator
65	ICT-Information and Communication Technology
66	ICWA- Institute of Cost & Works Account
67	IEEE - Institute of Electrical & Electronics Engineers
68	IISC- Indian Institute of Science
69	IITB -Indian Institute of Technology Bombay
70	IITM- Indian institute of Tropical Metrology

71	ILL- Inter Library Loan
72	INLIBNET -Information and Library Network
73	IOT- Internet Of Things
74	IPCC- Integrated Professional Competence Course
75	IPS- Indian Police Service
76	IQAC-Internal Quality Assurance Cell
77	IQAS- Internal Quality Assurance System
78	ISO/IEC - International Organization for Standardization/International Electro technical Commission
79	ISR- Institutional Social Responsibility
80	ISTE- Indian Society for Technical Education
81	IT- Information Technology
82	Jetking NSDC - Jetking National Skill Development Corporation
83	KBP- Karmveer Bhaurao Patil
84	KIST- Korea Institute of Science & Technology
85	KVA-kilo Volt Ampere
86	LAB-Laboratory
87	LAN- Local Area Network
88	LCD- liquid crystal display
89	LED-Light Emitting Diode
90	LIC- Local Inquiry Committee
91	LiCoO ₂ -Lithium Cobalt Oxide
92	LMC-Local Management Committee.
93	M.Sc.(CS)- Master of Science(Computer Science)
94	MBA - Master of Business Administration
95	MBPS - Megabits Per Second
96	MCA- Master of Computer Applications
97	MCB-Main Circuit Breaker
98	MCCIA - Mahratta Chamber Of Commerce Industries & Agriculture
99	MIT- Maeer Institute of Technology
100	MNC- Multi National Companies
101	MOU- Memorandum of Undertaking
102	MOU-Memorandum of understanding.
103	MPSC- Maharashtra Public Service Commission
104	MVC- Model View Controller
105	NABL- National Accreditation Board for Testing and Calibration Laboratories

106	NASICON- Na Super-Ionic Conductor
107	NCC- National cadet corps
108	NCL- National Chemical Laboratory
109	NET- National Eligibility Test
110	NGOs-Non Governmental Organization
111	NIEM-National Institute of Event Management
112	NIIT- National Institute of Information Technology
113	NPTEL -National Programme on Technology Enhanced Learning
114	NRI- Non-Resident Indian
115	NSDC- National Skill Development Corporation
116	NSDC- National Skill Development Corporation
117	NSS -National Social Service
118	NSS-National Service Scheme
119	OPAC- Online Public Access Catalogue
120	OS-operating system
121	PA System- Public Address System
122	PAC- Program Assessment Committee
123	PG- Post Graduate
124	PG-Post graduate
125	PG-Post graduate
126	PhD- Doctor of Philosophy
127	PMC - Pune Municipal Corporation
128	POE- Power over Ethernet
129	PPT-Power Point Presentation
130	PUC-Pollution under control.
131	QIP-Quality improvement program
132	RED- Random Early Detection/Reflection Electron Diffraction
133	S.Y.- Second Year
134	S/W -Software
135	SCIRP -Scientific Research Publishing
136	SEM- Semester
137	SET- State Eligibility Test
138	SLIM-Software in Library Management
139	SPPU- Savitribai Phule Pune University
140	SSDP- Soft Skill Development Program
141	SSL- Secure Sockets Layer

142	SSR- Self Study Report
143	SWO- Social Welfare Organization.
144	T&P- Training & Placement
145	T.Y.- Third Year
146	TA - Traveling Allowance
147	TFT- Thin Film Transistor
148	UG- Under Graduate
149	UGC- University Grant Commission
150	UPSC- Union Public Service Commission
151	UPS-Unbreakable Power Supply.
152	URL- Uniform Resource Locator
153	VCACS – Vishwakarma College of Arts, Commerce and Science
154	VCIC- Vishwakarma Creative I-College
155	VGBS- Vishwakarma Global Business School
156	VIIT- Vishwakarma Institute of Information Technology
157	VIM-Vishwakarma Institute of Management.
158	VIT- Vishwakarma Institute of Technology
159	VMI-Vishwakarma Maritime Institute
160	VPN-Virtual Private Network
161	WIFI-Wireless fidelity
162	WPA- Wi-Fi Protected Access
163	YASHDA- Yashwantrao Chavan Academy of Development Administration

1. Preface

INFORMATION OF THE BANSILAL RAMNATH AGARWAL CHARITABLE TRUST (BRACT)

Bansilal Ramnath Agarwal Charitable Trust (BRACT) was established on 16th June 1975 and registered as public Trust under Bombay Public Trust Act, 1950 vide No. E-531 (Pune) and started social and educational activities in Maharashtra.

BRACT's Social and Charity work:-

The Trust has built a beautiful Mahalaxmi Temple at Sarasbaug, Pune which conducts lot of social and religious activities. Awarding '*Adishakti Puraskar*' to eminent ladies devoted to social work. Arranging lectures and musical recitals of famous and eminent persons during 'Navratra Mahotsav'. Built Dharamshala in Pandharpur. This will serve warkaris for boarding and lodging. Serve food and tea to approximate 1.5 lakhs of Warkaris standing in the queue for Darshana for 18hrs in a day for 5 days. Distribute stationery material to participating school children during Navratri. Serve food to approximate 1500 warkari during their return from Palkhi in Valay Village. Fee waiver or concession in fees for needy students and many more.

Educational Institutions under BRACT:-

BRAC Trust has promoted schools and professional training institutes such as

- Vishwakarma Institute of Technology (VIT),
- Vishwakarma Institute of Information Technology (VIIT) ,
- Vishwakarma Institute of Management (VIM),
- Vishwakarma Schools (Pre Primary, Primary, Secondary Higher secondary) English and Marathi Medium,
- Vishwakarma Maritime Institute(VMI) and
- Vishwakarma College of Arts Commerce and Science (VCACS)

BRAC Trust started 'Vishwakarma Institute of Technology (VIT)', in the year 1984 to impart quality technical education. VIT is the first private autonomous institute in Maharashtra having nine branches of Under-Graduate engineering courses with a total intake of 740 students per year and Post-Graduate courses in four branches with total intake capacity of 170 students per year. The total number of students at VIT campus is about 2500. VIT has total 200+ number of teaching faculty and around 200 non-teaching technical / administrative staff. The total area of VIT campus is 17 acres with 1, 46,500 sq. ft. of built-up area for technical and administrative purpose. VIT has 55 well-equipped laboratories of different engineering and basic science subjects. Indian Society for Technical

Education (ISTE), New Delhi has awarded the 'Best Engineering College' for the year 1999 - 2000.

Having ensured a quality education and standard of VIT at a very commendable level, the trust has also opened another technical institute in the name of "Vishwakarma Institute of Information Technology (VIIT)" at Kondhwa (Bk.), Pune, which has six branches of Under-Graduate engineering courses with a total intake of 600 students per year and Post-Graduate courses in Five branches with total intake capacity of 90 students per year.

Vishwakarma Institute of Management (VIM) is the flagship B School. VIM was established in the year 2001 and has made rapid strides in the last decade. VIM is approved by AICTE New Delhi, recognized by Government of Maharashtra and permanently affiliated to the University of Pune. It offers the two – years full time MBA programme in affiliation to the University of Pune. It also offers Ph.D programme. VIM is ISO 9001 - 2008 Certified and the MBA Programme is rated as “MH-A” by CRISIL since AY 2011. ‘Vishwakarma Institute of Management (VIM)’, is offering four courses in Management and has trained over 600 managers in Business Management, Computer Management, Marketing Management, and Personnel Management and Ph.D. Research centre has been started in the academic year 2013-14.

BRACT has started “Vishwakarma College of Arts, Commerce and Science” (VCACS), in the academic year 2007-08, with B.Com. and B.Sc. courses of Pune University with 120 intake capacity for both courses. In the Academic Year 2008-09 VCACS received permission from Pune University for the courses BBA, BCA, BBM (IB) and B. Sc. (Computer Science) with intake capacity of 80 students each.

In addition to this VCACS has received permission to start foreign language certificate and diploma courses viz. German, Japanese, French and English with intake capacity of 60 students each. In the academic year 2011-12 VCACS received the permission from Pune University and Government of Maharashtra for M.Sc. (Computer Science) (Intake 30). Additional division permission received from Pune University and government of Maharashtra for B.Sc. (Computer Science) (intake 80) and M.Sc.(Computer Science) (intake 30) from the academic year 2012-13.

The Vishwakarma Maritime Institute (VMI) is promoted by Bansilal Ramnath Agarwal Charitable Trust (BRACT). Established in 2009, VMI provides certificate and graduate courses in Marine Engineering and Nautical Science disciplines. The “Marine Engineering Institute”, is offering the Marine

engineering courses like, Graduate Marine Engineering -GME (1 year) and Diploma in Nautical Science – DNS of Director of Shipping, Government of India with intake capacity of 30 students each.

All the above institutes are operating from ultra-modern educational complex with well-equipped laboratories, class rooms, internet laboratories, Libraries, playgrounds, auditoriums, hostels and ample space etc. All these institutes of BRACT have earned goodwill in technical / professional training fields and are highly sought after by the students.

Vishwakarma Group has been in the field of education for more than 28 years. It has over 425 scholarly faculties in the Engineering, IT, Management fields who have contributed immensely in educating thousands of students in the last 28 years.

2. PRINCIPAL VIEW

Our mission is to create multidisciplinary best students by providing excellent education in different traditional streams like Arts, Commerce and Science. In keeping with our traditions of always providing additional benefits we are offering value added courses like BBA, B.Sc.(Computer Science), B.C.A., B.B.M.(IB), M.Sc. (Computer Science), M.C.A.(Commerce) and language courses etc.

Our young, experienced and enthusiastic team of teachers is always keen to help and guide the students to achieve the highest standard of performance. They are well qualified both in academics and practical terms. This obviously ensures smooth and efficient learning environment.

We expect all our students to have a high quality experience and skill while studying with our Vishwakarma College of Arts, Commerce and Science (VCACS). For that, we are committed to provide our learning community the best that fulfils the aspirations and goals of their life.

The brilliant past students of Vishwakarma Institute working at higher positions in various fields like Science and Technology, Research, Business, Banking, Industries, Education, Engineering and Administrative services, etc. They often visit the college and encourage, help and guide the present students.

The college is to strive for excellence in education by developing and sharpening the intellectual potential of students for the benefit of society. In tune with our mission, we have common objective to develop multidimensional personality of our students.

The students of VCACS have been performing at all levels with outstanding success. The present students of VCACS have continued the promotion of excellence to this date in academics, sports and cultural events.

Placement is an important factor considered in Vishwakarma Institute. In our Institute 250 + multinational companies are visiting every year. These companies not only required Engineers, but also they are recruiting Commerce, Science and specially Computer Science graduates. The most important and notable factor is that our students are placed in various multinational companies like Infosys, IBM, Wipro etc.

I am sure that the students will get the sound knowledge from 'Vishwakarma Institute' and will get the successful and bright career in their life.

Dr. Arun R. Patil
Principal

3. EXECUTIVE SUMMARY

Bansilal Ramnath Agarwal Charitable Trust (BRACT) was established on 16th June 1975 and registered as public Trust under Bombay Public Trust Act, 1950 vide No. E-531 (Pune) and started social and educational activities in Maharashtra. BRAC Trust has promoted schools and professional training institutes such as Vishwakarma Institute of Technology (VIT), Vishwakarma Institute of Information Technology (VIIT), Vishwakarma Institute of Management (VIM), Vishwakarma Schools (Pre Primary, Primary, Secondary Higher secondary) English and Marathi medium, Vishwakarma Maritime Institute (VMI) and Vishwakarma College of Arts Commerce and Science (VCACS). The Trust has built a beautiful Mahalaxmi Temple at Sarasbaug, Pune which conducts lot of social and religious activities. Awarding '***Adishakti Puraskar***' to eminent ladies devoted to social work. Arranging lectures and musical recitals of famous and eminent persons during 'Navratra Mahotsav'.

All the above institutes are operating from ultra-modern educational complex with ample space, playground, well-equipped laboratories and class rooms, auditorium, internet laboratory, Library; hostel, etc. with these infrastructural facilities. All these institutes of BRACT have earned goodwill in technical / professional training fields and are highly sought after by the students.

Vishwakarma Group has been in the field of education for more than 28 years. It has over 425 scholarly faculties in the Engineering, IT, Management fields who have contributed immensely in educating thousands of students in the last 28 years.

Vision:

Our Institute aspires to have a better impact on students through quality education by imparting qualities of confidence and excellence.

उद्धरेदात्मनात्मानं (भगवद् गीता अध्याय ६ ओवी ५ वी)

To put it in simple words- one needs to introspect, understand inbuilt qualities, nurture or cultivate those qualities, acquire new knowledge; strive to add on in available knowledge and skills. Thus one can uplift self.

Mission:

"Our mission is to prepare competent enthusiastic, 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."

Objectives:

- To transform the students into well-meaning citizens.
- To nurture vibrant minds and encourage original thinking in the students and to empower them to face challenges.
- To provide academic excellence and to develop well rounded individuals through various learner centric activities.
- To inculcate in students proactive citizenship and sensitize them to respect one another.
- To provide safe environment for learning and sharing.

CRITERION-I: Curricular Aspects

Our Institute aspires to have a better impact on students' learning process to understand inbuilt qualities among them. Self upliftment is essential to acquire new knowledge and skills. Our college is committed to transform the students into well-meaning citizens. As the college is affiliated to the SPPU, it follows the curriculum designed by Boards of Studies in the University. At college level the advisory committee and student council are two main important academic bodies of the institution responsible for effective implementation of curriculum to achieve stated goals and objectives. Each department of the institution prepares session plan on the basis of academic calendar and teachers implement it through various innovative teaching methods such as presentations, assignments, class test, viva-voce, workshops, seminars, industrial visits, etc. Principal office is taking feedback from students, teacher alumni and stakeholders for effective implementation of curriculum. The Institution encourages the teachers to participate in various practices such as refresher course, Workshops and Seminars which are organized by the affiliating university. College promotes and supports to organize state and national level workshops and seminars. It consults with the industry experts and identifies the books and e-learning material which supplements the University curriculum, the same is made available to staff members. To cater this need the institution has introduced SPPU affiliated programs like B.Com, B.B.A., B.Sc.(Computer Science), B.B.A(CA)-Old name(BCA), B.B.A.(IB), post graduate programs like M.Sc. (Computer Science) and foreign language certificate courses. In addition to this VCACS have started Personality Development courses. The institute has realized that the ICT helps in smooth functioning of teaching, learning and administration so it is being applied in commerce and Computer Science departments. Special Guidance is also provided for the tough subjects like Mathematics, Accounts etc to the students. College maintains the professional relation with the representatives of industry by arranging various activities under Career guidance and Placement cell. Professors from the parent university are also invited to the college to give seminars and talks to the faculty members and students. The institute encourages the faculty to

participate actively in syllabus implementation workshops and seminars organized by SPPU from time to time. Yearly parent-teacher meeting is conducted to discuss the result, attendance, overall growth and performance of the student. Along with university courses college offers Robotics Building Programme, Human Rights Programme, Workshop on Web Development, Workshop on DOT NET MVC4 Technology and Programme on Cyber Security for developing skills among students. College is encouraging student's participation in NSS, debate, essay, quiz competitions, cultural activities and programmes such as 'Tree plantation', 'Bus day' 'Cycle day'. Anti-ragging cell, Women forum, Students welfare cell organizes Blood donation camp, AIDS awareness camp, Street act etc. For better advancement and personality development of the student college celebrates birth date of great leader, philosopher, freedom fighter, scientist and thinker.

CRITERION II: Teaching-Learning and Evaluation

Our college ensures wide publicity of the admission process by issuing prospectus, online enquiry from website, advertisement in regional and national newspaper and word of mouth. The prospectus is issued to all applicants and it contains detailed information on the programs offered, eligibility criteria, distribution of seats under the different categories, duration of the course, core/elective subjects, admission procedure, syllabi in brief, facilities and particulars about the rules and regulations to be followed by the students. The website has a global reach which provides information pertaining to the admission procedure, courses offered, the college's vision and mission and various curricular, co-curricular and extra-curricular activities conducted by the college. Admission committee is formed every year consisting of members from various departments. Principal and HOD appoint an admission in-charge who looks after the overall functioning of admission committee. College also reviews admission process soon after admissions are concluded mainly with a view to making the admission process more and more user-friendly and economically efficient. The college follows the norms that are applicable for affiliated institutions and also the reservation norms of the Government of Maharashtra. Admissions to students from the economically weaker sections of society are given by allowing them to pay their fees in installments. In some cases by seeking approval from the authority certain amount of fees is waived off by the management. The college gives free-ship, scholarship to eligible candidates as per rules. In this way, the college offers financial aid to a large number of students. College has adopted a policy of taking all necessary measures to cater to the needs of differently-able students. The library provides special services to such learners by giving them extra books and reference materials. During the admission process the course

coordinators and faculty members personally counsel the students. The counseling helps students to know about the subjects and counseling helps the faculty members to understand the student's inclination, needs, their strengths and weaknesses during the course of interaction. To bridge the knowledge gap of enrolled students the college conducts various curriculum related activities like Quiz, Seminar, Debate competitions, Special guidance, Lecture series under Students Welfare Department and also other activities like Soft Skill Development Program, Tally ERP courses etc. The students coming from other countries, states and from different regions of the state of Maharashtra are given admission to the course of their choice and provided equal opportunities in every college event. College has implemented 'KBP's Earn and Learn Scheme' of SPPU running under Student Welfare Department for financially weak students. The college has organized 'Special Guidance Scheme' for slow learners under Student Welfare Organization. The College has set up an Examination Committee which monitors the evaluation process throughout the year. Result analysis helps the HOD to find the passing percentage and improve upon the future result. Under collaborative learning the college organizes a bouquet of various activities under different committees like, Women's Forum, Elocution and Debate, NSS, Students Welfare, Vocational Guidance, Vishwakarnival – college Youth Festival, contribution to college magazine 'Vishwakarmiya' etc. College arranges expert lectures of various professionals from all streams for our students. College arranges seminars on career guidance for students and workshops on NET/SET for faculty. College encourages teachers to participate in orientation and refresher courses, workshops, seminars at state, national and international level. The college has subscribed e-resources through N-LIST Programme of UGC INFLIBNET. The college has constituted an Examination Committee which ensures the smooth functioning of overall evaluation process of all the courses. The college has appointed a senior faculty member as College Examination Officer (CEO) as per the University's directive. The assessment of all first year classes of B.Com, BBA, BCA, BBA (IB) and B.Sc. (CS) to be conducted at the college level is a major reform of the University. The Credit Based system for M.Sc. (CS) is introduced by the SPPU from the year 2013-14. IQAC has been formed in the year 2015 to ensure quality in teaching, learning, research, administration, student support etc. Management approves most of the decisions taken by IQAC. IQAC has external members from the field of academics and industry. Suggestions from GB are implemented by college like signing MOU's with foreign universities, starting value added courses like Tally, ERP, IoT, Android and Soft Skill Development Programme.

CRITERION III: Research, Consultancy and Extension

Considering the growing weight-age of research in education the Institute is taking the efforts to sensitize the faculty and the students about research skills. We support our students and staffs involved in research by providing library facilities, modern lab facilities, computer and internet facilities, adjustment of lectures timing and any other help required. The college has formed a Research Committee in the academic year 2012-13 to monitor and address the issues related to research. Two staff members have registered themselves for Ph. D and two teachers had completed their Ph. D since year of college establishment. Dr. Arun Patil, successfully completed a Research Project entitled 'Preparation and Characteration of Nanostructure Materials for Thin Film Lithium Battery' sanctioned by BCUD, SPPU in 2012-14. Management always motivate to the students and research scholars to attend and present papers in the National / International / University level Seminars and Conferences. National Level Conferences, State Level conferences, Workshops on preparation for NET/SET, Cyber Security, Hacking, Disaster Management, Android Software Training, Internship Training Programme and Robotics Program etc. have been organized every year with an object of inculcating research skills among students and staff. Currently college does not have approved Research Centre but students and teachers are taking help of our sister institutes like VIT,VIM,VIIT and also SPPU, NCL, Shivaji University, DRDO, Solapur University, MIT and Foreign institutes like KIST, Seoul, South Korea etc. To promote consultancy, the stated policy of the institution ensures that the benefits of the knowhow, skills /expertise and exceptional gifts of the faculty reach the maximum numbers, irrespective of creed, region or nationality to local schools, colleges, university, Govt. agencies, NGOs, neighboring villages, institutions for disadvantaged sectors of the society, national level institutes. For ensuring optimal use of equipments and research facilities of the college like Library, Computer Laboratories and Electronics Laboratory, the students are informed and motivated to make the most use of the facilities provided to them by teachers and college. In addition, college has taken the membership of INFLIBINET to subscribe various research journals, e-journal and e-books. The college also provides latest software and 24X7 internet (Wi-Fi) access to the students and staff. College is taking efforts to increase collaboration with other institutions. College always encourage students to enroll for a research degree Ph.D or M. Phil ,which will benefit for them in getting better employment, promotion, increment in salary etc. College is encouraging our staff members to work on minor and major research projects and submit it with Human Resource Development Ministry, Government of India. College arranges Tree plantation drives, Blood donation, free Health check up camp, Yoga Workshop, and Disaster Management workshops. Volunteers and NSS Programme Officer participate in the 'Sadbhavana Rally' organized by Gandhi Bhavan, Pune every year. Seminars

are conducted on issues like – green technology, drastic changes in Climate, Environmental education, Global warming, Importance of women education, Adult literacy, Awareness about health for children, men and women, social awareness in rural area. We make the students aware about the team work, their moral responsibility towards society.

CRITERION IV: Infrastructure and Learning Resources

In order to facilitate and make the teaching-learning process meaningful and effective, Infrastructure and Learning Resources play a pivotal role. The college realizes the importance of Physical Facilities, Library and other learning resources and the maintenance of all these in furthering the process of education.

The college has spacious and well ventilated classrooms, fitted with sufficient number of tube lights and fans. The college has administrative office, well equipped Laboratories, voluminous Library, few technology enabled Class Rooms, Ladies Common Room, AV Room, Examination Control Room, NSS room, Student's Welfare room, Auditorium, Placement Cell, Sports Room, Health Care Centre, Gymnasium with CCTV surveillance. In addition, many support services to students are provided through the Grievance Redressal Cell, SSDP Committee, Women's Forum etc.

Staff room with computer and 24X7 Wi-Fi network facilities for staff . Separate cabins for commerce and science HOD's. Ample Vehicle Parking for students, staff, and visitors is available. Specious canteen is available which provides hygienic and tasty food to students and staff. Water purifiers with cooler is also available in canteen. Pune Municipal Corporation transport facilities are made available by the institute for students and staff. College also provides transportation for industrial visits and study tours. Off campus Bookshop near the campus is available for the students to purchase the books and study material. Water purifiers with cooler are placed on each floor to provide clean and pure drinking water to students and staff.

The college library has collection of materials under different sections like reference section, CD section, Competitive Examination Section apart from general section of books, periodicals, journals, newspapers and e-resource material to assist the learners in their intellectual pursuit.

A separate reading room is also added to the library. The library has OPAC and other ICT tools deployed to improve access. The Library Advisory Committee headed by the Principal, looks after the activities and requirements of the library. The library services are automated by using the SLIM- 21 software. Daily news papers are clipped and displayed for students and the staff. Weekly Employment News paper is provided to the students as well as different competitive exam books are made available.

College also has Play ground for outdoor games like Foot Ball, Hand Ball, Basket Ball, Volley Ball, Long Jump, High Jump, Kabaddi, Kho-Kho, Cricket etc. College provides Indoor game facilities like Chess, Carrom, Table Tennis, Yoga etc.

The College provides AIRCEL 5 Mbps leased line internet connection with Wi-Fi in the campus, 193 computers with internet facility are made available for faculty and students. There are total 15 laptops, 41 printers and LAN facilities in all computer laboratories. There are 6 LCD projectors to facilitate presentations during annual paper presentation competitions, regular lectures and various other value addition programmes. Main Circuit Breaker (MCB) and Earth Leakage Circuit Breaker (ELCB) at prominent power supply units are available. The college has Generator backup of 82.5 KVA and 40KVA UPS so that there is no interruption of power failure. In case of power failure the 40 KVA UPS supports the backup and also controls the stability of voltage fluctuations.

CRITERION V: Student Support and Progression

The college offers excellent infrastructure and other support services for the welfare of the students. The institution publishes prospectus containing details of courses, number of seats for each course, facilities etc every year. There are 1174 students from various backgrounds. The students belonging to reserved category (i.e. SC, ST, OBC etc) receive scholarships from Social Welfare department, Government of Maharashtra and Government of India. Students from economically weaker section of society are given concession in the fees to be paid to college. Industrial visits are arranged for students of final year to make them aware about practical aspects of industry. VCACS motivates students to participate in various National & International, extra & co curricular activities, entrepreneurial skills are inculcated through EDC.

Placement cell organizes various workshops and guest lectures to facilitate student progression to higher level of education and employment. Placement cell of the college invites companies for campus interviews and selection of Jobs. It also displays the job opportunities / vacancies available in some reputed companies. As per the University guidelines, several activities are conducted under the various University Departments such as NSS, Social Welfare etc. Students belonging to cultural committee are encouraged to take part in cultural competitions organized by University and affiliated colleges. Students are also encouraged to take part in various local, state, national and international level competitions. As a result, college won many prizes in various intellectual, cultural and sports competitions. The college ensures safe environment in the campus by establishing Anti-ragging Committee, Grievance Redressal Cell, Internal complaint committee. A suggestion box is placed in the college for complaints. Also visitor's book is maintained to enhance quality of institution.

College also runs Student's Council as per the rules of University. Various events and days are organized by this committee.

College also publishes '*Vishwakarmiya*' annual magazine of the college that contains articles from staff, students and information about the college along with photographs of events. College provides opportunity to students to improve their skills and explore their ideas and views through wall magazines.

CRITERION VI: Governance, Leadership and Management

Principal is the academic and administrative head of the college who is responsible for the overall management of the college. The college has well defined Quality Policy based on two guiding principles, namely, Learner Centric Approach and 'Safe Environment'. The Principal ensures the involvement of all the stakeholders for the efficient and effective implementation of teaching-learning process. The college conducts parent-teacher meetings, meetings with students etc. College website endeavors to inform and involve stakeholders in the process. Various administrative committees are formed to carry out varied activities throughout the year. The participative decision making process initiated by the Principal involving the course coordinators and committee heads is the practice adopted by the college. Moreover, all the Course Coordinators and administrative committee heads are given sufficient autonomy in taking decisions about the conduct of any activity. The regular staff meetings are a step towards empowering the teachers. The college prepares and executes the plans as per the guidelines received from the University and the Government from time to time. The University appointed Local Inquiry Committee (LIC) visits the college as per the University directives to do the academic audit of the college. The suggestions made by the committee are implemented and necessary compliances are fulfilled. The Local Managing Committee (LMC) is constituted as per the Maharashtra University Act 1994. The committee decides and approves the strategies regarding academic excellence, budget, infrastructure, horizontal and vertical expansion of the college etc. The college also has external auditing mechanism. To bridge the gap between industry and academia and to provide research inputs to the faculty members and students, an Advisory Committee comprising renowned academicians and industrialists has been constituted under the Chairmanship of the Principal. The college has Grievance Redressal Cell which promptly attends the grievance and resolves it.

Yearly appraisal forms are filled by the staff members, the appraisal report is submitted to the principal through the respective head of departments. College provides full support to faculty members for their Ph.D. work. Staff members are encouraged to apply for minor and major research projects. College conducts

community program through NSS and women's forum. College offers KBP's earn and learn scheme of SPPU to needy students under SWO. College provides medical leave, maternity leave, earn leave as per university rules. College has an excursion committee which organizes industrial visit of students. Notices and important information of college is published through notice boards. Other sources used for the communication with stakeholders are SMS facility and website. Publicity committee of the college prepares news write ups on each activity that college conducts. Visitor's book is maintained for the feedback and suggestions. The institution has subscribed to membership of Maratha Chamber of Commerce and Industries. Student evaluates staff with the help of printed feedback forms. Institute has welfare schemes for teaching and non-teaching staff like employee provident fund, yearly check up, Vishwakarma Karmachari Path Sanstha Maryadit, financial medical assistance to meet emergency medical expenses of staff etc. The institute conducts faculty development programmes to enrich and update the knowledge of staff members. College has Alumni Association.

CRITERION VII: Innovations and Best Practices

To achieve the desired growth, an institute should adopt innovation in different practices and should continue with the practices that have positive impact. Every year theme based activities are conducted by different internal committees of the college. The institute has adopted several energy saving measures like switching off the lights, fans and electronic equipment when not in use, switching off the inverter of UPS system after office hours, use of electronic ballast for tube lights etc. The NSS unit and the **Go Green Committee** carry out several activities every year to make the students and the society environment conscious.

Rainwater harvesting is implemented with a strong desire to conserve water and e-waste are managed carefully.

Moreover, the college conducts activities applying innovative ideas like remedial practices to prevent farmer's suicide in Maharashtra, soil testing, health club that have created a positive impact on the functioning of the college.

In addition, skill enrichment programs, departmental annual paper presentation competitions, annual Blood Donation Drives are few of the best practices that are adopted and continued by the college. Following best practices adopted by the institute as nurturing mental health of students. Students have worked on farmer accounting to find out the solution for Farmer's suicide.

4. SWOC ANALYSIS OF THE COLLEGE

STRENGTHS

1. **Management Support** – The College is blessed with a progressive Management which provides complete infrastructural, financial and moral support to all the stakeholders. It also gives full freedom in conduction of academic and financial activities required for smooth functioning of college.
2. **Infrastructure** – The college has state of the art infrastructure which includes Administrative Section, sufficient Class Rooms, Laboratories, IQAC, Staff Room, Health Care Centre, Ladies Common Room, Library, Examination Section, NSS Room, Students' Welfare Room, Placement Cell, Audio Visual Room, Sports Room, Gymnasium, Swimming pool and Auditorium.
3. **Enthusiastic Team** – The college is fortunate to have young, dynamic and committed teaching and non-teaching staff members. The average age of the staff members is on an average 28 years.
4. **Congenial and Positive Work Culture** – We have created a strong team which works to its full potential due to high ethical standards and proactive attitude.
5. **Student Strength** – With goodwill of Vishwakarma Institute Pune, college is having good student strength for all courses.
6. **Participative Governance** - The leadership promotes the culture of participative management by involving the teaching and non-teaching staff members at all levels of the organization.
7. **Student-Centric Activities** – As per directions of Principal, numerous Curricular, Co-Curricular and Extra-Curricular activities are conducted for the overall development of the students through different committees.
8. **Student-Teacher Bonding** – Our faculty members share a warm, caring and healthy relationship with students.
9. **Placement assistance** – Vishwakarma Institute is avail with centralized placement cell and thus strong placement assistance is available to eligible students. 250+ companies are visiting to the campus.

- 10. Foreigner Students-** Our College is the first choice of foreigner to study in Pune. 100+ foreigner students have successfully completed their education from our college.

WEAKNESSES

1. The college has inadequate number of faculty members with M. Phil, Ph. D, NET / SET etc.
2. The college, at present, does not provide any industrial consultancy.
3. The college doesn't have authority to change the syllabus as per the industry demand.
4. Due to the surrounding society, many students are from low academic background.
5. Lack of Inter-disciplinary programmes.

OPPORTUNITIES

1. Teachers can take advantage of the facilities and expertise available in the nearby colleges.
2. College promotes and encourages staff to undertake major and minor projects from various funding agencies.
3. Signing more MoUs with industries for Internship, Training and Placement there by increasing the campus placement.
4. Signing MoUs with foreign universities for faculty exchange and to attract the foreign students for higher education and vice versa.
5. Provide research symposium to student and faculty.
6. Encouraging students for 'Make-India' program of Govt. of India.

CHALLENGES

1. To Increase placement rate to 100%.
2. To encourage students for research through M. Phil and Ph.D.
3. Encourage students and faculty for DST projects or live projects.
4. To collaborate with various industries for inter-disciplinary courses.
5. Improve communication skill of average students.

5. PROFILE OF THE COLLEGE

SECTION B:

1. Name and Address of the College:

Name : **Vishwakarma College of Arts, Commerce and Science**

Address : S.No. 3/6, Near Laxmi Nagar, Kondhwa Bk., Pune – 411 048.

City : Pune Pin : 411 048

State : Maharashtra

Website : www.vcacs.ac.in

2. For Communication:

Designation	Name	Telephone with STD code	Mobile	Email
Principal	Dr. Arun R. Patil	Office: 020-60204040 020-65004747	09011001178	principal@vcacs.ac.in
Steering Committee Co-ordinator	Prof. Anjum A. Patel	Office: 020-60204040 020-65004747	09545509844	aapatel@vcacs.ac.in vcacsacc2016@vcacs.ac.in

3. Status of the Institution:

- Affiliated college
- Constituent College
- Any other (specify)

√

4. Type of Institution:

- By Gender
 - For Men
 - For Women
 - Co-education
- By Shift
 - Regular
 - Day
 - Evening

√

√

5. It is a recognized minority institution?

Yes ☐ No ☒

If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence.

N/A

6. Sources of funding:

 Government
 Grant-in-Aid
 Self-Financing
 Any Other

√

7. a. Date of establishment of the college:
- 01/06/2007**
-
- b. University to which the college is affiliated /or which governs the college
-
- (If it is a constituent college)
- Savitribai Phule Pune University, Pune**

* Refer Annexure I

- c. Details of UGC recognition:

Under Section	Date, Month and Year (dd-mm-yyyy)	Remarks(If any)
i. 2 (f)	NIL	NIL
ii. 12 (B)	NIL	NIL

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act)

- d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.) Not Applicable

Under Section / clause	Recognition/Approval details Institution/ Department Programme	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
i.	-----	-----	---	-----

(Enclose the recognition/approval letter)

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes ☐ No ☒

If yes, has the College applied for availing the autonomous status?

Yes ☐ No ☐

9. Is the college recognized by UGC as a College with Potential for Excellence (CPE)?

Yes ☐ No ☒

If yes, date of recognition: (dd/mm/yyyy)

b. for its performance by any other governmental agency?

Yes ☐ No ☒

If yes, Name of the agency and

Date of recognition: (dd/mm/yyyy)

10. Location of the campus and area in sq.mts:

Location*	Urban
Campus area in Sq. mtrs.	12,869 Sq.mtrs.
Built up area in Sq. mtrs.	2706 Sq. mtrs.

(* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

- Auditorium/seminar complex with infrastructural facilities ☒
Auditorium/ Seminar hall with 200 capacities is available within the campus and another auditorium with 500 capacities is available off side campus of our own institute.
- Sports facilities ☐
- * play ground- ☒
Yes-3 playgrounds are available within campus.
- * swimming pool ☒
- * gymnasium ☒
- Hostel ☐
- * Boys' hostel ☒
- i. Number of hostels:- 01
- ii. Number of inmates- NIL
- iii. Facilities:- **Mess, Indoor Games, Television, Laundry** ☒
- * Girls' hostel ☒
- i. Number of hostels:- 01
- ii. Number of inmates- NIL
- iii. Facilities:- **Mess, Indoor Games, Television, Laundry**
- Working women's hostel- N/A ☐
- ii. Number of inmates-
- ii. Facilities (mention available facilities)

- Residential facilities for teaching and non-teaching staff (give numbers available — cadre wise) N/A.

- Cafeteria —

√

- Health centre –

√

- First aid, Inpatient, Outpatient, Emergency care facility, Ambulance..... Health centre staff –

-

Qualified doctor Full time

-

Part-time

√

Qualified Nurse Full time

-

Part-time

-

- Facilities like banking, post office, book shops

√

- Transport facilities to cater to the needs of students and staff

√

- Animal house :- N/A

-

- Biological waste disposal :- N/A

-

- Generator or other facility for management/regulation of electricity and voltage :-

√

- Solid waste management facility

- - Waste water management :- Available

√

- - Water harvesting :- Available

√

12. Details of programmes offered by the college (Give data for current academic year)

Sr. No.	Programme Level	Name of the Programme / Course	Duration	Entry Qualification	Medium of Instructions	Sanctioned approved Student strength	No. of students admitted
1.	Under Graduate	B.Com.	3 Yrs.	XII Commerce	English / Marathi	I- 120 II- 120 III- 120	131 79 68
		B.B.A	3 Yrs.	XII Arts, Commerce, Science	English	I- 80 II- 80 III- 80	80 51 29
		B.B.A (C.A)	3 Yrs.	XII Arts, Commerce, Science	English	I- 80 II- 80 III- 80	92 69 48

		B.B.A. (IB)	3 Yrs.	XII Arts, Commerce, Science	English	I- 80	42
		B.Sc. (Computer Science)	3 Yrs.	XII Science or MCVC	English	I- 160 II- 160 III- 160	177 125 98
		B.Sc.	3 Yrs.	XII Science or MCVC	English	120 Only continuation	
2.	Post- Graduate	M.Sc. (Comp. Sci.)	2 Yrs.	B.Sc. (Computer Science)	English	I- 60 II- 60	46 39
3.	Certificate courses	German Japanese French English	One Year	X/ XII Pass	English	60 60 60 60	0 0 0 0
4.	UG Diploma	German Japanese French	One Year	Certificate course passed in respective language	English	60 60 60	0 0 0

13. Does the college offer self-financed Programmes?

Yes ☐ No ☒

If yes, how many?

14. New programmes introduced in the college during the last five years if any?

Yes ☐ No ☒ Number

15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Faculty	UG	PG	Research
Science	B.Sc. (Computer Science)	M.Sc. (Computer Science)	NIL
Commerce	Bachelor in Commerce (B.Com.)	NIL	NIL
	Bachelor in Business Administration (BBA)	NIL	NIL
	Bachelor in Business Administration- International Business BBA(IB)	NIL	NIL
	Bachelor in Business Administration –Computer Application (BBA-CA)	NIL	NIL

16. Number of Programmes offered under (Programme means a degree course like BA, B. Sc, MA, M.Com...)

a.	Annual system	01
b.	Semester system	05
c.	trimester system	-

17. Number of Programmes with
- Choice Based Credit System
 - Inter/Multidisciplinary Approach
 - Any other (specify and provide details)

1
-
-

18. Does the college offer UG and/or PG programmes in Teacher Education?

Yes ☐ No ☒

If yes,

- Year of Introduction of the programme(s).....(dd/mm/yyyy)and number of batches that completed the programme
- NCTE recognition details (if applicable)
Notification No.....
Date:(dd/mm/yyyy)
Validity:.....
- Is the institution opting for assessment and accreditation of Teacher Education Programme separately?

Yes ☐ No ☒

19. Does the college offer UG or PG programme in Physical Education?

 Yes ☐ No ☒

If yes,

 a. Year of Introduction of the programme(s).... (dd/mm/yyyy) and number of batches that completed the programme

 b. NCTE recognition details (if applicable)
Notification No.:Date: (dd/mm/yyyy) Validity:.....

c. Is the institution opting for assessment and accreditation of Physical Education Programme separately?

 Yes ☐ No ☒

20. Number of teaching and non-teaching positions in the Institution

Positions	Teaching Faculty						Non-Teaching Staff		Teaching Staff	
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC / University / State Govt. Recruited	1	-	-	-	2	12	12	2	3	12
Yet to recruit	-	-	-	-	18	0	12	2	17	0
Sanctioned by the Management / society or other authorized bodies Recruited					03	02	12	2	2	0
Yet to recruit	-	-	-	-	-	-	-	-	-	-

*M-Male *F-Female

21. Qualifications of the teaching staff:

Highest qualification	Professor	Associate Professor				Assistant Professor		Total
	Male	Female	Male	Female	Male	Female		
Permanent teachers								
D.Sc./D.Lit.	-	-	-	-	-	-	-	
Ph.D.	01	-	-	-	01	01	03	
M. Phil.	-	-	-	-	01	-	01	
PG	-	-	-	-	-	07	07	
NET / SET				-	-	04	04	
Temporary Teachers--on honorarium basis								
Ph.D.	-	-	-	-	-	-	-	
M. Phil.	-	-	-	-	-	01	01	
PG	-	-	-	-	02	18	20	
NET/ SET	-	-	-	-	01	01	02	
Part-time Teachers								
Ph.D.	-	-	-	-	-	-	-	
M. Phil.	-	-	-	-	-	-	-	
PG	-	-	-	-	-	-	-	
NET/ SET	-	-	-	-	-	-	-	

22. Number of Visiting Faculty /Guest Faculty engaged with the College 5

23. Furnish the number of the students admitted to the college during the last four academic years.

Categories	Year 1		Year 2		Year 3		Year 4	
	2016-17		2015-16		2014-15		2013-14	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	43	36	49	31	57	30	47	21
ST	06	03	03	01	04	00	05	01
OBC	97	50	87	44	112	47	82	53
General	593	283	506	219	439	225	434	217
Others	39	24	29	20	41	14	36	16

24. Details on students enrollment in the college during the current academic year:

Enrollment Details For the Academic Year-2016-17					
Type of students	UG	PG	M.Phil.	Ph.D.	Total
Students from the same state where the college is located	1005	83	-	-	1088
Students from other states of India	58	01	-	-	59
NRI students	02	00	-	-	02
Foreign students	24	01	-	-	25
Total	1089	85	-	-	1174

25. Dropout rate in UG and PG (average of the last two batches)

UG PG

26. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

(a) Including the salary component Rs.

(b) Excluding the salary component Rs.

27. Does the college offer any programme/s in distance education mode (DEP)?

Yes No

If yes,

a) is it a registered centre for offering distance education programmes of another University

Yes No

b) Name of the University which has granted such registration

c) Number of programmes offered

d) Programmes carry the recognition of the Distance Education Council.

Yes No

28. Provide Teacher-student ratio for each of the programme /course offered

Sr. No.	Course	Teacher Student Ratio
1	B.Com.	1:35
2	BBA	1:40
3	BBA(IB)	1:21
3	BBA(CA)	1:18
4	B.Sc. (Comp. Sci.)	1:24
5	M.Sc. (Comp. Sci.)	1:14

29. Is the college applying for

Accreditation: **Cycle 1** ☒ Cycle 2 ☐ Cycle 3 ☐ Cycle 4 ☐

Re-Assessment:

(Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re- accreditation)

30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only) : - N/A

Cycle 1: ... (dd/mm/yyyy) Accreditation Outcome/Result.... Cycle 2: .. (dd/mm/yyyy) Accreditation Outcome/Result..... Cycle 3: (dd/mm/yyyy) Accreditation Outcome/Result.....

* Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.

31. Number of working days during the last academic year.

260

32. Number of teaching days during the last academic year
(Teaching days means days on which lectures were engaged excluding the examination days)

200

33. Date of establishment of Internal Quality Assurance Cell (IQAC) IQAC
10/09/2015

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.

AQAR (i)..... (dd/mm/yyyy) AQAR (ii) ... (dd/mm/yyyy) AQAR (iii)(dd/mm/yyyy) AQAR (iv)..... (dd/mm/yyyy)

35. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information)

5. Criteria-wise Analytical Reports

CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

Vision:

Our Institute aspires to have a better impact on students through quality education by imparting qualities of confidence and excellence.

उद्धरेदात्मनात्मानं (भगवद् गीता अध्याय ६ ओवी ५ वी)

To put it in simple words- one needs to introspect, understand inbuilt qualities, nurture or cultivate those qualities, acquire new knowledge; strive to add on in available knowledge and skills. Thus one can uplift self.

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."

Objectives:

- To transform the students into well-meaning citizens.
- To nurture vibrant minds and encourage original thinking in the students and to empower them to face challenges.
- To provide academic excellence and to develop well rounded individuals through various learner centric activities.
- To inculcate in students proactive citizenship and sensitize them to respect one another.
- To provide safe environment for learning and sharing.
- To enrich placement of students.

Communication to Stakeholders:

The advisory committee and staff council are two main important academic bodies of the institution. The frequent meetings are held which plan programmes and discuss key issues in tune with the vision and mission of the institution. Decision taken in the advisory committee and the staff council are communicated properly to the entire students through displaying notices on the notice board and making announcements in the class rooms.

The following criterion is followed to communicate the vision and mission:

- The college's mission and vision are displayed at the main entrance of the college. It is communicated to the students through college prospectus, college magazine, college web site and during the induction program.
- The Principal and the Members of the Management interacts on various aspects such as Curricular, Co-Curricular, Extra- Curricular Social and Development Activities
- VCACS regularly interacts with industry, research institutes, the civil society and various stakeholders in the process of curriculum revision as well as design and it results in employment opportunity for students.
- Parent Teacher Meet is conducted periodically.

1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

Plan for Curriculum Implementation:

- Principal receives inputs through Governing Body (GB), IQAC and LMC meetings.
- Based on these inputs Principal conducts meetings with HODs, Coordinators and Staff members to discuss strategies for effective implementation of the curriculum.
- Our approach is to spread the education to the underprivileged mass of students. The institution is contributing to create a knowledge-based society through the feasible education.
- Each department of the institution follows the academic calendar issued by SPPU.
- Head of the department (HOD) distributes the load by considering faculty's area of interest. In order to have smooth code of conduct of curriculum, HOD allocates the load according to faculty competency.
- Teachers follow the academic plan for effective implementation of curriculum; they implement the various innovative teaching methods such as presentations, assignments, class test, workshops, seminars, industrial visits, etc.
- Each department of institution prepares the session plan at the beginning of the academic year. Keeping in view the number of working days available, the syllabus is divided into units which are to be finished by a given deadline.
- The Principal of the Institute has been taking feedbacks from the students, faculty staff, Alumni and the stakeholders for effective implementation of the curriculum.
- Additionally, assignments, internal-tests and end-course surveys are

conducted to judge understanding of the students.

1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

University

1. The University provides detailed structure of the syllabus. The list of text books and reference books for all courses is provided by the university.
2. The University organizes various refresher courses, orientation programs to keep the knowledge and teaching aptitude of the teachers updated.
3. The University organizes workshops regarding the syllabus implementation and methodology of executing the syllabus.

College

1. The Institution encourages the teachers to participate in various practices such as Orientation Programme, Refresher Course, Workshops and Seminars which are organized by the affiliating university.
2. The college promotes and supports faculty to organize Local, State and National Level Conferences, Seminars, Workshops in various subjects.
3. Several Faculty Development Programmes are conducted by the college.
4. The college provides latest books and other teaching and reference material like journals, magazines and software's.
5. The college provides well equipped computer, electronics lab facility for conducting practical.
6. The college provides Library, Computer and Internet facility to the staff members.
7. It consults with the industry experts and identifies the books and e-learning material which supplements the University curriculum, the same is made available to staff members.
8. Senior Faculty members are instructed by the Principal to guide their juniors on the issues related to the academic difficulties.
9. Effectiveness of teaching is ensured through students' feedback. Corrective actions are taken by the head of the department in consultation with Principal, wherever necessary.

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency.

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. 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.

1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalization of the curriculum?

Industry:

The HR managers of various industries are invited in college to interact with the students. College maintains the professional relation with the representatives of industry by arranging various activities under Career guidance and Placement Cell. The industrial visits organize time to time to know the latest trends and development of the market. PG students complete their industrial training in various industries.

Updates:

The staff members are always in touch with the BOS members, Senior faculty members of the respective subject of SPPU which helps in effective operationalization of the curriculum.

University:

Professors from the parent university campus are also invited to the college to give seminars and talks to the faculty members and students to give latest information about the research projects, curriculum etc. Faculties are involved in the process of syllabus setting, paper setting, paper assessment, as experts and external examiner for practical and theory examination.

1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the University?(number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.

- The Faculty members are contributing to the syllabus framing of various courses discusses the modifications with their colleagues before preparation of the syllabus and plays their active roles in implementation of their experience.
- The institute encourages the faculty to participate actively in university workshops and seminars.
- While recommending or forwarding the suggestions to the Board of Studies, our staff members normally take into consideration the students' feedback as well as other faculty members of various departments.

The college has restrictions to modify the syllabus on its own. SPPU has a system for the syllabus design. The faculty members of the college regularly attend syllabus framing workshops and give their inputs and suggestions.

1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If 'yes', give details on the process ('Needs

Assessment', design, development and planning) and the courses for which the curriculum has been developed.

Yes, The college has developed curriculum for following courses.

Course Name	Consultancy
Certificate course in Tally ERP	CCA, Pimpri
Certificate course in skill development	EduBridge India
Personality development, Interview skills including Aptitude test, Skill Development Seminar/ Workshops,	Shantiniketan Academy, Pune
Aptitude Workshop	A-One Academy
Microsoft certification for cyber security and ethical hacking	ATS Infotech

1.1.8 How does institution analyses/ensure that the stated objectives of curriculum are achieved in the course of implementation?

- The college teaching faculty prepares annual session plans. Class tests, half yearly exams are conducted to monitor the outcomes of the syllabus. Practices College ensures that, during the course implementation, the stated objectives are achieved. Proper documentations are maintained to review the outcomes of the curriculum. As a support for this college plans for a remedial classes.
- The college has time to time discussion with the stakeholder.
- At specific time interval parent teacher meeting is conducted to discuss the result, attendance, overall growth and performance of the student.
- If the college realizes that the stated objectives are not being achieved, the college plans for a remedial action and strategies are reformulated to remove the differences.

1.2 Academic Flexibility:

1.2.1: Specifying the goals and objectives give details of the certificate/diploma/ skill development courses etc., offered by the institution.

The College focuses on all round development of students by taking into consideration the changing needs of stake holders and global competency. College imparts education at Graduate Level in Arts, Commerce and Science and Post Graduate Level in Science and Commerce with basic knowledge of computers.

Following are the Certificate, Diploma and Soft Skills development courses offered by the Institution.

Goals :- The college Organized three months Robotics Workshop for students to get aware about Robot Building.

Objectives :- To provide Practical Implementation of Object Sensor Detection Robot.

- **Human Rights Programme :**

Goals:- This one month workshop is conducted for students. This workshop helps students to get aware of Human Rights.

Objectives: – With the help of this workshop, students get aware about following Human Rights.

Introduction about Human Rights, Legal Instruments of Human Rights, Universal Declaration of Human Rights, Human rights of children, Human rights of Women etc.

- **Workshop On Web Development**

Goals :- This two day workshop is conducted by college students.

Objectives :- Students should know how to design and construct website. To create sample template, Introduction to HTML Structure, Introduction to Cascading Style Sheets, Design Forms.

- **Workshop On .NET MVC4 Technology :**

Goals:- College has conducted four days workshop on latest technology .Net(MVC4). (Recent Upgradation in technology .)

Objectives:- To make students aware about latest DOT NET technology i.e. MVC4. Students should able to create a sample application using MVC4.

- **Programme on Cyber Security :**

Goals:- Three months programme provide knowledge to students about Cryptography and security techniques.

Objectives: – Following topics are covered during programme to create awareness about Hacking, Encryption and Security measures related to cyber security.

- **Workshop on Basics of aptitude**

Goals: - Eight days workshop provides techniques to solve aptitude which directly applied on placement growth.

Objectives:- To enhance aptitude scalability in students with respect to placement.

1.2.2 Does the institution offer programmes that facilitate twinning / dual degree? If 'yes', give details.

Our college follows the syllabus design by SPPU, there is no provision to run the twinning/dual degree programmes.

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability. Issues may cover the following and beyond.

- Range of Core /Elective options offered by the University and those opted by the college
- Choice Based Credit System and range of subject options
- Courses offered in modular form
- Credit transfer and accumulation facility
- Lateral and vertical mobility within and across programmes and courses Enrichment courses

i. Range of Core /Elective options offered by the University and those opted by the college

As the college is affiliated to SPPU, it follows the syllabus designed by the University for both UG and PG courses and offers all the core subjects as per the syllabus.

The college offers following electives:

Bachelor of Commerce (B.Com.)

Course	Optional Group I	Optional Group II	Optional Group III	Optional Group IV
FYB.Com.	Banking and Finance OR Cooperative OR Office Management	Essentials of E-Commerce OR Marketing and Salesmanship	Hindi OR Marathi	CCA OR Mathematics and Statistics
SYB.Com.	Business Administration (Paper I) Cost And Works Accounting (Paper I)			
TYB.Com.	Business Administration (Paper II and III)			

	Cost And Works Accounting (Paper II and III)
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Bachelor of Business Administration BBA

TYBBA	Specialization I,II, III,IV Finance, Marketing, Human Resource Management, Service Sector Management and Agri-Business Management.
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Master of Science (Computer Science) – M.Sc. (CS)

FY M.Sc.(CS)	Artificial Intelligence, Programming With DOT NET Project	
SY M.Sc.(CS)	SEM III Project Web Services Database and System Administrator	SEM IV Software Quality Assurance, Parallel Computing

ii) Choice Based Credit System and range of subject options:

Choice Based Credit System is not yet introduced for Under Graduate Courses by SPPU. However, with effect from academic year 2013-14, choice based credit system has been introduced for post graduate programme M.Sc. (Computer Science) .

iii) Courses offered in modular form :

Courses offered in modular form are not applicable to SPPU.

iv) Credit transfer and accumulation facility :

Credit transfer and accumulation facility is available for the students of Post Graduate courses offered by SPPU.

v) Lateral and vertical mobility within and across programmes and courses :

At the entry level the college follows the rules and regulations of the SPPU. In terms of flexibility to move from one discipline to another, there is no provision for students at the undergraduate level.

vi) Enrichment courses :

College conducts Robotics, HRM and cyber security Courses for M.Sc. (CS) students Human Rights course for BBA and B. Com.

1.2.4 Does the institution offer self-financed programmes? If 'yes', list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc

Since our college is affiliated to SPPU on Permanent Non-Grant basis, all the programmes conducted by the college are on Self financed .

List of Self Financed Programmes

Under Graduate level

- Bachelor of Commerce (B.Com.)
- Bachelor of Business Administration –(Computer Application)(BBA-CA) formerly known as (BCA)
- Bachelor of Business Administration (BBA)
- Bachelor of Science (Computer Science) (B.Sc. (CS))
- Bachelor of Business Administration (BBA- IB)

Post Graduate level :

Master of Science (Computer Science) (M.Sc.(CS))

i) Admissions:

Admissions are given as per the rules and regulations of Govt. of Maharashtra and SPPU. The courses are introduced to the students through prospectus, college website and advertisement in newspapers.

ii) Curriculum:

College implements the curriculum designed by the SPPU.

iii) Fee Structure:

The fee structure for the UG and PG programmes are as per guidelines of the SPPU.

iv) Teachers Qualifications and Salary:

Teachers Qualification and salary are for approved teachers and for others as per the rules and regulations of the parent body, BRAC'T'S Pune.

1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If 'yes' provide details of such programme and the beneficiaries.

Refer 1.2.2

1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice" If 'yes', how does the institution take advantage of such provision for the benefit of students?

The SPPU does not have the provision for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice.

1.3 Curriculum Enrichment

1.3.1 Describe the efforts made by the institution to supplement the University's Curriculum to ensure that the academic programmes and Institution's goals and objectives are integrated?

- The college does not have freedom to formulate its own curriculum it affiliate to SPPU, still the courses run at UG and PG have their relevance to the institution's goals and objectives.
- The college aim to impart knowledge for all-rounder development for student and make them capable of being better employed in high competitive market.
- At UG level, students are encouraged for study of ecology, environment protection, preservation, value orientation, global and national demands have made their entry significantly in the course of studies in addition to Environmental Awareness.
- The college supplements the university's curriculum by imparting special courses like foreign languages.
- The college also organizes Seminars, Conferences and Workshops, Interaction for students with the experts, Disaster management programme.
- Organizing activities like elocution, debate, essay, quiz competitions, cultural activities and other such activities which enhance subject knowledge and skills.
- Faculty members also deliver contents beyond syllabus in theory as well as practical sessions.
- Encouraging student's participation in NSS.
- The college academic calendar is prepared every session with the active involvement of Faculty and the Heads of various departments.

1.3.2 What are the efforts made by the institution to modify, enrich and organize the curriculum to explicitly reflect the experiences of the students and cater to needs of the dynamic employment market?

- The college has training and placement cell which regularly interact with industry expert about the demand and expectation of dynamic market and these demand of companies are then communicated to the feedback committee which in turn formulates add on courses and extra classes which are then conducted to make up the deficiencies in the students to make them employable.
- Industrial visits are organized to give practical exposure to the students.

- The college strictly follows to the syllabus designed by SPPU but while delivering this syllabus content to the students, our faculty enrich it with their own expertise and experience to help student to get good job in competitive market.
- Session plans are prepared for all subjects in the beginning of the academic year to organize the curriculum, which helps to plan additional activities for students.
- Students are encouraged to participate in Innovative Projects under the guidance of faculty members, to have hands-on experiences of reaching the frontiers of knowledge.
- Seminars, Paper Presentation, Conferences and Workshops are conducted by a host of subject-societies and general ones to enhance classroom learning and to enlarge the range of their awareness, concerns and expertise.
- The institution has 'Grievance Cell' to make them aware of the social, moral implications and encourage value of education.
- The institution being affiliated to the SPPU the institution cannot modify the curriculum. However, by organizing various student centered activities various skills are inculcated among the students. This helps the students to meet the needs of the dynamic employment market.

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

- a) Gender Sensitization** – Domestic National and International Perspectives; Women, Men and Global Leadership; Role and scope of women in current scenario is motivated.
- b) Climate change** – Global warming, loss of sea ice, accelerated sea level rise, intense heat waves, air and water pollution, ecology and environment. To reduce this we are taking some practical actions such as 'Rain water harvesting', LED bulbs, 'Tree plantation', 'Bus day', 'Cycle day' etc.
- c) Environmental Education** – Environmental Studies subject is taught in the university syllabus. Guest lectures on environment awareness are imparted. Students are given inputs regarding concept and taken to field visit as part of their assignments and project work. The College celebrates different important days.
- d) Human Rights** – The college has constituted Women's Forum that organizes various programmes to make students and staff members to aware about women related issues and rights. To promote National

Integration and communal harmony among the people of all religions, languages, we have celebrated '**Sadbhavana Day**' and '**Indian Constitution Day**'. Anti-ragging cell is active in the college campus. Indian Constitution is an integral part of the University curriculum. Certain programmes / lectures on human rights and events are also conducted.

- e) **ICT** – We use state of art training facilities. Introduction to computer fundamentals enables the students to learn the latest technology which can help them to make a better future. Also to explain some topics short films are shown thus making use of ICT.

1.3.4 What are the various value-added courses/enrichment programs offered to ensure holistic development of students?

- **Moral and ethical values**
- **Employable and life skills**
- **Better career options**
- **Community orientation**

● **Moral and Ethical values:**

For holistic development of student college organizes NSS winter camp and Yoga. The NSS team regularly visits surrounding areas and villages where people are provided awareness on various social, moral, ethical principles and ways of life. The Students are also motivated by way of special lectures so as to instill moral and ethical values in them. To inculcate moral and ethical values among the students various sessions are conducted by the Women's Forum of our college. A one day workshop was organized on Emotional, Intellectual and Spiritual Transformation.

● **Employable and Life Skills:**

The college understands that to survive in today's dynamic market the communication skills are vital for the students. Therefore the institution arranges Verbal and Written Communication Skills workshops. Group discussions, are held regularly both in Regional and English language in the institution. It is a regular practice of the institution to invite expert resource persons to conduct workshops on the development of communication, competence among the students. Students are also allotted the different responsibilities in organizing various events and activities such as cultural programmes, competitions, seminars, workshops etc. In this way they improve their team building and organizational skills. With it college shares incorporation of famous personalities from each field ranging from Industrialists to Film makers and Spiritual Gurus to upright bureaucrats. They come here from time to time and share their knowledge,

life lessons and in a nutshell how they become successful. Their visits to students provide insight on the level of Students from the angle of humanism and compassion.

- **Better Career Options:**

The college has placement cell which provide better carrier option and placement for deserving candidates. The Placement Cell of the college conducts campus drives of various companies and arrange sessions on topics like, how to Face Interview', mock Group Discussions, Resume Writing etc. Apart from that institute improve the overall personality of the student through different workshops and competitions. So in short placement department is not only providing Employment but also shaping student to have a human face with all values inculcated in him/her.

- **Community Orientation:**

The college students regularly visit surrounding areas where people are provided awareness on various social, moral, ethical principles and ways of life. Students are also taking part in community orientation through Blood donation camp, AIDS awareness camp, street act and adult education. For better advancement and personality development of the student college celebrates birth date of each great leader, philosopher, freedom fighter, scientist and thinker. Apart from that college actively celebrates **26th January and 15th August**. On this occasions college arrange social activities like visit to various NGOs, Orphanage and '**Aadarsh Gram**'. College supports and implements Government organized activities like '**Indian Constitution Day**', '**Oath of Corruption free India**' and '**Earth Day**'.

1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

The students express their opinion on curriculum through response sheets/feedback. Our faculty takes regular feedback from stakeholders on academic, curriculum, placement, trends and teaching methodology. The IQAC analyses feedback and prepares response chart for future use. The Principal's office will then process and submit the analysis report and present it to the college managing committee. The teachers collect the exit level feedback from the students regarding learning processes after the end of the academic session every year. The inputs are obtained from the stake holders regularly and further used to improvise the overall competency of the students for employability.

1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?

- Feedback system is as follows :
Teaching and non teaching staff —→ Principal
Students —→ Teaching and non teaching staff
Parents —→ Institute
- 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.

1.4 Feedback System :

1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?

- The institution is an affiliated to the SPPU. The college adopts the curriculum designed by the SPPU and institution doesn't have freedom to design its own curriculum.
- Many teachers of the college are associated with the members of Board of studies in SPPU for giving the suggestions in the design of development of the curriculum.

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?

Refer 1.3.6

1.4.3 How many new programmes/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programmes?)Any other relevant information regarding curricular aspects which the college would like to include.

- The college has introduced new course in the last four years.
- Master of Computer Science M.Sc. (Computer Science) was introduced from the academic year 2011-12. Faculty members are regularly attended workshops and seminars on revision of curriculum.

CRITERION II: TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 How does the college ensure publicity and transparency in the admission process?

The college ensures wide publicity of the admission process by following ways:

- **Prospectus:** The prospectus is issued to all applicants and it contains detailed information on the programs offered, eligibility criteria, distribution of seats under the different categories, duration of the course, core or elective subjects, admission procedure, syllabi in brief, facilities and particulars about the rules and regulations to be followed by the students.
- **Online Enquiry Form through organization website:** The website www.vcacs.ac.in has a global reach which provides information pertaining to the admission procedure, courses offered, vision, mission and various curricular, co-curricular and extra-curricular activities conducted by the college.
- **Advertisement in Regional/ National Newspapers:** As regards the wide publicity to the admission process is concerned, no doubt our college prospectus and website helps us to talk at length with all particular characteristics of our institution but along with that we also give advertisements in the regional and local newspapers. Besides this, college also ensures publicity in admission process through leaflets, hoardings and banners.
- **Alumni Networks:** The alumni of the college play a vital role in promoting the college through corporate references and social networks.
- **Word of mouth:** The institution has created an impact on the society within a short period of its existence relying on word of mouth. The management, faculty members, parents, alumni, students, corporate professionals and well-wishers serve as ambassadors of the institution effectively facilitating its publicity.
- **Acknowledgement and Notification:** Timely acknowledgement and notification of admission status are conveyed through sms portal www.sms123.in, phone, email and website.
- **Transparency in the admission process:**
VCACS follows all the rules and regulations regarding the admission procedure given by SPPU and maintains transparency. For PG admissions,

merit list is prepared and then it is displayed on notice board which is followed by the actual admission process.

- Admission committee is formed every year consisting of members from various departments. Principal and HOD appoint an Admission In-charge who looks after the overall functioning of admission committee. The members of the committee provide the information about the admission process, facilities available, course structure, and placement opportunities.
- The admission criterion is followed on first come first serve basis for UG courses. The college does not take any **donation or capitation** fees for any undergraduate and postgraduate courses.

2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

Admission at the entry point is as per norms prescribed by the university and the Government. The Principal conducts meeting of HOD's, Coordinators and senior staff members to plan and formulate the policies of the admission process. Instructions are given to all the coordinators and all staff members to coordinate the admission process.

The Institution running courses are as follows:-

- i) B.Com. (Bachelor of Commerce)
- ii) B.B.A. (Bachelor of Business Administration)
- iii) B.C.A.(Bachelor of Computer Applications) – B.B.A. (Computer Applications)- Nomenclature change from the A.Y. 2015- 16.
- iv) B.Sc.(CS) - Bachelor of Science (Computer Science)
- v) M.Sc. (CS) - Master of Science (Computer Science)
- vi) BBA (IB) – Bachelor in Business Administration
(International Business) A.Y. 2016-17

Following courses are affiliated to university but not running:-

- i) B.Sc. -Bachelor of Science

Process of admission:

For Undergraduate Courses:

- The admissions are given as per the eligibility criteria specified by the SPPU for all undergraduate courses.
- The admissions are given on first come first served basis for all the UG students since the date of commencement of admission procedure. This is

done to increase the number of students in all disciplines. The purpose of the above policy is to give an opportunity to average students to continue their education and to do better in their academics at senior college level in spite of their low performance at HSC examination. The admission is based on the choice of the students. The Admission committee provides counselling to the students and parents, regarding the choice of optional subject. The admission process continues till the date prescribed by the university.

For Postgraduate Course:

The college conducts a CET for the purpose of admission of students. As per the SPPU rules, marks scored at the graduation level are also considered. 50% weightage is given to the entrance examination marks and 50% weightage to the marks scored in graduation.

Certification Courses:

Foreign language certificate (German, Japanese, French and English) and diploma (German, Japanese and French) courses are affiliated to SPPU run by our college. Admissions to these courses are given on first come first serve basis.

2.1.3 Give the minimum and maximum percentage of marks for at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.

The minimum percentage of marks for admission at entry level for each of the programme offered by the college is set by the SPPU and is applicable to all the affiliated colleges of the university. The maximum percentage differs from college to college. The maximum cut off percentage for the admissions to various courses run by the college is showing a gradual increase and although the college is in remote area, most of the UG and PG courses seats are completely filled from last couple of years, whereas the nearby colleges in city hardly get the 50% of their admission capacity. This indicates that the college is liked and preferred by the students and the parents alike.

2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes' what is the outcome of such an effort and how has it contributed to the improvement of the process?

Yes, the college authorities review the admission process from time to time. The Principal and the HOD along with Admission In-charge review the number of admissions and also plan the line of action for improving the number of admissions to every course before the next academic year. The admission process has contributed in understanding the student's interest and inclination towards a particular subject as the course coordinators and teachers counsel the students before taking admission. The counselling also helps the students to select right options according to their area of interest. College also reviews admission process soon after admissions are concluded mainly with a view to making the admission process more and more user-friendly and economically efficient. Every year, meeting of the Admission Committee is held wherein the entire admission process is reviewed and innovative ideas are welcomed and incorporated to refine the admission process in order to make the mechanism student-friendly. Over the years, such an analysis has contributed in a big way in the form of complete online admission process for various academic programmes.

2.1.5 Reflecting on the strategies adopted to increase / improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate / reflect the National commitment to diversity and inclusion.

- SC/ST
- OBC
- Women
- Differently abled
- Economically weaker sections
- Minority community
- Any other

The college follows the norms that are applicable for affiliated institutions and also the reservation norms of the Government of Maharashtra. Admissions to students from the economically weaker sections of society are given by allowing them to pay their fees in instalments. In exceptional cases by seeking approval from the authority certain amount of fees is waived off.

The college provides free-ship, scholarship to eligible candidates as per rules of SPPU and Government of Maharashtra and Government of India. The college assists the poor, needy, scholar and deserving students who need financial support. Students from truly deprived backgrounds are not only admitted but also facilitated through very generous scholarships instituted by seeking approval from the management. In this way, the college offers financial aid to a large number of students.

S.N.	Category	2013-14	2014-15	2015-16	2016-17
1	SC	68	87	80	79
2	ST	06	04	04	09
3	OBC	135	159	131	147
4	General	651	664	725	876
5	Other	52	55	49	63
	Total	912	969	989	1174

2.1.6 Provide the following details for various programmes offered by the institution during the last four years and comment on the trends. i.e. reasons for increase / decrease and actions initiated for improvement.

Academic Year 2013-14:

Programmes		Number of Applications	Number of students admitted	Demand Ratio
BCOM	FY	157	120	1.30:1
	SY	75	70	1.07:1
	TY	70	68	1.02:1
BCA	FY	89	64	1.39:1
	SY	47	46	1.02:1
	TY	52	51	1.01:1
BSC(CS)	FY	166	95	1.74:1
	SY	51	49	1.04:1
	TY	88	87	1.01:1
BBA	FY	58	39	1.48:1
	SY	27	26	1:1
	TY	22	22	1:1
MSC(CS)	FY	81	55	1.47:1
	SY	58	58	1:1

Academic Year 2014-15:

Programmes		Number of Applications	Number of students admitted	Demand Ratio
BCOM	FY	181	130	1.38:1
	SY	89	81	1.07:1
	TY	60	60	1:1
BCA	FY	100	78	1.29:1

	SY	55	55	1:1
	TY	41	41	1:1
BSC(CS)	FY	201	133	1.52:1
	SY	93	90	1.03:1
	TY	50	50	1:1
BBA	FY	62	43	1.37:1
	SY	35	35	1:1
	TY	24	24	1:1
MSC (CS)	FY	69	60	1.16:1
	SY	52	40	1.01:1

Academic Year: 2015-16:

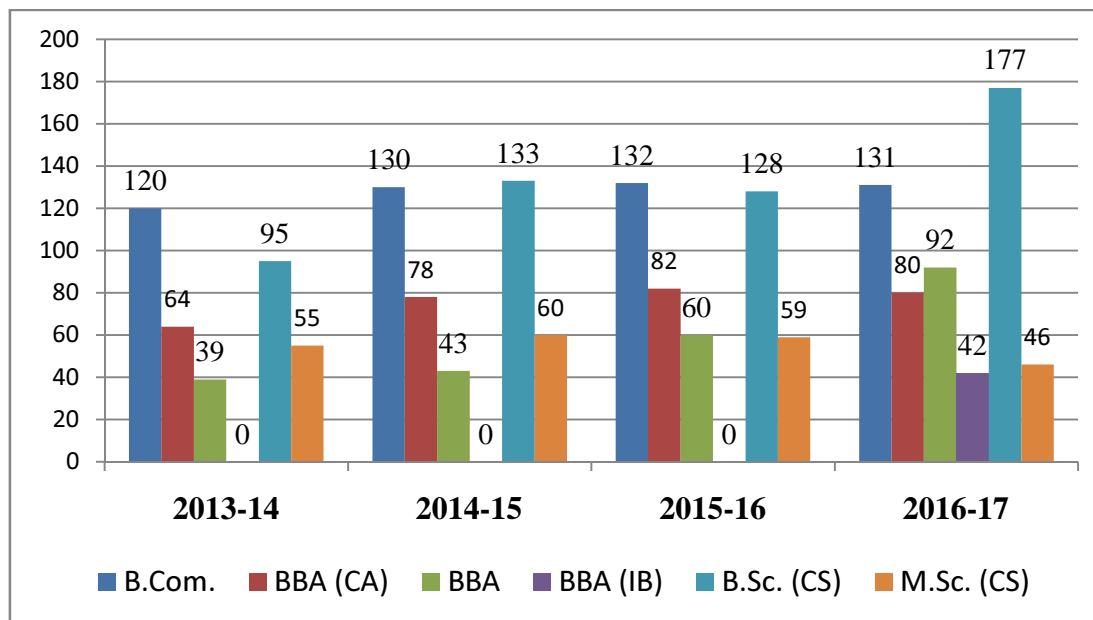
Programmes		Number of Applications	Number of students admitted	Demand Ratio
BCOM	FY	164	132	1.24:1
	SY	87	87	1:1
	TY	67	66	1.01:1
BCA	FY	106	82	1.29:1
	SY	62	62	1:1
	TY	44	42	1.04:1
B.Sc. (CS)	FY	187	128	1.46:1
	SY	107	107	1:1
	TY	66	64	1.03:1
BBA	FY	94	60	1.5:1
	SY	36	36	1:1
	TY	33	33	1:1
M.Sc. (CS)	FY	41	38	1.07:1
	SY	53	52	1:1
Certificate Courses				
German		60	47	1.22:1
Japanese		-	-	-
French		-	-	-
English		-	-	-

Academic Year: 2016-17:

Programmes		Number of Applications	Number of students admitted	Demand Ratio
BCOM	FY	151	131	1.15:1
	SY	92	79	1.15:1
	TY	72	68	1.05:1
BCA	FY	121	92	1.31:1
	SY	71	69	1.02:1
	TY	50	48	1.04:1
B.Sc. (CS)	FY	254	177	1.43:1
	SY	129	125	1.03:1
	TY	99	98	1.01:1
BBA	FY	108	80	1.33:1
	SY	51	51	1:1
	TY	29	29	1:1
BBA(IB)	FY	45	42	1.07:1
M.Sc. (CS)	FY	50	46	1.08:1
	SY	38	38	1:1
Certificate Courses				
German		-	-	-
Japanese		-	-	-
French		-	-	-
English		-	-	-

Last Four Year FY Academic Record:

Year	Courses					
	B.Com.	BBA (CA)	B.B.A.	B.B.A.(IB)	B.Sc (CS)	M.Sc(CS)
2013-2014	120	64	39	-	95	55
2014-2015	130	78	43	-	133	60
2015-2016	132	82	60	-	128	38
2016-2017	131	92	80	42	177	46

Graph showing Last Four A.Y. Record:

2.2 Catering to Student Diversity:

2.2.1 How does the institution cater to the needs of differently-able students and ensure adherence to government policies in this regard?

- Student welfare cell look after differently-able student's special needs. The cell is active throughout the year and organizes several activities.
- Providing special devices for the special academic needs of such students to facilitate independent learning.
- Making the campus accessible for students on wheel chairs by construction of ramps, staircases with hand railings and provision of special seating arrangements at the time of examination and practicals if required.
- The college has adopted a policy of taking all necessary measures to cater to the needs of differently-abled students. The library provides special services to such learners by giving them extra books and reference materials.
- Arranging revision lectures before semester examination, supplying handouts/problem solving books, organizing guest lectures and conducting monthly test series.
- Providing financial help to such students in the form of fees waivers and

scholarships on request.

The awareness is shown by college in making the differently-abled students a part of the college mainstream and giving them a sense of independence and their achievement is remarkable.

2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.

The students' needs in terms of knowledge and skills are assessed in the following ways:

- During the admission process the course coordinators and faculty members personally counsel the students. The counselling helps students to know about the subjects and the future prospects in the course. The counselling helps the faculty members to understand the student's inclination, needs, their strengths and weaknesses during the course of interaction.
- Orientation programme for the newly admitted students is conducted by the college which orients the students about the course requirements and evaluation process.
- All relevant data pertaining to the students are obtained through the application form itself. The applicants also provide personal information in the process of applying.
- Assessing the students needs through personal discussion and questionnaire in terms of knowledge and skills before the commencement of the programme.

2.2.3 What are the strategies drawn and deployed by the institution to bridge the knowledge gap of the enrolled students to enable them to cope with the programme of their choice? (Bridge / Remedial / Add-on / Enrichment Courses, etc.)

Following are the strategies used to enable students to deal with their respective courses:

To bridge the knowledge gap of enrolled students the college conducts various curriculum related activities like Quiz, Seminar, Debate competitions, Special guidance, Lecture series and also other activities like Soft Skill Development Programme, Project and Poster making competition and encourage students for Intercollegiate Paper Presentation Competition.

Following are some of the practices of Bridge / Remedial / Add-On courses:

- The college also conducts Enrichment Courses like Foreign Language Course affiliated to SPPU. Remedial Classes to slow learners for difficult subjects and personality development programme for fast learner students.
- Guest lectures and Industrial visits are organized.
- The departmental student-teacher committee provides another mechanism to the students to sort problems faced by them in their course of study, where students get proper guidance regarding opportunities that exist in their disciplines.
- The college also provides the research opportunities to undergraduate students which strengthen the basic knowledge of the student and prepare them not only to face the present course work but also guide them to choose future career options.
- Students are also encouraged to interact regularly with respective subject teachers outside the classroom either individually or in groups to address their course related or other general problems.
- The college started Tally ERP course in the year 2013-14 in a joint venture with College of Computer Accountant. The course was initiated to make the commerce students aware about the importance of practice and purpose of Tally ERP.
- College conducts Robotics workshop for every year for PG students.
- We are consistently organizing the different courses like Origami, Mehendi, Paper quilling, "Best From Waste" for interested students.
- College also conducts Skill Development courses like Aptitude Cracker, Website Development, Software Testing, Cyber security and Ethical Hacking, IOT, Microsoft, Big Data etc.

2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

Our College creates perception among its staff and students on issues such as gender, inclusion, environment and alike by holding workshops on the relevant topics.

Some of the actions taken by the college in this direction are as follows:

Gender:

The College has initiated the Internal Complaints Committee (ICC) in compliance with the Prevention of Sexual Harassment Act of 2013 to spread awareness, which includes Principal's address along with the committee members, once in a semester.

In addition to all these, the college has established Women's forum, Anti-ragging cell and has also conducted 'Nirbhay Kanya Abhiyan Yojana'. Besides this, college has also organized following programmes under the Student Welfare Committee and Women's Forum:

Year	Activity for Girls
2012-13	Personality Development and Counseling
2013-14	Karate Activity
2014-15	Yoga Work Shop
2015-16	Yoga Workshop & Personality Development and Counselling
2016-17	International Yoga Day Activity, Career Counselling, Voting Awareness Activity

Inclusion:

- College has implemented '**KBP's Earn and Learn scheme**' running under Student Welfare Department for financially weak students.
- Scholarship and Free-ship facilities of Government of Maharashtra are provided to students from reserved category to achieve educational inclusion.
- The students from the open as well as the reserved category are given equal opportunities. The students having less marks and having passed the qualifying examination in more than one attempt are also considered with a view to promote educational inclusion.
- The students coming from other states, countries and from different regions of the state of Maharashtra are given admission to the course of their choice and provided equal opportunities in every college event.

Environment:

- College organizes various programs to raise environmental awareness in students as listed below:
 1. As per the University guidelines, for the students of SY B.Com and SY B.Sc. classes a course on Environmental Awareness is conducted by the college. Beside this, students prepare various projects / charts on current environmental issues with their own innovative ideas.
 2. Students are motivated to take part actively in plantation event conducted in college campus where more than 600 plants have been planted in campus itself.
 3. The students are encouraged to work at chosen village site for the projects like Tree Conservation and Plantation, Cleaning of the school premises, developing garden, making a proper drainage system, teaching and interacting with school children and illiterate people in village,

'Prabhat Pheri' is conducted, highlighting various social and environmental aspects etc.

4. By organizing competitions to celebrate International Literacy Week, a poster making competition and 'Rangoli Competitions' were organized in the college focusing on environmental literacy on themes like Save Earth, Save Girl Child, and Child Labour etc.
5. A marathon, bicycle rally were arranged on special occasions by the college.
6. The college students have been volunteering as 'Police Mitra' during 'Ganesh Festival' from 2013 till date to help the authorities in traffic control and during procession ceremony.

2.2.5 How does the institution identify and respond to special educational/learning needs of advanced learners?

- The academic record is a major source to identify special needs of advance learners. The regular class tests, viva, class assignments, university examination and interaction with students have proved helpful to identify advance learners.
- The staff gives extra assignments, tutorials, career guidance seminars and guest lectures on advance topics.
- The students from all streams are encouraged to refer the reference books, e-journals and newspapers to enhance their knowledge in all fields.
- Advanced learners are encourages to participate in various competitions, extracurricular activities at university level which help them in personality development and make them competent for future challenges.
- Institute identifies advanced learners from the enthusiasm shown in their participation in co-curricular events, from the sincerity in attending and consistency in performing practical sessions which is evaluated on a continuous basis , from the performance in internal and University exams conducted periodically.

2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc.) who may discontinue their studies if some sort of support is not provided?

The college collects information on the students' performance through the academic results. The results of all courses are analyzed at end of every term/year. This analysis helps the HOD to find the passing percentage. This helps the subject teacher to analyze and improve upon the result.

The records of attendance, assignment submission, class test, viva-voce and internal test results help to understand the academic performance of the students. These sources provide a clear picture on the slow learners and non-performers. The college has organized 'Special Guidance Scheme' for slow learners. Department schedules the time table for difficult subjects to clear their concepts.

The college conducts Parent-Teacher Meetings to communicate the monthly class test results, internal examination results and gives a feedback about their ward.

Admissions for the students from economically weaker sections are encouraged by allowing to pay their fees in installments and also offers concession in fees. The concern and assistance of faculty members to the physically challenged and the disadvantaged students is a notable feature of the college.

The college provides extra time while writing exam papers and / or a writer to students with physical disabilities.

2.3 Teaching-Learning Process

2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)

The College is affiliated to SPPU which follows the structure as given below:

- **Academic calendar:** Academic calendar is prepared and published before the beginning of the first term of every Academic year which provides the layout of all Curricular, Co-Curricular, Extra-Curricular activities and examinations for that particular year. The academic calendar is prepared in supervision of the Principal, HOD's and all the course-coordinators. The copy of academic calendar is put up in the staff file to facilitate planning for staff. The first year students are intimated about it during the Orientation cum Welcome program.
- **Teaching plan:** Session plan is prepared and submitted to the Heads of the Department at the start of every academic year by all subject teachers

for their respective subjects. It is submitted at the beginning of the first and second term. A copy of the teaching plan is submitted to the HOD and Principal. This session plan helps the teachers to remain intact with the University teaching schedule. This plan is reviewed by the teachers at the end of every week.

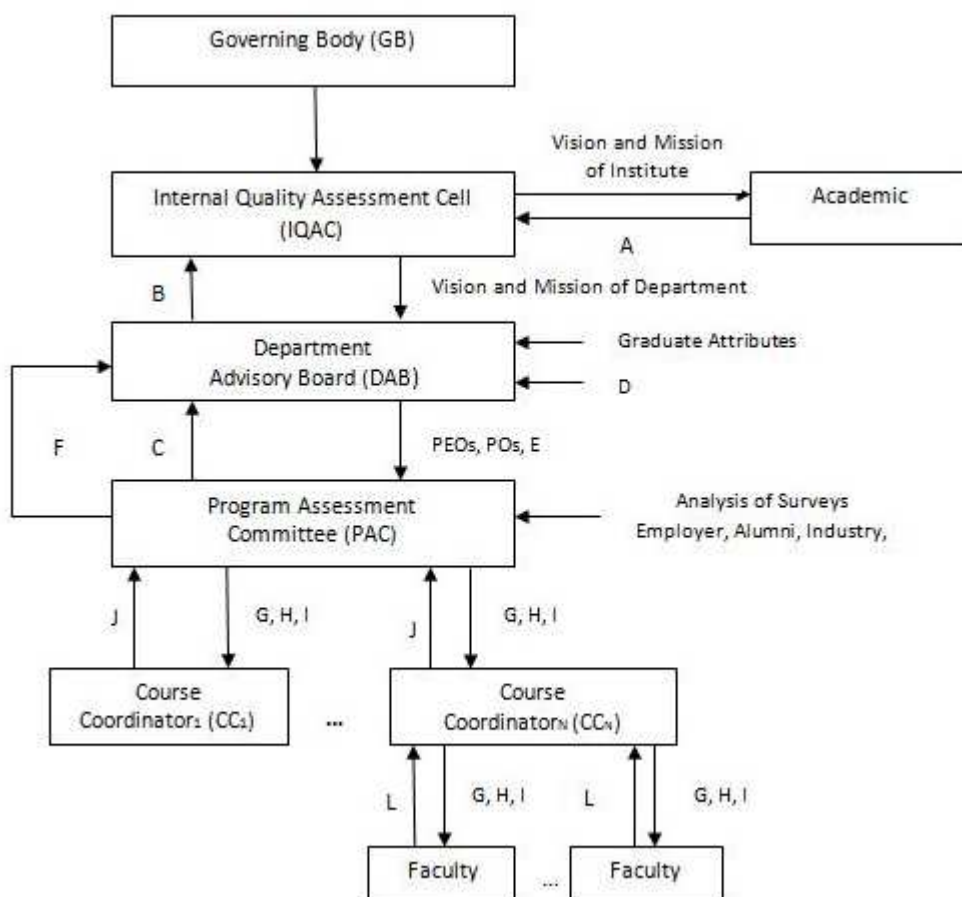
- **Time table:** Time table for regular lectures for the academic year is prepared and displayed on the notice board. This helps to ensure that the lectures start as per the commencement date of SPPU. If any lecturer is absent on a particular day, his/her lecture is engaged by a substitute and lapsed lectures are arranged with the consultation of HOD, which ensures non cancellation of lectures.
- **Evaluation Blueprint:** The College has set up an Examination Committee which monitors the evaluation process throughout the year. The Examination Committee and the Course Coordinators decide the internal evaluation schedule at the beginning of the academic year. Each department also works out schedule of the tests to be conducted at departmental level. The same is informed to the students through notices well in advance. The evaluation pattern is followed as per the norms and rules of the SPPU.

2.3.2 How does IQAC contribute to improve the teaching –learning process?

The college has constituted IQAC on 10th September 2015. The IQAC not only monitors regularly the teaching learning classes but also provides necessary suggestions. The functions of the IQAC are as follows:

- Development and application of quality benchmarks/parameters for various academic and administrative activities.
- Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation.
- Arrangement for feedback response from students, parents and alumni on the institution and curriculum.
- Organization of inter and intra-institutional workshops, seminars and conferences on quality-related themes.

Documentation of the various programs and activities leading to quality improvement.



A: Academic Structure

B: Report of DAB on evaluation of attainment of PEO's

C: Report of PAC on evaluation of attainment of PEO's And Pos

D: Pos defined by industry

E: Implementation guidelines for attainment of Pos

F: Recommendations to attain PEOs and Pos for approval of DAB

G: Implementation guidelines for attainment of Cos

H: Mapping of Pos and Cos

I: Evaluation of attainment of Cos of modules

J: Analysis of Cos

K: Uniform teaching methodologies

L: feedback Of Learning Teaching Process

2.3.3 How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

Learning is made more student-centric by offering them lot of support services. College constantly encourages teachers to initiate and develop skills of the students through interactive learning, collaborative learning and independent learning.

Interactive learning

- In interactive method of teaching, the teachers conduct various activities in classroom like group discussions, power point presentations, role play, quizzes, puzzles, crosswords, case studies, debate and so on to make learning an interesting experience. This method improves the students' knowledge on current topics, helps to improve communication, builds confidence and thus, leads to their personality development. Thus interaction with students and development of life skills are carried out effectively.
- In the classes where the strength is more, the lectures are delivered with the aim that average student will be able to assimilate the concept. For above-average students challenging questions are asked. For below average students special attention is given through personal interactions initiated by the teachers. Repetitions for the practical are arranged for science students.

Collaborative Learning

- Under collaborative learning the college organises a bouquet of various activities under different committees like, Women's Forum, Elocution and Debate, NSS, Students Welfare, Vocational Guidance, 'Vishwacarnival' – college Youth Festival, etc.
- In addition, the students also learn to collaborate while participating in various Inter-college Competitions like Paper Presentation, Quiz, Seminar, Elocution and Debate, other intellectual and subject oriented etc. Students also attend various guest lectures and workshops conducted by college. They receive knowledge from experts from respective fields invited on such occasions. These sessions have proved useful in updating the knowledge of the students as well as teachers in the respective subjects.

Independent learning

- The college has a well-equipped library which provides students latest books and journals. Library helps the students to independently enhance their knowledge. The students also contribute articles for the annual

college magazine 'Vishwakarmiya'. The college encourages the use of computers (in the laboratory, in library), LCD Projectors for Power point presentations and internet by the staff and students to keep them updated with latest technological developments in their respective fields.

- College also organizes Industrial visits for the students to gain practical knowledge about the functioning of various firms and industries.
- The campus is fully Wi-Fi enabled so that students have access to a universe of learning resources from all over the world.

2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

College encourages students to participate in intercollegiate competitions like photography, caricature, street plays, and drama competitions. The college inculcates critical thinking and creativity among the students by organizing case studies, group discussion, Poster and Project Competition, Debate, Elocution, Sports, Exhibitions, etc. College has been participating in 'Purushottam Karandak' (a renowned one act play competition in Pune) which provides a platform for potential actors, writers and directors.

Students become lifelong learners when they are exposed to such type of activities.

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? e.g. Virtual laboratories, e-learning – resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.

- College makes sure that teachers use the technologies like Virtual laboratories, E-learning resources, Information Communication technology, open educational resources, mobile education for effective teaching.
- In order to provide latest updated information, teachers and students retrieve information from the internet. All departments are provided computers with internet facility.
- For teaching computer subjects, we have ICT based class rooms and we also use LCD projector and PowerPoint presentations.
- Our teachers use their experience and creativity to adapt formal lectures in a modified form to make it learner oriented.

- The SPPU has made available the syllabus and old question papers of UG and PG courses on its website and the same link is available on college website.
- The faculty takes the advantage of **NPTEL** which is made available on the SPPU Website under the students' corner link. Under open educational resources webinars are conducted. The faculty members use e- resources provided by British library. In addition, You Tube links, coursera.com, icmrindia.org, citehr.com, citefin.com are also being used.
- The college has subscribed to e-resources through N-LIST Programme of UGC INFLIBNET. The login ID and passwords for the faculty members have been provided by the N-LIST.

2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?

- The College library provides scientific journals related to various subjects. The teachers and students frequently go through these journals. Along with this, the college has provided internet and Wi-Fi facility, which helps the students and faculty members to keep themselves updated in their respective subjects.
- Teachers also participate in Orientation Programmes, HRD and training programmes, National Teacher Congress which motivate them and enable them to keep themselves updated with recent trends.
- Teachers and students to get an opportunity to interact with the experts in the respective subjects by participating in departmental workshops, seminars and conferences of local, regional, state, national and international levels.
- College arranges expert lectures of various professionals from all streams for our students.
- College arranges seminars on career guidance for students and workshops on NET/SET for faculty.
- Leading entrepreneurs, corporate professionals, soft skills trainers are invited to interact with the students.

2.3.7 Detail (process and the number of students \ benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling / mentoring / academic advise) provided to students?

Regular lectures and practicals are conducted by the teachers. They also keep regular record of the attendance, participation in seminars and other activities and also of the performance of the students in internal assessment tests, term end or semester examinations. Apart from college internal tests and university examinations, monthly class tests and assignments are given. Remedial teaching sessions are given to slow learners. Innovative teaching techniques like PPT, group discussion, group projects, subject projects, quiz competition, videos, etc. are implemented to provide academic support to the students.

Professional Counseling, Mentoring, Academic Advice, Counseling Cell, Grievances Cell, Career guidance Centre are provided to students. In addition to that a separate counseling unit is also available.

For academic, personal and psycho-social support, the following activities are conducted:

Sr. No	Name of the event	Objectives	Beneficiaries
1.	Soft Skill Development Program (conducted by Edu-bridge)	To develop the soft skills and inter personal skills.	14 students are benefitted from the same.
2	Women's Forum Scheme. i. Girl's Personality Development Workshop ii. Yoga workshop iii. Nirbhaya Kanya Abhiyan Yojana	Vidyarthini Manch is the platform available for female students to express their views about women empowerment, share their problems and develop confidence to face those problems.	i. One- day workshop conducted for 120 girls for personality development ii. 120 girls participated in yoga workshop. iii. In Nirbhaya Kanya Abhiyan Yojana more than 100 girls participated and enjoyed self protection.
3.	Students Welfare i) Earn and Learn scheme	To look after the protection of rights, to nurture students' mental, physical, financial, cultural growth with various activities.	25+ students gets Benefit every year under earn and learn scheme

4.	Counselling Unit	At institutional level : The counselling unit offers counselling to students in an attempt to help the individual to cope with the demands of a complex society	Cases are identified by the teachers and approved by the Principal and counselling is provided to them.
5.	Vocational Guidance	To make the students aware about the career opportunities, to conduct training for making the students job ready and to train the students for competitive examinations.	Many students have received guidance.
6	IoT and Android work shop	to make the students aware of internet of things and android latest technology.	80 students of TY and PG received guidance from the experts.
7	International Yoga Day	To make the students aware of Yoga	123 students participated in this programm.
8	Carrier Counselling And Personality Development		104 students of SY and TY received guidance

2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

- College as an institution is committed to the pursuit of excellence and continues to follow the conventional teaching methodology and lecture mode. However, the efficient tutorial system in college facilitate the individual teachers to adopt and adapt new modes and methods like E-learning, Internet, Distance Education, ICT which they implement without affecting the curricular structure designed by the university.

- Experiential method of teaching is used for subjects like Marketing, Business Communication, Human Resource Management, Organizational Behavior, etc. For subjects like Accounting, Cost Accounting and Financial Management concepts are explained with the help of interactive games. Projects and learning resources from premium institutions are used as an extra teaching aid. For subjects like English, Marathi and German, movies are screened to widen the linguistic horizon of the students. The language teachers encourage the students to compose poems, write articles, essays and noteworthy compositions which are published in the college magazine.
- Along with this, Teaching Learning process is also supported with Power Point Presentation, Poster Presentation and Quiz Competition. The college provides the requisite infrastructure for conducting these activities.

2.3.9 How are library resources used to augment the teaching-learning process?

The usage of library resources is monitored by Library Advisory Committee headed by Principal.

Following are the services provided by the library:

- The library is well equipped with the material required for curriculum of UG and PG courses and also with all recent research material.
- The library continues to provide the following current awareness services in order to alert students to latest information of their interest
 - a. List of new entries
 - b. News items
 - c. Useful Articles
 - d. Reference Projects.
- Separate shelf for CDs, reference books of competitive exams etc helps students to enhance their knowledge.
- Previous year question paper sets are made available to students in college library. Students are instructed to prepare question banks for university examinations from the question papers sets available.
- Collection of CDs related to curricular and extra-curricular aspects is maintained.
- To cater the learning needs of students, books are issued to them on regular basis and through book bank scheme. They are encouraged and motivated to visit Library, to avail Book Bank facility, reading reference books, Text books, Journals, Periodicals, Magazines, Newspapers, Employment News etc. in reading hall.
- The new arrival display is another practice to extend support to the users of library. Even though the open shelf access is a practice, yet the library

staffs assists students in finding books if required. OPAC system is also available in the library to make sure availability of the books.

- Books on competitive examinations are lent to the needy on request to the Librarian. INFLIBNET installed in the Library has made it a repository for e-resources. Open Access System provides an easy access to the required books.
- Some departments have the healthy practice of filing and sorting newspaper articles for the ready reference. In science departments where practical are prescribed, the required manuals and data sheets are readily available in the library.

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

Yes, Institution certainly faces the challenges in completing the curriculum within the planned time frame and calendar. Lectures allotted for teaching a subject, are sometimes feel inadequate, in such case, extra classes are to be conducted by the teachers of the institution. Sometimes due to non availability of high quality foreign reference books, teachers feel that they cannot give justice to the subject, but proper use of internet help them to complete their syllabus in time with useful subject knowledge.

2.3.11 How does the institute monitor and evaluate the quality of teaching learning?

- Through IQAC and examination process, the institute monitors and evaluates the quality of teaching learning.
- The HODs and the Course Coordinators monitor teaching learning process closely.
- The Coordinators monitor the regular conduct of lectures as per session plan.
- Any variation in session plan and execution is brought to the notice of the Coordinators and efforts in the form of extra lectures are conducted by the respective teacher for successful completion of the curriculum. Every subject teacher analyzes the results of each subject and creates a plan of action to be taken for improving result.
- HODs get feedback on the teaching process of the faculty members from the students and faculty members are appreciated or given suggestions for improvement during the department meetings.
- A structured questionnaire is used to evaluate the quality of teaching of

individual faculty by all the students semester wise and it is submitted to the Principal office.

- Before the commencement of the academic year, all faculty members are reoriented with innovative teaching techniques, communication and other skills necessary for quality teaching.
- Efficient teaching, suitable teaching techniques and proficiency in language skills of the faculty members have made learning qualitative and a remarkable improvement is shown in the overall performance of the students year after year.

2.4 Teacher Quality:

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum.

- The details of Faculty recruitment is as under:

Highest qualification	Professor	Associate Professor				Assistant Professor		Total
	Male	Female	Male	Female	Male	Female		
Permanent teachers								
D.Sc./D.Lit.	-	-	-	-	-	-	-	
Ph.D.	01	-	-	-	01	01	03	
M. Phil.	-	-	-	-	01	-	01	
PG	-	-	-	-	-	07	07	
NET / SET				-	-	04	04	
Temporary Teachers--on honorarium basis								
Ph.D.	-	-	-	-	-	-	-	
M. Phil.	-	-	-	-	-	01	01	
PG	-	-	-	-	02	18	20	
NET/ SET	-	-	-	-	01	01	02	
Part-time Teachers								
Ph.D.	-	-	-	-	-	-	-	
M. Phil.	-	-	-	-	-	-	-	
PG	-	-	-	-	-	-	-	
NET/ SET	-	-	-	-	-	-	-	

College has adopted following process for planning i.e. recruitment of human resource. Each Department identifies its human resource requirement before the academic session depending on the workload. Advertisement is released in regional newspapers. Applications are invited from the eligible candidates. After scrutinizing the applications, qualified candidates are invited for interview. Interviews are conducted by forming a committee as per the norms of the SPPU applicable.

For permanent faculty the selection committee is formed comprising of a Vice-Chancellor nominee, a State Government nominee, a BC nominee, Management nominee, two Subject experts and Principal. The selection is done purely on merit basis and abiding by the necessary reservation norms. The UGC, State government and University rules and regulations are followed while making the appointments.

Faculty members are encouraged to take up higher studies. Laboratory Facilities are provided to carry out research. Faculty Members are deputed on duty leave to attend Seminars / Conferences / Workshops etc. In addition to this, the work culture of the college provides a boost to the faculty members to stay with the organization. A healthy atmosphere exists between the Management, Principal and Staff members. Salaries are paid on the specified date regularly to all staff members. The Management recognizes the efforts of the faculty members during the Teachers Day celebration or gathering every year. Monthly Staff meetings are held to motivate and guide the faculty members. All these contribute towards retaining the faculty.

2.4.2 How does the institution cope with the growing demand / scarcity of qualified senior faculty to teach new programmes / modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

The college has been taking efforts to cope with the growing demand of qualified faculty members. The following list elaborates the measures taken by the college in this regard:

- The college plans the academic calendar well in advance and arranges for recruiting faculty members before the commencement of the new academic year.

- All the faculty members are encouraged to upgrade their qualifications and enroll for M. Phil and Ph. D programmes.
- Faculty members are deputed to attend conferences and seminars for which they are given duty leave. The Commerce and the Computer Science departments have been taking efforts to conduct State and National Level Conferences for past four years considering the recent developments in the respective streams.
- The college invites resource persons from the industry for M.Sc. (CS) students for project guidance and subjects like DOT NET, Software Testing, Robotics, HRM, Cyber security, Web enabling services etc.

2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

a) Nomination to staff development programmes

Academic Staff Development Programmes	Number of faculty nominated
Refresher courses	
HRD programmes	
Orientation programmes	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / winter schools, workshops, etc.	

b) Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning

- Teaching learning methods/approaches
- Handling new curriculum
- Content/knowledge management
- Selection, development and use of enrichment materials
- Assessment
- Cross cutting issues
- Audio Visual Aids/multimedia
- OER's

Teaching learning material development, selection and use

c) Percentage of faculty

- invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies

- participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies
- presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies

**a) Nomination to staff development programmes
(A.Y. 2012-13, 2013- 2014-15, 2015-16)**

Academic Staff Development Programmes	Number of faculty nominated			
	AY 2015-16	AY 2014-15	AY 2013-14	AY 2012-13
Refresher Courses	-	-	-	-
HRD Programmes	4	3	4	3
Orientation Programmes	2	2	2	1
Staff Training conducted by the University	-	2	2	-
Staff training conducted by other institutions	4	3	5	2
Summer / Winter Schools, Workshops, etc.	39	5	7	-
Staff training conducted jointly by the university and the institute	-	-	-	-

- College organizes Workshops/ Seminars/ Conferences for enhancing the teacher quality.
 - Study materials, reference books, information from internet are provided to faculty members.
 - The students and the faculty members keep pace with recent developments in their disciplines by pursuing research journals, latest reference books, by participating in International and National seminars / workshops / conferences and interactions with mentors.
- (b) Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning**
- Teaching learning methods/approaches
 - Handling new curriculum
 - Content/knowledge management
 - Selection, development and use of enrichment materials

- Assessment
- Cross cutting issues
- Audio Visual Aids/multimedia
- OER's

Some of programmes organized are as follows.

S.N.	Training Program	Focus
1	Induction Training Program	Awareness about vision , mission, quality policy of the in situation, organizational structure, standard procedures and formats in quality management, ICT tools ,e journals, OPAC central library
2	Faculty training by course coordinators	Understanding the course teaching methods.
3	LabVIEW Training	On Slim Software NPTL, OPAC , INFLIBNET
4.	Training on Theory and Laboratory for UG	Tally, S/W ,Aneroid, Big data
5	Expert lectures for faculty, students	Latest updation in subjects

(c) Percentage of faculty:

Invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies: Dr. Arun R. Patil, Principal, has been invited for five different Workshops/Seminars/Conferences

Sr. No.	Subject	Details	Period	Venue
1	National Seminar on Recent Trends in Material Science	Invitation for Speech	25 to 27 Nov, 1999	Sri Venkateshwara University, Tirupati.
2	International Symposium on Electroceramics	Invited Talk: 1)Structural and electrochemical properties of nichrome anode thin film for lithium battery.	11 to 15 Jun, 2007	Korea Science and Technology Centre, Seoul, Korea

		2)LiCoO ₂ thin film cathod grown by sol gel method.		
3	National Conference on Advancements in Nano-Science for Different Technologies	Invitation for Speech	10 to 11 Feb, 2010	Shrikrishan Mahavidyalay, Gunjoti, Osmanabad.
4	National Conference on "Strengthening Today, Building Tomorrow"	Invitation for Speech	4 to 5 Mar, 2011	Vishwakarma Global Business School, Pune
5	State Level Seminar on Future Energy	Invitation for Speech	27 to 28 Oct, 2013	Asian College of Science and Commerce, Narhe, Pune.

Participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies

Level/Year	2012-2013		2013-2014		2014-2015	
	Presented	Attended	Presented	Attended	Presented	Attended
International	20%	10%	1%	1%	1%	1%
National	1%	0%	24%	15%	12%	12%
State	0%	0%	0%	0%	6%	1%
University	0%	22%	10%	6%	0%	33%

2.4.4 What policies/systems are in place to recharge teachers? (e.g.: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

The college has constituted a Research Committee which guides the faculty members in the following way:

- The teaching faculty members are encouraged to write research papers for publishing in various national and international research journals.
- They are also motivated to register for M.Phil. and Ph.D. to upgrade their qualifications.
- They are inspired to take active part in Seminars and Conferences.

The college sanctions duty leave for such participation.

- The committee also informs the staff members about the provision and procedures of applying for Major and Minor Research project under the BCUD of the SPPU and other funding agencies.
- In addition to this, the college allows and gives flexibility and time off during college hours to the staff members who would like to visit their research centres or research guides. The faculty members are appreciated during Annual Prize Distribution for writing research papers in International Journals. Eminent speakers are invited to interact with the faculty members to update their knowledge. Wi-Fi connectivity has been provided to the faculty members in college campus.

The college has subscribed to e-resources through N-LIST Programme of UGC INFLIBNET.

2.4.5 Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/achievement of the faculty.

College identifies and awards best teachers every year which motivate faculty and creates an environment which nurtures academic excellence

2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?

Yes, the college has an evaluation system i.e. feedback. At the end of every semester, the students are administered questionnaires to assess their respective faculty members. The data is analyzed first confidentially and then it is shared with the concerned faculty members. Faculty members who are lacking in certain areas are guided by the management and counseled to improve their techniques. If, for some reason, faculty members are not improving their performance over a period of time, they are then replaced by competent faculty. The college provides all the required facilities to its staff to improve their knowledge and skills. Excellent performers are given cash award along with appreciation letter.

2.5 Evaluation Process and Reforms:

The evaluation techniques adopted by the college include written and practical examinations, tests, assignments, projects, mid-term examinations with strict invigilation, which are the pointers of quality sustenance employed by the college. Cumulative record of the term examination is maintained by examination committee while record of internal tests is maintained by Heads of the Departments.

2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

The college has constituted an Examination Committee which ensures the smooth functioning of overall evaluation process of all the courses. The college has appointed a senior faculty member as College Examination Officer (CEO) as per the University's directive. The examination committee with the Course Coordinators decide the internal examination schedule as per academic calendar. The college uses the following ways to bring awareness about the evaluation processes in the students and faculty:

- The paper pattern, tentative dates of examination along with internal and the university examinations procedures are clearly explained to the students by respective subject teachers in the classroom.
- The schedules of University and College examinations, oral and practical examinations, additional instructions regarding examinations, internal examination marks, verification and revaluation circulars are displayed on the notice board well in advance. Notices also put up on college website. Important notices are sent to students via college SMS portal.
- To fill up the SPPU examination forms online, college provide computer laboratories.
- During Parent Teacher meetings, the test results are discussed with the parents and students.
- The plan of project work to be carried out is displayed on the notice boards of the respective departments and then orally communicated to the students in the classroom. The marking scheme is also explained properly.
- Staff meetings are conducted to make the staff members aware about notices / circulars from SPPU and also the evaluation processes before the commencement of the examinations.

2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?

The University has fixed certain norms and patterns of evaluation. Based on those norms internal, oral, practical and external examinations are conducted. The CEO attends the workshops conducted by the University. Conduction of internal examinations and submission of internal mark lists is followed in accordance with the University schedule. The college follows all the ordinances issued by the University, related to the examinations.

I) The major evaluation reforms of the university that the institution has adopted over the last four years are as follows:

- The assessment of all first year classes of B.Com. BBA, BBA(IB) , BCA (BCA changed to BBA(CA) from 2015-16), and B.Sc. (CS) to be conducted at the college level are a major reform of the University introduced in the year 2010-11. The college has very well adapted to this reform till today's date.
- The Credit Based System for M.Sc. (CS) is introduced by the SPPU from the year 2013-14. The College is free to design the continuous evaluation to be done for the M.Sc. students. As per the guidelines issued by the SPPU, Assignments, Presentations, Group Discussions, Surprise Tests, Open Book Tests are conducted.
- The College conducts term end internal examination for all the students of B.Com. The term end exam is conducted for 60 marks per subject which are converted into 20 marks and sent to the University. For BCA (BBA(CA)), BBA, BBA(IB) and FY B.Sc. (CS) students, the internal examination is conducted for 20 marks which are kept as it is. For B.Sc. (CS) students the internal examination is conducted for 20 marks which are converted to 10 marks.

II) Institute has initiated following evaluation reforms-

- College conducts monthly class test to monitor the progress of the students.
- During practical session, orals are conducted for improving their practical knowledge.
- Project work evaluation by industry experts.

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

To ensure the effective implementation of the evaluation reforms of the University, the Examination Committee issues notices and displays circulars to staff and the students regarding the same time to time under the guidelines

received from Principal. Any reforms or changes in the evaluation pattern are informed to the students by the Coordinators, Class teachers and the concerned subject teachers during the lectures.

The subject teachers are also encouraged to participate in the syllabus restructuring workshops, training workshops held at University level.

2.5.4 Provide details on the formative and summative evaluation approaches adapted to measure student achievement. Cite a few examples which have positively impacted the system.

Formative Evaluation:

The college conducts formative evaluation through class observations, projects, powerpoint presentation and group discussion. The class tests, quiz, power point presentations encourage the students to participate and interact in the class. This helps the teachers to evaluate the students in respective subject and involve them in various Academic and Co-Curricular activities. They are motivated to participate in intercollegiate events like Vishwa-Carnival, Avishkar, Debate Competition, Quiz, Workshops and Seminars so as to bring holistic development in them.

Summative Evaluation:

The college conducts summative evaluation through term end, internal examinations, University examination, Practical, Project Work and oral examination.

The above approaches have positively impacted the system by helping the students to improve on their academic and interpersonal skills. The faculty members identify the skill sets of the students and motivate them to participate in different competitions at State, National and University level.

Please refer 5.3.2 for participation details.

2.5.5 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weight ages assigned for the overall development of students (weight age for behavioral aspects, independent learning, communication skills etc.

The college ensures complete transparency in the Internal Assessment. The norms implemented are as per guidelines laid down by the SPPU. The college follows the semester pattern for SY B.Sc. (CS), TY B.Sc. (CS), BCA (BBA(CA)), BBA, and all PG courses and annual pattern for FY B.Sc. (CS) and B.Com. as prescribed by the University.

To ensure rigor and transparency in the internal class test assessment the results of class test examinations are displayed on notice board and also parents are made aware about the same during Parent Teacher Meetings. Any grievances regarding internal marks evaluation are sorted through proper procedure and guidelines issued by Principal. The communication skills get tested through oral examination.

Various activities like Seminars, Group Discussion, Open Book test and Class tests are conducted for PG students. Internal assessment is based on these activities .

2.5.6 What are the graduates attributes specified by the college/ affiliating university? How does the college ensure the attainment of these by the students?

The college has specified the following graduates attributes:-

1. Self-motivated and Independent
2. Leadership
3. Effective Team Players
4. Ethical and Engaged citizens
5. Soft skills and life skills
6. Awareness of Global Knowledge Society and Global Competencies
7. Quest for excellence

The college provides innumerable opportunities to the students to develop these attributes. Technology related courses like Personality Development Program, Tally, Android OS and Robotics are conducted by the college which will be useful for the students to get jobs in well known companies or organizations.

The students become self-motivated by participating in different competitions like Paper Presentation competition, Quiz, Elocution and Debate, Mad Ads etc which are organized by the college and encourage them to participate in inter collegiate competitions. Initially, they are guided by the teachers to prepare for such competitions and later the same students mentor their juniors which help in developing their decision making skills and also makes them independent. They are able to recognize bigger opportunities for new learning when they participate in such competitions.

The college organizes a seven-day special winter camp and other socially relevant activities with the help of its NSS unit which transform the students. Students learn to be active citizens who engage themselves in such activities

which may help to make the society stronger and healthier. It also makes them aware about accepting social and civic responsibilities.

The college organizes cultural week called 'Vishwacarnival' and 'Pool Campus Drive' which inculcates team building skills, leadership skills, management skills and interpersonal skills in the students as they play a pivotal role in planning and execution of the entire event. Apart from this, the students work as volunteers and coordinators for various events conducted by the college. They are also a part of the editorial board of the college magazine 'Vishwakarmiya'. Being a part of all these events the students learn how to communicate effectively, understand work ethics and work independently and collaboratively which results in making them accountable and responsible individuals.

2.5.7 What are the mechanisms for redressal of grievances with reference to evaluation both at the College and University level ?

- **College Level:**

Grievance Redressal Cell of the College helps the students to approach for their general and personal grievances. Suggestion boxes are available for the students to register their grievances. The institution follows transparent evaluation system. All grievances regarding evaluation, including the internal assessment marks awarded to the students are redressed by the Heads of Departments before sending it to the University.

- **University Level:**

Grievances related to University Question Paper like questions that are out of syllabus, printing mistakes etc. are notified to the University through the Department and Exam cell. There is a provision for Re-valuation, Marks verification and receiving duplicate copy of the answer sheets from the University for the Grievances on External Marks.

2.6 Student performance and Learning Outcomes

2.6.1 Does the college have clearly stated learning outcomes? If "yes" give details on how the students and staff are made aware of these?

- Yes, the college has clearly stated learning outcomes which are mentioned in its Vision and Mission statement. These are made aware to the students and staff through orientation programme, college website, college prospectus, year commencement staff meeting and display

boards placed at strategic locations in the college premises.

- Expected learning outcomes of all the courses of all UG and PG programmes are framed by the faculty members during the preparation of the syllabus in SPPU for each course.
- The syllabus containing the objectives of the courses are available in SPPU website and same link is given in college web site to make aware of the course content to the students in the beginning of the academic year.

2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the students results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered

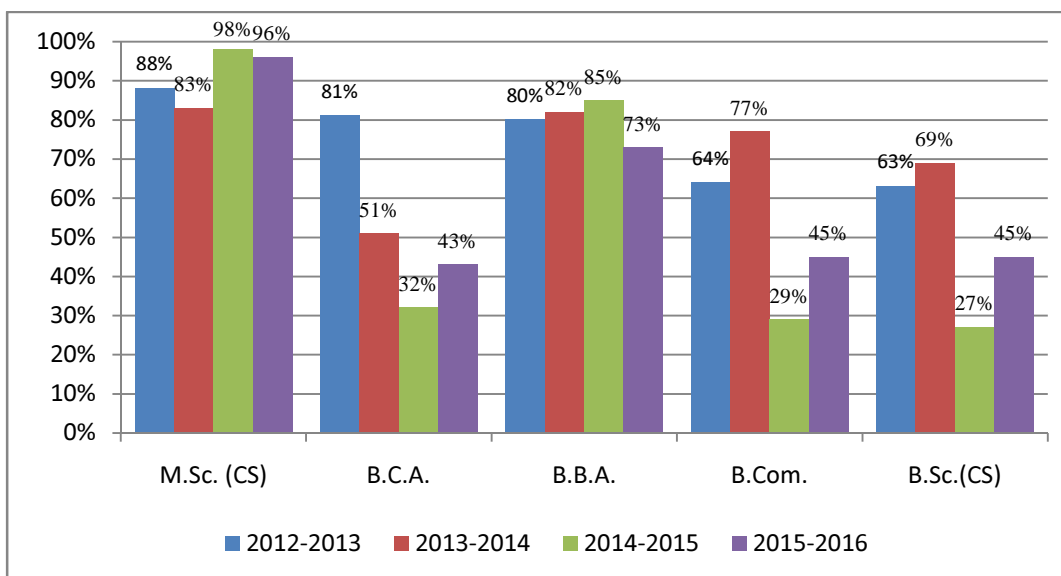
- Institute monitors the progress and the performance of the student throughout the course duration.
- The college conducts class test every month and the result are displayed on notice board as well as it is communicated to their parents.
- College awards prizes to the toppers of university examinations during annual award function.
- Along with the academics, college also motivates the students to participate in cultural, co-curricular and sports activities.
- Students who excel in sports and cultural events are awarded with medal, certificate and trophy.
- College has organized the poster competitions on social issues. College appreciates the efforts and participation of students by giving prizes to best posters, rangoli and models.
- University results are analyzed and summarized reports are disseminated to the HOD/Principal for their information and corrective actions for better performance.

The summarized result/ achievements over last four batches are appended below:

Result Analysis of Final Year Students

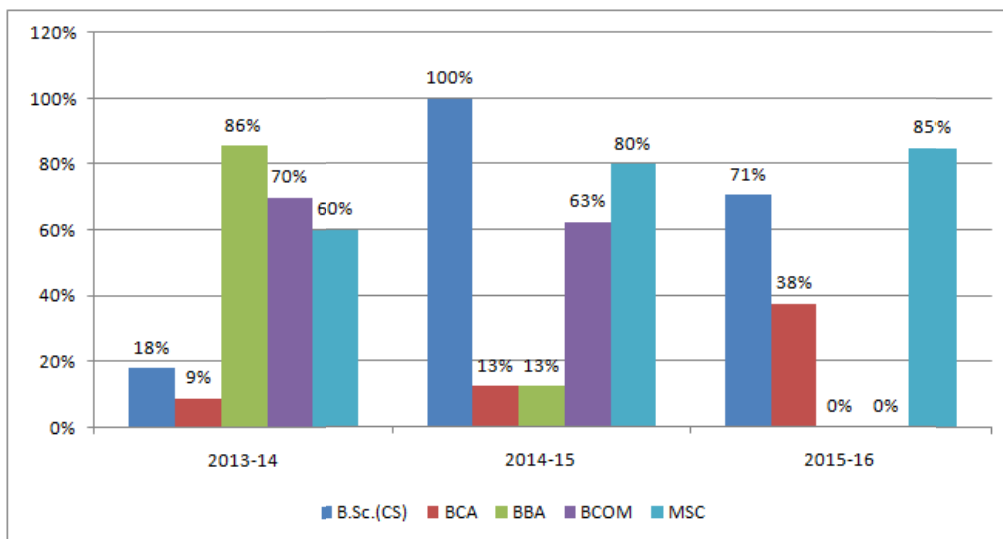
SN	Departments	2012-2013	2013-2014	2014-2015	2015-2016
1	M.Sc. (CS)	88%	83%	98%	96%
2	B.C.A.	81%	51%	32%	43%
3	B.B.A.	80%	82%	85%	73%
4	B.Com.	64%	77%	29%	45%

5	B.Sc.(CS)	63%	69%	27%	45%
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Placement Summary

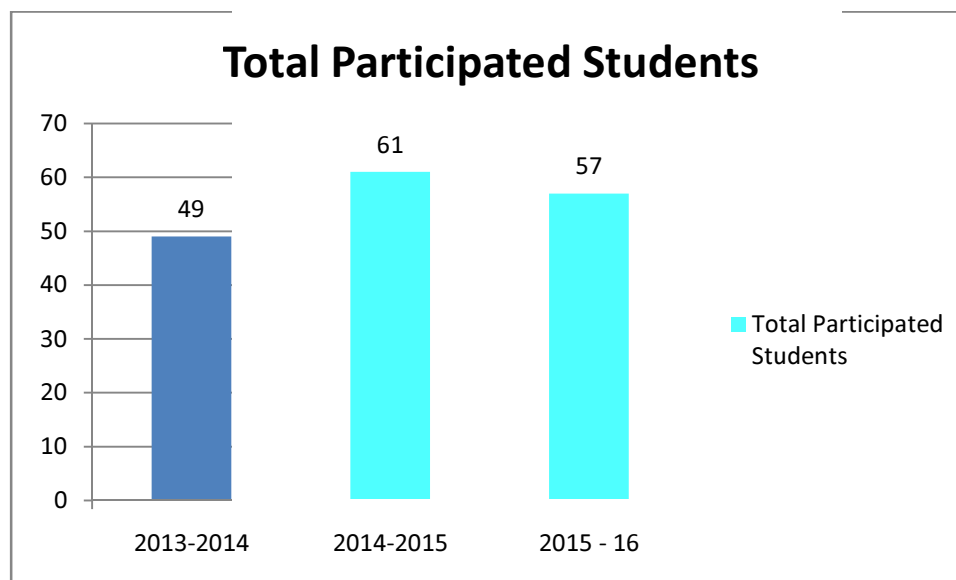
Courses	2013-14	2014-15	2015-16
B.Sc.(CS)	18%	100%	71%
BCA	9%	13%	38%
BBA	86%	13%	-
BCOM	70%	63%	-
M.Sc. (CS)	60%	80%	85%



Sports

Inter collegiate Sport Tournaments

Year	2013-2014	2014-2015	2015 - 16
Total Participated Students	49	61	57
Total Events	6	7	6



Special Achievements

2013-2014		2014-2015		2015-16	
Name	Particulars	Name	Particulars	Name	Particulars
Prabhjyot Singh	IPCC Topper	Reddy Malcom John	Interzonal Kabaddi competition first prize winner	Shah Kartik, Patel Dipesh Vadilal	Winner in Avishkar Poster Competition - 2015-16 at Zonal Level, organized by Savitribai Phule Pune University
Vikas Indalkar	State Level Tournament participation (Boxing championship)	Kasar Gaurav Kailas	Zonal level First Prize in Net Ball	Jalahalli Raaghavendra Narsing Raya, Kadu Nikhil Ramdas, Kalokhe Deepak Bhanudas	Won the Second runner up position in Quiz competition organized by SP college and selected at zonal level yuvak mahotsav competition.
Hatim Lokhandwala Khushboo Sing	Participated in University level research competition, organised by University	Krishna Gurudas Kadam	Got 5th position in Progressive Shree 2015 Body building Competition organized by Modern College	Shailuv Deven Shah	Participated and got a first runner up position in Mile Events 2015 Solo Dance, organized by Mile

	of Pune.		Shivaji Nagar and 6th position in Modern Shree 2015 Organized by Modern College Ganesh khind		Institute Wagholi
Vinod Pawar-I, Umesh Choudhari-II, Rahul Chajjed-III	India's first intercollegiate competitive examination on Black Berry smart phone. Won trophy and scholarship	Vikas Bibhishan Indalkar	National Level Boxing Gold Medal	Ratnaparkhi Rutuja	She is a part of Guinness book record where lavani performed by 573 girls for 12 minutes
Sandeep Shukla and team	First prize in Intercollege quiz competition	Mohit Surana and Group	Participated and won State level Dance Competition 'Srujan' organized by MIT college, Pune	Kadam Shrikrishna Gurudas	He has participated Interzonal bodybuilding competition and got selected for all India Competition and also for savitribai phule pune university Body Building team
		Mohit Surana	Participated in Dance	Chinchode Shivani	She got first prize at

		and Group	competition 'Grooves and Mooves' organized by NIEM.	Ganesh	State Level Yoga and got selected for National level, the competition is competition organized by Olympic Yoga Federation
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2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

The college aims to help students to reach their potential through the provision of a supportive, vibrant and challenging learning environment. All the staff members are involved in the creation of this learning environment. The college conducts various activities like Seminars, Guest Lectures, Workshops, etc. to achieve the intended learning outcomes. The college is committed to create an environment where students are supported to achieve their potential and to work towards creating an inclusive learning community.

- **Teaching:** Session Plans are prepared by all the teachers in the beginning of every academic year which helps the teachers to find ways for achieving the predetermined learning outcomes of their subjects. Academic Calendar is prepared at the beginning of the year. This helps the college in chalking out the exact blueprint of the Curricular and Extra Curricular activities for the students.
- **Learning:** The college conducts various Co-Curricular and Extra Curricular activities which are learner-centric. College conducts the Software Development Competition, Quiz competition, Guest lecture etc. College also motivates the student to participate in state level AVISHKAR, Intercollegiate Paper Presentation Competition, Poster and Project Competitions. Vishwacarnival, NSS are learner-centric activities which are conducted by the college to achieve the intended learning outcomes.

- **Assessment:** The academic assessment process of the college helps the students to understand their performance. In addition to this, the college has constituted various internal committees for the overall administration of the college. These committees also look after the conduct of Curricular, Co-Curricular and Extra-Curricular activities. Feedback is taken from the students about concerning teaching, infrastructure and all the student centric activities. This is used for the improvement of the academic standards and Co-Curricular and Extra-Curricular activities

Apart from this, following schedule is implemented during the academic year:

- There are two internal tests for each subject. It is held around the end of the semester.
- There are four class tests for each subject. One is held around 23rd working day and other on 50th working day approximately.
- There is a model examination for First Year for theory as well as practical/oral, prior to the University Examination. The model examination marks are analyzed and students are given necessary advice.
- For post graduation each student is required to submit three assignments in each subject over a semester. The marks of the assignments are considered as 'internal marks'
- Each student is exposed to viva in the practical session, and the marks are considered for the internal assessment of respective practical.
- Each student is exposed to class-room seminar on the topics of their choice within the curriculum. This helps them to organize their ideas and the presentation skill. Students are encouraged to develop their communication skill through class room seminars.

2.6.4 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (student placement, entrepreneurship, innovation and research aptitude developed among students etc.) of the courses offered?

Following are the initiatives taken up by the college to enhance the social and economic relevance of the courses:

- At the time of the admission the faculty members guide students for the choice of subjects. The subject teachers and the coordinators bring awareness in the students about different jobs, job requirements and entrepreneurship opportunities in respective subjects. They are made aware of social issues and

responsibilities through programmes conducted by the NSS, Womens' Forum, and Students Welfare Unit.

- Students are encouraged to participate in activities for social and community service like Blood Donation, Tree Plantation etc. The students also contribute theme based articles, poems and short stories in 'Vishwakarmiya', the annual college magazine.
- The college has initiated research and innovation based activities for students by conducting Project Competition, Poster Competition and Inter-college Paper Presentation Competition as well as State Level competition like 'Avishkar'.
- The Placement Cell of the college assists in making the students job ready by conducting guest lectures on how to prepare for Personal Interview, Aptitude Test, guidelines of GDs etc. Various companies also visit the campus for campus interviews. Our students are also sent for pool campus recruitments.

Following are the companies which have shown interest in our students and their skills:

Sr. No	Name of the Company	Sr. No	Name of the Company
1.	Infosys	12.	UbiSoft
2.	L&T Infotech	13.	TCS
3.	Cognizant	14.	Yardi Software
4.	IMRB	15.	SQR Infotech
5.	Eureka Forbes	16.	MECOE
6.	Pragmatic	17.	Harbinger
7.	Btightton Pvt. Ltd	18.	Data fortune
8.	Xtremmum Solutions	19.	Syntel
9.	Plural Technology	20.	Pragmasys
10.	Webtech Developer	21.	Accenture
11.	Tech Mahindra	22.	WNS

- The college has formed an Advisory Committee with an aim to bridge the gap between Industry and College. The committee comprises of renowned Academicians and Industrialists who provide suggestions to improve upon the industry interaction. In addition, the college has an Excursion Committee which organizes

Industrial Visits for BBA students. These visits help the students to understand the overall working of the industry. The college encourages the students to take industry projects as part of the curriculum.

- The Vocational Guidance Cell of the college conducts various guest lectures and workshops for making the students job ready. Many reputed and talented industry people have been visiting the college to interact and train the students on various skill sets needed to become employable.
- Entrepreneurship Development Cell (EDC) established in the institute works to develop entrepreneurship qualities in students to launch their start-ups
- The Entrepreneurship Development Cell proudly hosts VISHWAPRENEUR, a convention that provides a platform to interact with reputed entrepreneurs. Every year one event is held where various events such as advertisement skill, internship fair and interaction with renowned speakers are organized.
- VCACS has some alumni who start-ups to their credit in last 4 years and the number is going steadily.

2.6.5 How does the institution collect and analyze data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?

One of the keys to successful learning is the aligned curriculum. College has clear idea about the learning outcomes, learning experiences are designed to assist student performance of desired outcomes, also carefully designed assessment tasks ,allow students to demonstrate performance.

The college collects and analyzes data on student learning outcomes through the following:

1. Class test, internal tests and term end examinations
2. Oral and Practical examinations
3. Annual/Semester examinations
4. Project Submissions
5. Feedback of all Co-Curricular and Extra-Curricular activities
6. Suggestion Box
7. Parent Teacher Meetings

On the basis of the data, the college has taken following steps for planning and overcoming barriers of learning:

- Question banks are made available for the students to prepare for the University and internal examinations.
- Monthly class tests are conducted to get familiar with the University questions' pattern.
- The result is analyzed after every semester and final examination and the outcome is discussed with faculty and under the consultation by administrative authority different preventive measures are adopted to overcome shortcomings.
- Students' grievances are redressed so as to remove the hindrances in their learning process.
- Remedial coaching for slow learners is done to solve their problems and help them cope with the subjects.
- Continuous support to the students who represent the college in sports, cultural and extra-curricular activities is given by the college so that the students do not lag in academics.

2.6.6 How does the institution monitor and ensure the achievement of learning outcomes?

- For lectures and practicals of all courses attendance is taken regularly. This attendance record is maintained properly by the teachers.
- Learning outcomes are thoroughly inspected, monitored and ensured by the faculty through internal class tests, oral, assignment, guest lectures and career guidance programmes.
- As the entire laboratory courses are continuously assessed, students who lag in these courses are given additional help and guidance. The fact that many students proceed to higher studies/employment is a positive indication of learning outcomes. The academic performance is also an indication of achievement of learning outcomes.
- Sincere students are awarded proficiency prize in the college.
- Rank holders in the university are felicitated in the college function and college also provides free-ships/scholarships.

2.6.7 Does the institution and individual teachers use assessment/ evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples.

Any other relevant information regarding Teaching-Learning and Evaluation which the college would like to include.

Yes. The institution and an individual faculty member do use assessment/ evaluation outcome as an indicator for evaluating student performance and achievement of learning objectives. It is used in planning necessary corrective measures in case of deviation from the expected outcome. Some of the details of process being followed by the institute/ department/ Faculty, are as follows:

- Once in a fortnight, the syllabus/ course coverage is assessed by the HOD/ Faculty concerned.
- Further it is compared with schedule of lectures for further necessary actions.
- Class performance after the internal tests, class tests and the overall class performance is monitored subject wise. Slow learners/ weak performances are identified for remedial monthly input.
- Attendance of student is reviewed by the HOD and students lagging behind are identified. Reason for poor performance is ascertained through in-person interaction with students and sometimes with parents for improvement in rest of the semester classes.
- In case of poor performance by the class in a particular subject or certain difficulty in question paper or quality of teaching by concerned faculty or quality of evaluation of answer sheets etc. , necessary course of actions is decided.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

Considering the growing weightage of research in education the Institute is taking the efforts to sensitize the faculty and the students. We support our students and staff involved in research by providing library facilities, modern lab facilities, computer and internet facilities, adjustment of lecture timing and required other help.

Our teachers actively participate and contribute to various areas of research. We are a young institute and our journey towards excellence through research has already started. We actively promote the research within the organization and our progress in research is very much convincing. Some of our teachers are registered Research guide of various Universities. We are also in the process of registering our teachers at SPPU for research and until such time their names are approved, we are taking up projects through our centralized research unit. Infrastructure for research has been created and upgraded every year.

3.1.1 Does the institution have recognized research center/s of the affiliating University or any other agency/organization?

At present, the college does not have recognized research centre. We are about to apply for research centre.

3.1.2 Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

The college has formed a Research Committee in the academic year 2014-15 to monitor and address the issues related to research. All Coordinators are the members of the committee under the Chairmanship of the Principal of the college. The Research Committee along with the QIP Committee takes efforts to initiate programs on promoting research among faculty members and students.

Research Committee		
Sr.No.	Name	Designation
1.	Dr. A. R. Patil	Chairman
2.	Dr. B. R. Rode	Expert
3.	Prof. Sudhir Chitnis	Expert
4.	Prof. Anjum Patel	Co-ordinator

5.	Prof. Swati Sathye	Member
6.	Prof. Swati Patil	Member
7.	Prof. Kavita Khoje	Member
8.	Prof. Shital Mantri	Member
9.	Mr. Suresh Sase	Member

Recommendations Made:

1. The committee recommended the staff members to write research papers for publishing in various National and International research journals.
2. Encourage to register for M.Phil. and Ph.D. to enhance their qualifications.
3. Promote to apply for Major and Minor Research projects under the BCUD of the SPPU.
4. Flexibility in time during college hours to the staff members who would like to visit the research centers or research guides.
5. Guidance is provided by the committee, about the area, current scenario, registration process, funding agencies etc in research should be made for students and faculty/students.
6. Guidance for Internal projects according to market trend, importance and usability of that project etc. is provided to students.
7. All details regarding registration date, form filling, and other necessary details are made available to students about M.Phil., Ph.D., National/International/State level Conferences, and Entrance Exams etc.

Impact

1. Several staff members have presented and published research papers in various conferences and journals respectively.
2. Three staff members registered themselves for PhD & four for M.Phil. From 2007-2016.
3. Dr. Arun Patil, Principal successfully completed a Research Project entitled **“Preparation and Characterization of Nanostructure Materials for Thin Film Lithium Battery”** sanctioned by BCUD, SPPU in 2012-14.
4. Some staff members have published the papers in the important areas like ‘Non-Renewable Energy Resources’, ‘Energy storage devices’, ‘Clean energy’, ‘Home Security’, ‘Stress Management in IT’, ‘Recent trends in IT’ etc.
5. Our students and faculty are participating every year in the competitions like ‘Avishkar’ & ‘Innovation’ at University level.

3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/projects?

- **Autonomy to the principal investigator**
- **Timely availability or release of resources**

- Adequate infrastructure and human resources time-off, reduced teaching load, special leave etc. to teachers
- Support in terms of technology and information needs
- Facilitate timely auditing and submission of utilization certificate to the funding authorities
- any other

The Principal Investigator is provided with the autonomy to carry out the research projects. Faculty is given the time flexibility so that as per his/her convenience, faculty can work on the project. The facility of all the laboratories is provided to the principal investigator, co-investigator and researcher. The college provides internet facility which can be used by the researchers. For literature review and reference work, college also provides the facility to access the research journals available in National laboratories. The college also provides all the relevant materials, books, e-Book, CD's and some international journals. The office staff members assist in doing the audit and in submitting the utilization certificate to the funding agencies. Through Information and Library Network (INFLIBNET) Centre institute provides number of journal, e-books, and research papers.

3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

In view of developing research culture and aptitude among the students, the college conducts Paper Presentation Competition. The college also organizes poster and project competition for all courses. These competitions help the students to think beyond their syllabus and inculcate research aptitude in them.

Students are motivated to go for Industrial Visit, Company Visit which is helpful for them to map theoretical concepts into practical implementation with extra knowledge.

The eminent scholars and subject experts are invited to deliver lectures on various research themes carried out at national, international levels and encourage the students to compete global challenges. Various research journals, reference journals and research magazines have been subscribed for the use of the research scholars. Motivation is given to the students and research scholars to attend and present papers in the National / International / University level Seminars and Conferences.

Best Project/Research Paper Presented Awards are given to students to encourage them.

3.1.5 Give details of the faculty involvement in active research (Guiding

student research, leading Research Projects, engaged in individual/collaborative research activity, etc.

Following faculty members are involved in individual research and published research papers in International / National Journals and conferences.

Details of Faculty Guiding Ph. D. and M. Phil. Scholars

<i>Name</i>	<i>Subject</i>	<i>Area</i>
Dr. Arun R. Patil	Chemistry	Ph.D.
Dr. Babasaheb R. Rode	Marathi	M.Phil.

Details of the faculty who has actively involved in research through pursuing M. Phil. or Ph.D. degree:

Name	Qualification	Ph.D./ M.Phil Registration Year	Subject	Area of Research
Dr. Arun R. Patil	Ph.D.	Completed	Chemistry	Lithium Thin Film Battery
Dr. Babasaheb R. Rode	M.Phil. Ph.D.	Completed	Marathi	Translated Autobiography in Marathi and English
Prof. Sudhir D. Chitnis	M.Phil.	Completed	Computer Science	Devnagari Handwritten Character Recognition
Prof. Swati H. Patil	M.Phil.	Completed	Computer Science	Comparative Analysis of Image Segmentation Methods
Prof. Shital Mantri	Ph.D.	Completed	Human Resource Management	Relationship between Job Satisfaction, Organizational Climate, Welfare Facilities, Work Motivation: A comparative study of IT and

				Automobile Industries
Prof. Swati Pariksit Sathye	Ph.D.	Pursuing	Banking and Finance	Analytical Study of Financial Inclusion activities of Commercial Banks in India during 2004-05 to 2013-14.
Prof. Trupti A. Jundale	M.Sc(CS) Ph.D.	Pursuing Jan - 2014	Digital Image Processing	Skew Detection & Correction of Handwritten Devnagari Script
Prof. Ashish Gade	M.Com. M.Phil.	Pursuing Aug – 2015	Informal Sector	A Study of financial literacy among women employee & small scale women enter. Informal sector in Pune city.
Prof. Poonam Jadhav	M.Com, DTL, SET Ph.D.	Applied June – 2016	-	-
Prof. Apeksha Nigade	M.Com. Ph.D.	Applied Aug – 2016	-	-

3.1.6 Give details of workshops/ training programmes/ sensitization programmes conducted / organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.

Following is the list of workshops / training programmes / sensitization programmes conducted/organized by the college.

Conference:

<i>S.N.</i>	<i>Date</i>	<i>Organizing Department</i>	<i>Title</i>	<i>Names Of Eminent Personalities</i>
1	Dec-2014	Commerce	State Level conference on: “Recent trends in E-Commerce for sustainable Business development”	Dr. Sudhakar Jadhavar Dr. Sanjay S. Kaptan Dr. S.S. Mahajan Dr. S. P. Nadgouda Dr. H. D. Thorat
2	Nov-2013	Computer Science	National Level conference on: “Emerging trends in Computer science and Information Technology: Challenges and Opportunities”	Dr. K.C. Mohite Dr. Dileep Malkhede (PhD, IITB) Dr. S. S Mudholkar Dr. S.S. Shirwaikar Dr. S.S. Jambhorkar

Workshop:

<i>S. N.</i>	<i>Date</i>	<i>Organizing Department</i>	<i>Title</i>	<i>Names Of Eminent Personalities</i>
1	8 th to 20 th Sept-2016	VCACS	Basic & Advanced Aptitude	Mr. Santosh Vadak-Patil
2	6 th to 10 th Sept-2016	Computer Science	“Network Security and Ethical Hacking”	Mr. Parth Shukla Mr. Rohit Lamba ATS Infotech Pvt Ltd.
3	15 th & 16 th Jan-2016	VCACS	State Level: “Recent Trends In Advertising Past Present & Future”	Dr. Jamshed Darsha Prof. Rahane Sanjeevani Dr. Kayande Ravinder Mr. Vishal Katore Dr. Thorat Yuvraj
4	Jan - 2016	Computer Science	Cyber Security & Ethical Hacking	Mr. Ankit Saxena
5	18 th & 19 th Dec-2015	VCACS	National Level: “Wireless	Dr. Shaikh Vasi A.E. Mr. Ajinkya Kohokade

			Sensor Network and Robotics Technology”	Mr. Kumbhar .T.R Dr.Neha Deshpande Prof. Bhujbal
6	1 st Sept-2015	Computer Science	Dot Net & MVC Framework	Mrs. Amit Prasad
7	July-2015	VCACS	“Preparation for SET/NET”	Dr. G. S. Rashinkar Prof. Y. M. Mithare
8	Feb-March 2015	Computer Science	Robotics Program- Assemble a Robo using Object Detection	Mr. Kailas Belekar
9	10 th Feb - 2015	Computer Science	Electronic Workshop	Prof. R. Bhujbal
10	Dec-2014	Computer Science	Website development	Mr. Prashant Kumar and Kanishk Kumar
11	1 st Dec-2014	Computer Science	Android Software Training	Mr. Jameer Mulani Project Manager
12		VCACS	Disaster Management	Mr. Mahajan
13	25 th Sept-2014 10 th Oct-2014	Computer Science	Cyber Security and Hacking “Art de Protection”	Mr. Vikrant Chodhary Mr. Anil Raj Cybervault Company
14	17 th Apr-2013	VCACS	“Preparation for SET/NET”	Dr. G. S. Rashinkar

Training Program:

<i>Sr. No.</i>	<i>Date</i>	<i>Organizing Department</i>	<i>Title</i>	<i>Names Of Eminent Personalities</i>
1	14 th Sept-2015	VCACS	Google Apps Utilization	Ms. Revathy Panickar Searce Co-Sourcing Services Pvt. Ltd.
2	26 th Sept-2014	Computer Science	Dot Net Technology & Internship	Mr. Santosh Shah Saitron Infotech CNC Web World Oyster Tech Profound Ltd.
3	Sept-2014	Commerce	Tally Training Course	By Faculties from College of Computer

				Accountant
4	24 th Sept-2014	Computer Science	Networking & CISCO	Mr. Kedarnath Birje NICE Infotech
5	Feb- 2014	VCACS	Jetking NSDC	By Faculties from Jetking
6	12 th to 17 th Jan-2014	Commerce	Tally	Ms. Naik Gauri, Pooja Kapure, Komal Khirid, Pooja Kurwale C.C.A. Pune
7	Dec- 2013 Feb- 2014	VCACS	EduBridge	Mr. Rushikesh Dharmale
8	5 th Oct 2013	Computer Science	Windows RT & Android Application	Mr. Jamir Mulani Ishanaa IT Solutions
9	4 th Oct-2013	Computer Science	Embedded Domain & Durpal	Mr. Yogesh Chavan Red Hat, Pune

Seminar:

<i>S. N.</i>	<i>Date</i>	<i>Organizing Department</i>	<i>Title</i>	<i>Names Of Eminent Personalities</i>
1	27 th Aug-2016	Computer Science	"IOT & Android"	Mr. Farid Shaikh Mr. Yakub Shaikh Vision Foundation Mr. Mohiyuddeen Khan Consultant at Deloitte Mr. Sayad Raes Capgemini
2	12 th Sept-2015	Commerce	Careers in Commerce Field	Dr. Anita Sathe H. V. Desai College Pune. Mr. Anoop Mundada A.B. Mundada & Association
3	23 rd Feb-2015	Commerce	Employment opportunities in Commerce Field	Mr. Avinash Ghoman
4	Feb -2015	VCACS	Woman Empowerment Program	Ms. Vaishali Patil Mr. Ranade Swati Kulkarni Isha Kulkarni Japan Karate Association

5	20 th Aug-2014	Computer Science	Project Development & Placement Guidance	Mrs. Neha Kane. MIT College Pune.
6	19 th Aug-2014	VCACS	Opportunities in Foreign Universities	Mr. Rahul Reddy The Chopras , Shaping Lives & Careers
7	20 th May-2014	VCACS	“Preparation for SET/NET”	Dr. G. S. Rashinkar
8	12 th Sept-2013	VCACS	“Preparation for SET/NET”	Dr. G. S. Rashinkar
9	5 th Sept-2013	VCACS	Basic concept of CA/CS Exam	Prof. Jayshree Vispute F.C College, Pune.
10	3 rd Sept-2013	VCACS	Screen Usage of teenagers- PhD Survey	Prof. Vispute
11	16 th Aug-2013	VCACS	BCUD Project Guidance	Prof. Jayshree Vispute F.C College, Pune.

3.1.7 Provide details of prioritized research areas and the expertise available with the institution.

The college has constituted a Research Committee and an Advisory Committee which provides inputs and expertise to assist the students and faculty members to pursue research. Following areas have been identified as prioritized research areas for pursuing research: Computer Science and Applications, Marketing, Human Resource Management and Finance, Nanotechnology and Language.

Advisory Committee for Research		
Sr. No.	Name	Designation
1.	Dr. Arun R. Patil	Chairman
2.	Dr. Jin Sang Kim KIST South Korea	Member
3.	Dr. D. R. Mane Director of Higher Education, Government of	Member

	Maharashtra.	
4.	Dr. Ramesh Malik Associate Professor, IISC Bangalore	Member
5.	Dr. Wadganokar Prakash Scientist 'F' at National Chemical Laboratory(NCL)	Member
6.	Dr. Badigar Manohar Scientist 'F' at National Chemical Laboratory(NCL)	Member
7.	Dr. Shailesh Kasande Director of VIM	Member
8.	Dr. Sudhakar Jadhavar Dean Commerce Faculty, SPPU.	Member
9.	Dr. Anant Sardesai Director General of MCCIA	Member
10.	Dr. Prashant Kulkarni DIAT, DRDO Pune	Member
11.	Dr. Sanjay Kaptan	Member
12.	Dr. G. S. Rashinkar Prof. At Department of Chemistry, Shivaji University.	Member
13.	Dr. Atul Killedar Manager Chemical Technology at Vishay Components India PVT LTD.	Member
14.	Prof. Sudhir Chitnis HOD, Computer Science, VCACS.	Member

3.1.8 Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?

The college invites experts and eminent personalities to deliver sessions during Seminars / Conferences / Workshops and creates awareness and instills motivation among the students and staff members about conducting research. The college conducts lecture series for various subjects under QIP. In addition, lectures series are also conducted by experts on subjects like English, Mathematics, Statistics and Accountancy by the Students Welfare Unit of the college. The college has conducted Workshops / Training Programmes/

Sensitization Programmes in which a number of eminent researchers have contributed.

Dr. Prakash Wadganokar & Dr. Manohar Badigar, who are an eminent researcher & Scientist F at National Chemical Laboratory are a member of the Institute's Governing Body Both of them not only provide guidance to the institute in developing Research & Academic culture through policy decisions taken at the Governing Body but also interacts with teachers & students.

In the field of education all of the faculty (including Teaching & Non-teaching) & students have to know the updated policies, administrative services and etc. That guidance is given **Dr. D. R. Mane, Director, Directorate- Higher Education, Government of Maharashtra.**

Dr. Prashant Kulkarni from DIAT DRDO- Pune, visited VCACS to interact with students & faculty. He provides the guidance related to the new technology upcoming in Defense Area.

Dr. Atul Killedar, Manager Chemical Technology at Vishay Components India PVT LTD, provides the guidance for how to apply theoretical knowledge practically in Industries, Industrial culture, etc.

3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

Sabbatical leave is granted to faculty for pursuing research. Dr. Arun Patil visited KIST, Seoul South Korea, for research from 1st April 2016 to 31st May 2016 and 2nd to 30th November 2015.

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness / advocating / transfer of relative findings of research of the institution and elsewhere to students and community (lab to land).

The college organizes Intra-collegiate Project Competition, Poster Competition and Paper Presentation Competition annually. The objectives of conducting such events are to inculcate research orientation among students, to create awareness and transfer relative findings of research done elsewhere. Students of the college are also encouraged to participate in various intercollegiate competitions.

Following is the list of research undertaken by the students of the college:

S. N.	Title of Research	Objective of Research	Findings
1	Female Leadership in Modern Indian Organization	To study of Female leadership in primary and	In organization female leadership is less in India as compared to other

		secondary level.	country.
2	Attendance of students	To find Attendance of students in primary, secondary and at college level.	Attendance of students decreases.
3	<i>Electronic Commerce Research and Applications</i>	To create and disseminate enduring knowledge for the fast changing e-Commerce environment.	To the establishment of a research community to create the knowledge, technology, theory, and applications for the development of electronic commerce. This is targeted at the intersection of technological potential and business aims.
4	Health awareness in slum area	To find out the level of awareness among people about their health.	Very low level of awareness; and Health Education is a requirement
5	Drought Affected and Suicide Prone Farmers	To find reasons and Solutions for suicide made by farmer.	To revitalize the agriculture sector and improve the condition of farming community on sustainable basis by increasing investment, improving farm practices, rural infrastructure and delivery of credit, technology and other inputs, extension and marketing among others
6	Migration to Urban Areas	The causes for people to migrate from a rural setting to an urban settings	Migration was mostly driven by economic and employment reasons and also for higher education.
7	Employment opportunities , Career and Guidance in Commerce Research	To give guidance to students for getting various opportunities in commerce field.	This works with the help of knowing the interest of students in various field related to commerce

			background. According to that doing the analysis of it guidance had been given to choose the course for future Research planning in career.
8	Wireless and Sensor Systems	To improve the connection between information systems and the physical world by developing new sensors and new ways to power and communicate with them.	Improvements in a range of fields including communications, energy transmission, medical devices, and robotics. This includes new methods for harvesting power from wireless signals.

3.2 Resource Mobilization for Research

3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.

In financial year 2016-17 college has made the provision of 5% in total budget for research purpose. Under this budget provision, college has conducted National and State Level conferences. We also deputed teachers and students for attending the National and international Seminars, Workshops and Conferences, Avishkar Innovation and other research activities under the budget provision.

	2015-16		2014-15		2013-14		2012-13	
Expenditure Heads	Budget (In.lakhs)	Expenditure Incurred	Budget (In.lakhs)	Expenditure Incurred	Budget (In.lakhs)	Expenditure Incurred	Budget (In.lakhs)	Expenditure Incurred
Library	2.00	6.44	1.30	0.77	1.55	0.92	1.30	0.82
Furniture	20.00	3.13	20.00	7.31	20.00	4.03	14.93	20.79
Laboratory Equipment	3.92	1.97	3.94	3.27	11.09	12.34	10.67	4.45

Teaching Staff & Non-Teaching Staff Salary	131.28	114.85	118.44	110.09	107.40	102.24	95.19	84.53
R & D	11.50	8.04	3.75	2.30	3.00	2.05	2.00	0.27
Administrative Expenses	169.88	150.56	149.13	186.02	115.78	110.34	96.88	96.95
Educational Expenses	42.63	34.02	32.65	16.18	29.28	23.88	24.76	20.28
Total Exp.	381.21	319.01	329.21	325.94	288.1	255.8	245.73	228.09

3.2.2 Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

Yes there is budgetary provision in the form of seed money to the faculty for research.

Sr. No.	Year	Seed Money for Faculty	% of Faculty
1	2012-13	26726/-	50
2	2013-14	130069/-	45
3	2014-15	82818/-	37
4	2015-16	33686/-	35

3.2.3 What are the financial provisions made available to support student research projects by students?

Under the same budgetary provision we are encouraging the students to participate in research activities. College allocates Rs. 50,000/- of their budget towards research projects of students. To support student research projects, critical components, softwares etc. are procured as and when required.

3.2.4 How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.

Inter-disciplinary projects are always encouraged in VCACS through VCACS Research Advisory Board. During the monthly Staff Academy meetings,

discussions are carried out to encourage the staff to pursue interdisciplinary research. Dr. Arun R. Patil , Principal, (Scientific Computing), Prof. Sudhir Chitnis ('Devanagari hand written') Computer Science and Prof. Dr. Babasaheb Rode Anuvadit Marathi Atmcharitra ('Marathi English translation') Commerce, and Prof. Shital Mantri ('Relationship between job satisfaction work motivation welfare facilities, Organization Climate-A Comparative Study between IT industry And Automobile Industry') Prof. Swati Sathye (Analytical Study of Financial Inclusion Activities of Commercial Banks during year 2004-2005 to 2013-14). Prof. Trupti Jundale (Detection and Correction of Skew in Handwritten Devanagari Script). Prof. Swati Patil (Comparative Analysis of Image Segmentation Methods). Prof. Ashish Gade (A study of financial literacy among women employee and small scale women enter. Information sector in Pune city) have been working in the interdisciplinary field for their Ph. D research.

Challenges are faced by the researchers. To solve their technical problems, college offered advance software, books and journals in the college library as the domain subject. We invited experts to guide and inspire for the inter-disciplinary research. We have decided to organize stream-wise regional research conferences entitle 'INNOVATION' at various centers in order to facilitate the interaction among these teacher, evaluate the research work done by the teachers and provide guidance in respective disciplines. Every 3 months we conducted the interdisciplinary activity related to current events (Technical, Social media and Business Management) and all the teachers working on research and other interested teachers will necessarily Participate and present their ideas in Power Point Presentation . The purpose of such an endeavor is to inculcate research environment at college and helps teachers to meet their specific needs which also inspire to all teachers.

3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

For ensuring optimal use of equipments and research facilities of the college like Library, Electronics and Computer Laboratories, the students are informed and motivated to make the most of the facilities provided to them by teachers during lectures. In addition, the library has subscribed to various research journals. The college also provides latest software's and Wi-Fi campus access to the students and staff.

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If 'yes' give details.

The college does not receive any special grants from industry or beneficiary for the above stated purpose.

3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.

Various training programs, seminars are organized on how to write good research proposals. Mentors of the identified thrust research areas provide guidance for writing the research proposal and pursuing the research work. Awareness about various funding agencies is created and information is disseminated to all faculties through meetings and interaction. Institute supports the faculty by providing funds for proposal application fees and necessary travel during the pre-proposal period.

The Advisory Committee and Research Committee brief the staff members about the various research funding agencies. The SPPU invites applications for the Minor research Projects through BCUD

Duration Year From To	Title of the project	Name of the funding agency	Sanctioned (Rs.)	Received (Rs.)
2012-14	Preparation and Characteration of Nanostuctured Materials for Thin Film Lithium Battery	University of pune BCUD Research	200,000	200,000

3.3 Research Facilities

3.3.1 What are the research facilities available to the students and research scholars within the campus?

- The college has well equipped Computer and Electronics Laboratories which are made available to the students. Computer Lab consists of 150+ computers with unlimited Internet access on every computer.
- Various activities under different clubs such as Commerce club, science club, and BBA Clubs are carried out to give the research exposure to the students. Students also refer various journals, reference books and magazines related to their subjects and area of research, which are available in the college library. In this club, Professors give guidance to the students regarding the Research. All final year students are presenting their research paper. The facility of Reading Hall has been provided to the students. We are encouraging our students to appear for

SET and NET examinations, which will help the students to become Asst. Professor and scientist in any research institute respectively.

- We always encourage students to enroll for a research degree Ph. D or M. Phil which will benefit them in getting better employment, promotion, increment in salary etc.
- We arrange guest lecturers' series for students where mentors / experts guide the students about various areas of research.
- We are a young institute and our journey towards the above goal has already started.
- We encourage students & staff of advance level conferences in emerging areas to enable them so they will be aware of current research in respective area through discussion with expert.

No. of Research Guides in the department

Arts	Science
Dr. B. R. Rode	Dr. Arun R. Patil (Principal)

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

- College has constituted a Committee which consists of the Principal and all senior professors. The Research Committee conducts regular meetings, where the research oriented infrastructural requirements like setting up a computer laboratory, installing new and upgraded versions of software and purchasing new electronic instruments are discussed. The Principal forwards the requirements to the management of the college and accordingly separate budgetary provision are made. Keeping in mind the new and emerging areas of research in science, commerce and humanities, necessary software are updated in all the computers to facilitate research.
- The objective of the college is to identify the budding researchers amongst the teachers and students and provide resources as well as seed money. We provide research facilities like Seminars, Workshops etc. where the researchers present their research paper. Every Year College conducts various conferences where we discuss about research project and various research ideas.
- To improve students' research ability, college organizes science exhibition.

- To start research centre in our college, we have planned to submit the application to SPPU.
- Currently college does not have a Research Centre. At present, we are taking help of our sister institutes like VIT, VIM, VMI, VIIT and also SPPU, NCL, Gokhale institutes, Shivaji University, DRDO, IISC, Bangalore, C-MET and Foreign institutes like KIST, South Korea etc.
- In last year there are many journals and magazines are made available in the library for the purpose of providing guidance like business, Money plus, Lifestyle, Governance for Commerce stream, Indian Journal of current technique in computer, Indian Journal of embedded & Microprocessor, Indian Journal of Signal and image processing, Indian Journal of Neural Networks for computer science.

3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities? If 'yes', what are the instruments/facilities created during the last four years.

- The college does not receive any special grant from industry or beneficiary for the above stated purpose.
- For the Academic year 2012 -2014, the special grant has been provided to the Principal Dr. Arun R. Patil under the BCUD project of SPPU for the research.
- The SPPU has given the grant to arrange seminar and workshops in our college.

3.3.4 What are the research facilities made available to the students and research scholars outside the campus/other research laboratories?

- Different research facilities are made available to the students and research scholars outside the campus or other research laboratories of our sister institutes like VIT, VIIT and VIM etc. We also encourage the students to collect information for the project from the different companies, organization, professionals such as Chartered Accountant, Cost Accountant.
- As per the curriculum, students are encouraged to undertake industry projects and work within the facilities of the selected industry/organization. Internships by the students in the form of project and industrial visit provide the required exposure.
- From our college, last year B.Com. students visited 'The Bank of Maharashtra' and 'Canara bank' for research related projects.

- Every year most of the M.Sc. students complete their six-month industry project in reputed companies.
- Every year, B.B.A students are visiting various Industries for their projects.
- Every Year SPPU has been arranging science competitions like 'AVISHKAR'. From our college, teachers and students are participated in 'AVISHKAR' selected for the zonal level. College has paid all the expenditure which is required for participation and in this way students' encourage for research.
- In the year 2013-2014 Hatim Lokhandwala and Khushbu Singh are participated in 'AVISHKAR' got prize in Zonal Level. In same year the Asst. Prof. Deepak Wayal and Asst. Prof. Bhau Lawand and got prize in Zonal Level.
- The SYBBA students Kartik shaha and Dipesh Patel participated in 'AVISHKAR' and they selected for the zonal and runner up in the state level.

3.3.5 Provide details on the library/information resource center or any other facilities available specifically for the researchers?

The college subscribes to research journals and periodicals for the benefit of the staff and students. The internet leased line is provided for easy access and for browsing the e-journals and other teaching materials. All the teachers and students have been provided with Wi-Fi internet access facility. As we take up more and more research projects, we constantly strive towards updating our technology, improving laboratory facilities and thereby enhance research facilities. Right now we have a total of 5927 books relating to following courses which is used for the researchers for their own study. We provide books of compulsory subject to students. Some Online international Research Journals are available for the students in library. In 2015-2016, new journals for computer are subscribed like Indian Journal of Current Technique in Computer, Indian Journal of Embedded & Microprocessor, Indian Journal of Signal and Image Processing, Indian Journal of Neural Networks and for commerce Bank Quest, Chartered Account, CSR, Digit etc. etc. Some magazines are also added like Business, Money Plus, Life Style, Governance.

3.3.6 What are the collaborative research facilities developed/created by the research institutes in the college. For ex. Laboratories, library, instruments, computers, new technology etc.

- A separate computer laboratory having 40 computers with latest configuration and software was established exclusively. This laboratory

is utilized by the staff members for their research work. College collaborates with the various institutes like, Indian institute of Tropical Metrology, Vishwakarma Institute of Management, Vishwakarma Institute of Information Technology Institute, Solapur University Solapur, National Chemical Lab (NCL) Pune, Shivaji University and KIST Seoul South Korea.

- New research ideas are displayed on the notice board which helps students in improving their research ability.

Our Research students are having special study room with personal computer, and internet facility

3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the staff and students

- **Patents obtained and filed (Process and product)**
- **Original research contributing to product improvement**
- **Research studies or surveys benefiting the community or improving the services**
- **Research inputs contributing to new initiatives and social development**

Dr. Arun Patil has obtained Korean Patents in the area of Materials Science on subject 'Lithium Battery' in 2014-15. Faculty members who are pursuing research have published papers in international journals. Research studies or surveys benefiting the community are being carried out by the faculty members in their respective research areas. The faculty members have contributed in research inputs to new initiatives and social development. Looking to the need of the society we should have electronic equipment with high energy, high power, small size and longer life time, such a device has been developed by us.

In these days, world is witnessing paradigm shift with the advent of innovative technique in the field of IT. Various techniques are being developed for the purpose of growth and sustainability of natural assets.

Soft computing, the field of information technology is being widely used for the sustainability of natural assets (i.e. degraded hand – written and printed data) by recognition of data. Several trend in recent years give the impression to suggest that there is possibility of serious deterioration of our natural assets like our literature in Sanskrit, Marathi, etc. These are critically necessary to sustain human societies and economics. In this regards, our faculty Mr. Sudhir Chitnis have tried to explore the use of soft computing and its role and importance in language sustainability.

3.4.2 Does the Institute publish or partner in publication of research journal(s)? If yes, indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

The institute has published a research journal at National level conference on 28th November 2013 having the ISBN No. 978-93-83414-48-2 Composition details of Editorial Board are as follows:

SN.	Activities details	Name of the In-charge
1.	Conference Chairman	Dr. Arun Patil
2.	Conference Convener	Prof. Anjum A. Patel
3.	Conference Secretary	Prof. Sudhir D. Chitnis
4.	Organizing Committee	Dr. Babasaheb R. Rode Prof. Swati Sathye Prof. Renuka Zope Prof. Swati Oza Prof. Kavita Khoje Prof. Vaishali C Kale Prof. Swati H. Pujari Prof. Deepak Wayal Mr. Suresh E. Sase Mr. Santosh Karekar Mr. Milind Kadam
5.	Advisory Committee	Dr. Vilas S. Kharat Dr. Sanjay Kadam Dr. S. C. Shirwaikar Dr. Zameer Ahmed S. Mulla Dr. Urmila Pol Dr. Kavita Oza Prof. Shakila Siddhavatam

The institute has published a research journal at state level conference on 22nd December 2014 having the ISBN No. 978-93-5158-173-4.
Editorial Board is as follows:

SNo.	Activities details	Name of the incharge
1.	Conference Chairman	Dr. Arun Patil
2.	Conference Convener	Dr. B.R. Rode
3.	Conference Secretary	Prof. Anjum A. Patel
4.	Organizing Committee	Prof. Sudhir D. Chitnis Prof. Swati Sathye Prof. Kavita Khoje Prof. Vaishali Kale Prof. Swati H. Patil Mr. Suresh E. Sase Mr. Santosh Karekar Mr. Milind Kadam
5.	Advisory Committee	Dr. Babasaheb Sangale Dr. Y. R. Thorat Dr. M. K. Sanap Dr. S. N. Nannaware Dr. M. G. Mulla Prof. Shakila Siddhavatam

3.4.3 Give details of publications by the faculty and students:

- Publication per faculty
- Number of papers published by faculty and students in peer reviewed journals (national / international)
- Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.)
- Monographs
- Chapter in Books
- Books Edited
- Books with ISBN/ISSN numbers with details of publishers
- Citation Index
- SNIP
- SJR
- Impact factor
- h-index

❖ Publication per faculty

There are large number of papers published by faculty members in different conferences and seminar proceedings whose details are as follows:

Name of the researcher: **Dr. Arun R Patil**

Sr. No.	Title of the paper published in national / international journal /	Name of the Journal / Conference	Published Year	Volume	Issues	Pages	Citation Index	Impact factor	ISBN/ISSN numbers
1	Solid Electrolytes for Rechargeable Thin Film Lithium Batteries: A Review	Journal of Nanoscience and Nanotechnology							ISSN: 1533-4880 (Print); EISSN: 1533-4899 (Online)
2	Effect of Amount of Aluminum on the Performance of Si-Al Codeposited Anodes for Lithium Batteries	Journal of Nanoscience and Nanotechnology	2015	15	11	8912-8916	-	1.56	
3	Structural and electrical properties of NASICON type solid electrolyte nanoscaled glass-ceramic powder by mechanical milling for thin film batteries	Journal of Nanoscience and Nanotechnology	2013	13	5	3665-3668	1	-	

4	Structural, Composition al and electrochemical properties of Aluminum-Silicon-Chromium alloy thin film as anode for thin film battery	Journal of Electrical and Electronics Engineering	2013	6	-	-	-	-	ISSN: 2320-3331
5	Synthesis and characterization of LiCoO ₂ thin films prepared by the Sol- gel method	Solid State Science	2011	13	6	1232-1234	-	1.54	
6	Structural and Electrochemical Properties of Nichrome Anode Thin Films for Lithium Battery	Journal of Electroceramics	2009	23	2-4	230-235	1	1.74	
7	Issue and Challenges Facing Rechargeable Thin Film Lithium Batteries	Material Research Bulletin	2008	43	8	1913-1942	377	2.29	
8	Preparation and	Surface Engineering	2007	23	1	28-31	4	1.2	

	characterisation of chemically deposited mixed (Bi _{1-2x} Sb _x) ₂ S ₃ thin films								
9	Chemical compositional analysis of semiconducting bismuth sulphoselenide thin films	Thin Solid Films	2002	414	2	155-162	9	1.76	
10	A study of Bismuth Sulphoselenide thin films: growth from the solution and properties	Material Chemistry and Physics	2000	65	3	266-274	10	2.26	
11	Structural and Electrical Properties of NASICON Type solid Electrolyte Nanoscaled Glass-Ceramic Powder by Mechanical Milling for thin film	Journal of Nanoscience and Nanotechnology	2013	XI II	-	-	-	-	3665-3668
12	Structural, compositional and electrochemical properties	IOSR Journal of Electrical and Electronics	2013	VI	5	38-42	-	-	e-ISSN: 2278-1676, p-ISSN: 2320-

	of nanocrystalline Si- Cr alloy anodes for thin film battery	Engineering							3331
13	Nanotechnology: Advancing Technology in Medical Science	International Journal of Advances in Management Technology and Engineering Science	2012	II	-	3	-	-	ISSN 0974-0678(2010) 162
14	Fabrication and characterisation of LiCoO ₂ thin film cathode for rechargeable lithium battery	Bionano Frontier	2010	-	-	-	-	-	ISSN 0974-0678(2010) 75
15	Synthesis and Characterization of lithium cobalt oxide thin films by sol gel method	Bionano Frontier	2010	-	-	-	-	-	ISSN:2249-7455

Title of the paper published in Conference

Sr. No.	Title of the paper published in Conference	Name of the Conference	Published Year
1	Solid-State and Integrated Circuit (Invitation Speech)	The 2nd International Conference on Solid-State	2014

		and Integrated Circuit (ICSIC-2014), Seoul, South Korea	
2	Strengthening Today, Building Tomorrow (Invitation Speech)	National Conference on "Strengthening Today, Building Tomorrow"	2011
3	Future Energy (Invitation Speech)	National Conference on "Strengthening Today, Building Tomorrow"	2011
4	Advancements in Nano-Science for Different Technologies (Invitation Speech)	National Conference on Advancements in Nano-Science for Different Technologies	2010
5	Oral Presentation	International Conference on Nanomaterials and Applications - 2008 (ICNAMA-2008)	2008
6	1) Structural and electrochemical properties of nichrome anode thin film for lithium battery. 2) LiCoO ₂ thin film cathode grown by sol gel method.	International Symposium on Electroceramics, KIST, Seoul, Korea	2007
7	Structural and electrical Properties of solid electrolyte Li ₂ O - Al ₂ O ₃ - TiO ₂ - P ₂ O ₅ nanoscaled glass ceramics for thin film battery	14th International Symposium on Intercalation Compounds KIST, Seoul, Korea	2007
8	Oral Presentation	IEEE Nanotechnology Materials and Devices Conference. (IEEE NMD 2006)	2006
9	Structural and compositional characteristics of nanocrystalline Nichrome thin film as anode for lithium battery	Nanotechnology Materials and Devices Conference	2006
10	Preparation, growth Mechanism and chemical compositional analysis of nanocrystalline [S _{1-x} Se _x] ₃ Thin films using Arrested Precipitation	Nanotechnology Materials and Devices Conference	2006

	Technique (ATP)		
11	Physics of Semiconductor Devices Iwpsd-2003	Proceeding	2004
12	Preparation, growth Mechanism and chemical compositional analysis of nanocrystalline [S _{1-x} Se _x] ₃ Thin films using Arrested Precipitation Technique (ATP)	Proceeding Spie The International Society for Optical Engg-2	2002
13	Preparation and characterization of chemically deposited mixed Bismuth	SPIE proceeding series	2000
14	Recent Trends in Material Science (Invitation Speech)	National Seminar on Recent Trends in Material Science	1999

Name of the researcher: **Dr. Babasaheb R. Rode**

Sr. No.	Title of the paper published in national / international journal / Conference	Name of the Journal / Conference	Published Year	Volume	Issues	Pages	Citation Index	Impact factor	ISBN/ISSN numbers
1	Mahatma Gandhijinche Sahittik Yogdan (महात्मा गांधींचे साहित्यिक योगदान)	National conference organized by Shri Siddhivinayak Mahila Mahavidyalaya	2016	-	-	-	-	-	-

2	Anuvadit Marathi Atmcharitrache Anuvad Koushalya (अनुवादित मराठी आत्मचरित्राचे अनुवाद कौशल्य)	State Level Seminar organized by Shri Shahu Mandir Mahavidyalaya , Pune	2016	-	-	-	-	-	-
3	Dalit Sahitya: Prashna Aani Samsya (दलित साहित्य: प्रश्न आणि समस्या)	International Conference on Minority Discourses: Multidisciplinary Approaches	2013	-	-	-	-	-	ISSN: 978-81-923922-7
4	Aatmcharitratil Stree Aatmavishkar : Bhashashali (आत्मचरित्रातील स्त्री आत्माविश्कार : भाषाशैली)	National Conference on Aatmcharitratil Stree Sanvedana (2013), Shri Shahu Mandir Mahavidyalaya , Pune,	2013	-	-	6	-	-	ISBN: 978-81-923922-2-6

Name of the researcher: **Mr.Sudhir Devidas Chitnis**

Sr. No.	Title of the paper published in national / international journal / Conference	Name of the Journal / Conference	Published Year	Volume	Issues	Pages	Citation Index	Impact factor	ISBN/ISSN numbers
1	An Investigative Study for Smart Home Security : Issues, Challenges	Wireless Sensor Network, SCIRP Journal	2016	-	-	-	-	-	ISSN 1945 - 3086

	and Countermeasures								
2	Use of Soft Computing : An Innovative Technique For Sustainability	International Conference on Trade, Markets and Sustainability (22-23 Feb 2013) Symbiosis Institute Of International Business (SIIB) ,Symbiosis , International University (SIU),Pune, India	2013	-	-	-	-	-	-
3	An Approach for Devnagari HCR using HMM and Fuzzy ARTMAP	International Journal of Computer Application (Dec - 2012) Foundation of Computer Science. New York, USA	2012	-	-	-	-	-	ISSN No: 0975-8887
4	An approach for Devnagari Handwritten Alpha-numeric Character recognition using Fuzzy ARTMAP	International Publication on IJAMTES (2012) Pune, India	2012	-	-	-	-	-	ISSN No: 2249-7455
5	The Use Of Fuzzy Back Propagation Neural Network For Recognition DH alpha numerals	National Publication on Emerging Trends in Computer Science and IT(Nov 2013) Pune, India		-	-	-	-	-	ISBN: - 978-93-83414-48-2
6	Handwritten Devanagari Character Recognition using Artificial Neural Network	International Publication on Science Alert (2011) Singapore	2011	-	-	-	-	-	ISSN No: 1994-5450

Name of the researcher: **Mrs. Anjum A Patel**

S.N.	Title of the paper published in national / international journal / Conference	Name of the Journal / Conference	Published Year	Volume	Issues	Pages	Citation Index	Impact factor	ISBN/ISSN numbers
1	Stress Management: An effective approach for success with special reference to IT Industries.	NATIONAL CONFERENCE on Emerging trends in Business Paradigm	2016	-	-	22 - 23	-	-	ISBN : 978-93-5158-594-7
2	Study Of Marketing Strategies With Pay Per Click Advertising	State level conference on Recent Trends In Ecommerce For Sustainable Business Development.(22 -23 December 2014)	2014	-	-	-	-	-	ISBN -978-93-5158-173-4.
3	Implementation of measures of software project planning	National Conference on Challenging Research Areas in Computer Science and Information Technology at abeda inamdar college pune	2014	-	-	-	-	-	ISBN -978-93-83777-00-6
4	Ecommerce In Trading	National Conference on "Emerging trends in Computer Science And Information Technology: Challenges And Opportunities"(28-29 Nov 2013)	2013	-	-	-	-	-	ISBN -978-93-83414-48-2
5	Implementation of relationship between software planning and project success	National conference on Emerging trends in computer science: challenges and opportunities	2013	-	-	-	-	-	ISBN -978-93-83414-48-2
6	Effectiveness Of Object Oriented	International conference on Recent Trends in	2012	-	-	-	-	-	

	Metrics Over Traditional Software Metrics In Software Metrics in Software Project Management	Commerce, Engineering, Technology and Social Sciences, 2012							
7	Cyber Crime And It's Security	International Conference On Technology And Business Innovation (30-31 Oct 2012)	2012	-	-	-	-	-	ISBN -978-3-659-27554-8
8	Research Methodology	International Interdisciplinary Research conference , Shirdi	2012	-	-	-	-	-	ISSN -2249-7463
9	Risk Analysis in Project Management	International conference 3rd international research symposium on management technology and engineering sciences(IRSMTES2012)	2012	-	-	-	-	-	ISSN :2249-7455
10	Implementation of total quality managementIn software Development	nd International Conference on Recent Trends in Information Technology and Computer Science (ICRTITCS-2012) in association with University of Mumbai, Computer Society of India (CSI) and International Journal of Computer Applications (IJCA),USA	2012	-	-	-	-	-	ISBN 978-81-922978-2-8, Dec-2012.

Name of the researcher: **Mrs. Vaishali Kale**

Sr. No.	Title of the paper published in national / international journal / Conference	Name of the Journal / Conference	Published Year	Volume	Issues	Pages	Citation Index	Impact factor	ISBN/ISSN Numbers
1	Stress Management: An effective approach for success with special reference to IT Industries.	NATIONAL CONFERENCE on Emerging trends in Business Paradigm	2016	-	-	22 - 23	-	-	ISBN: 978-93-5158-594-7
2	Study Of Marketing Strategies With Pay Per Click Advertising	State level conference on Recent Trends In Ecommerce For Sustainable Business Development.(22 -23 December 2014)	2014	-	-	-	-	-	ISBN-978-93-5158-173-4.
3	Ecommerce In Trading	National Conference on "Emerging trends in Computer Science And Information Technology: Challenges And Opportunities"(28-29 Nov 2013)	2013	-	-	-	-	-	ISBN-978-93-83414-48-2
4	Cyber Crime And It's Security	International Conference On Technology And Business Innovation (30-31 Oct 2012)	2012	-	-	-	-	-	ISBN-978-3-659-27554-8
5	Effectiveness Of Object Oriented Metrics Over Traditional Software Metrics In Software Metrics in Software Project Management	International conference on Recent Trends in Commerce, Engineering, Technology and Social Sciences, 2012	2012	-	-	-	-	-	

Name of the researcher: **Mrs. Swati Patil**

Sr. No.	Title of the paper published in national / international journal / Conference	Name of the Journal / Conference	Published Year	Volume	Issues	Pages	Citation Index	Impact factor	ISBN/ISSN Numbers
1	Comparative Analysis of Image Segmentation Methods	Emerging Trends in Computer Science and Information Technology: Challenges and Opportunities	2013	-	-	-	-	-	ISBN : 978-93-83414-48-2

Name of the researcher: **Mrs. Shital Mantri**

Sr. No.	Title of the paper published in national / international journal / Conference	Name of the Journal / Conference	Published Year	Volume	Issues	Pages	Citation Index	Impact factor	ISBN/ISSN Numbers
1	Stress Management: An effective approach for success with special reference to IT Industries.	NATIONAL CONFERENCE on Emerging trends in Business Paradigm	2016	-	-	22 - 23	-	-	ISBN: 978-93-5158-594-7
2	Job satisfaction: A comparative study between Information Technology industry and Automobile industry.	International Journal of Advanced Research in Management and Social Sciences	-	-	-	-	-	-	ISSN 2278 – 6236
3	Green Computing: A Way Ahead	Issues in Implementation of E-Governance	-	-	-	-	-	-	ISBN 978-93-83414-48-2
4	Self Service Banking: A Redefined Marketing	The SMAC Code – Embracing Technologies for	-	-	-	-	-	-	ISBN:978-81-

Model for Competitive Advantage	Future							920768-8-1
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Name of the researcher: **Mrs. Swati Sathye**

Sr. No.	Title of the paper published in national / international journal / Conference	Name of the Journal / Conference	Published Year	Volume	Issues	Pages	Citation Index	Impact factor	ISBN/ISSN Numbers
1	A Study of Financial Literacy in India-Need and Measures	“Research Horizon” Success Publication edition in May 2016	2016	-	-	-	-	-	ISBN: 978-93-5158-544-2
2	Study Of Financial Performance Of Public Sector Banks, Private Sector Banks And Foreign Banks In The Era Of E-Banking	State level conference on Recent Trends In Ecommerce For Sustainable Business Development.(22 -23 December 2014)	2014	-	-	-	-	-	ISBN-978-93-5158-173-4.
3	Role Of E-Governance In Higher Education	National Conference on “Emerging trends in Computer Science And Information Technology: Challenges And Opportunities”(28-29 Nov 2013)	2013	-	-	-	-	-	ISBN-978-93-83414-48-2

Name of the researcher: **Ms. T. A. Jundale**

Sr. No.	Title of the paper published in national / international journal / Conference	Name of the Journal / Conference	Published Year	Volume	Issues	Pages	Citation Index	Impact factor	ISBN/ISSN numbers
1	Skew detection and	Inderscience	April	-	-	-	-	-	Not

	Correction of Devanagari Script Document Using Bisection Method	Journals, National conference on Recent Trends in Image Processing and Pattern Recognition	2016						yet received
2	Skew Correction of Handwritten Devanagari Script Using Pixels of Axis-Parallel Rectangle and Linear Regression	IEEE, International Conference on Energy, Systems & Applications (ICESA)	July 2016	-	-	-	-	-	ISBN: 978-1-4673-6817-9
3	Research Survey on Skew Detection of Devanagari Script	International Journal of Computer Applications, National Conference on Knowledge, Innovation in Technology and Engineering(NCKI TE-2015)	Feb 2016	-	-	41-44	-	4.43	ISSN: 2319-7064
4	Skew detection and correction of handwritten Devanagari script using Hough Transform	Journal of Elsevier, International Conference on Advanced Computing Technologies and Applications	2015	45	-	305-311			ISSN: 1877-0509

Name of the researcher: **Mrs. Pranjali N. Kubde**

Sr. No.	Title of the paper published in national / international journal / Conference	Name of the Journal / Conference	Published Year	Volume	Issues	Pages	Citation Index	Impact factor	ISBN/ISSN numbers
1	Performance analysis	IORD Journal of	Feb	2	2	15-	-	1.719	E-

	of data Clusterization & Classification Using Hybrid Algorithm: A Review	Science & Technology	2015			18			ISSN: 2348-0831
2	Improving the Clusterization & Classification of Data Using SVM and Feature Selection	IORJ Journal of Science & Technology	Aug 2015	2	5	23-29	-	1.719	E-ISSN: 2348-0831

Name of the researcher: **Ms. Sunila Shitware**

Sr. No.	Title of the paper published in national / international journal / Conference	Name of the Journal / Conference	Published Year	Volume	Issues	Pages	Citation Index	Impact factor	ISBN/ISSN numbers
1	Data Warehouse with Data Integration: Problems and Solution	IOSR Journal of Computer Engineering (IOSR-JCE)	-	-	-	67-71	-	-	e-ISSN : 2278-0661, p-ISSN : 2278-8727

❖ Number of papers published by faculty and students in peer reviewed journals (national / international)

Name of the Faculty	No. of Publication	International (Journal/ Proceeding)	National	State Level
Dr. A. R. Patil.	43	38	5	
Dr. B. R. Rode	4	1	2	1
Mr. S.D. Chitnis.	6	5	1	
Mrs. A. A. Patel	10	5	4	1
Mrs. S. H. Patil	1		1	
Mrs. V. C. Kale	4	1	2	1
Mrs.S. Mantri	4	1	3	
Ms. T. A. Jundale	4	4	0	0
Ms. Pranjali Kubde	2	2	0	0
Ms. Sunila Shitware	1	1	0	0

Sr. No.	Name	Chapter in Books	Books with ISBN/ISSN numbers with details of publishers
1	Dr. B.R.Rode	Contributed as author in writing of book title - Vyavaharik Upyojit Marathi Va Prasarmadhyamanchi Karyshaily	ISBN – 978-81-8483-548-9 (Diamond Publisher)
2	Mrs. Swati P. Sathye	12 Chapters - Contributed as author in writing of text books as per university curriculum for BCOM and MCOM course	Idol Publication
3	Mrs. Anjum A Patel	12 Chapters - Contributed as author in writing and Editing of text books as per university curriculum for BCA course	ISBN:978-93-5077-775-6 ISBN: 978-93-5224-111-8 (TechMax)

3.4.4 Provide details (if any) of

- Research awards received by the faculty
- Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally
- Incentives given to faculty for receiving state, national and international recognitions for research contributions.
- Research awards received by the faculty

SN	Name of Faculty	Award	Organization
1	Mr. S.D. Chitnis	“The use of Fuzzy Back propagation Neural Network for recognition DH alpha numerals” Best Paper Award	National conference at VCACS, Pune.
		“An approach for Devanagari HCR using HMM and Fuzzy ARTMAP” Best Paper Award	International conference held in Thakur College, Mumbai
2	Mrs. A. A. Patel	Best Paper Award	Abeda Inamdar International conference 2012

- **Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally**

Following Recognition details of the faculty

- Prof. Dr. B. R. Rode got recognition as a Post Graduate Teacher and M. Phil. Guiding and Teaching (By Paper) of this Savitribai Phule Pune University.
- Prof. S. D. Chitnis got recognition as a Post Graduate Teacher.
- **Incentives given to faculty for receiving state, national and international recognitions for research contributions.**

In addition to TA and DA, wide publicity is also given among the campus community through announcement, Website, Social Media and also News Letters.

3.5 Consultancy

3.5.1 Give details of the systems and strategies for establishing institute-industry interface?

The college has a systematic approach in place to support the Institute-Industry Interface. The Academic Calendar is designed to establish and strengthen academy-industry interface. Following are the strategies adopted for the purpose:

- Interaction and support from industry in terms of projects, availing experts for Seminars, Guest lectures (Avishkar Competition) and Workshops.
- Arranging industrial visits to update about the new technologies/trends, field work, river side mount ranges and system of bio diversity (Ex. Western Ghat).
- Inviting experts to guide students through different committees like Vocational Guidance Cell, Placement Cell, SSDP, and Students Welfare Unit of the college.
- Inviting mentors for faculty members to have updated knowledge of industry applications related to the topics taught.
- In addition, the college has constituted an Advisory Committee comprising academicians and industrialists. The primary objective of the committee is to bridge the gap between industry and academia.
- The industry institute interface is also established through deliberations in the industry advisory board (IAB) of each department. IAB consists of industry personnel and senior faculty of the institute.

- Every year the HR personnel from different industries are invited to attend a one day workshop & issues related to the employability of the students are discussed.
- The institute has established Entrepreneurship Development Cell (EDC). Every year a two day national convention 'Vishwapreneur' is organized for the students and successful entrepreneurs are invited to guide them for developing entrepreneurship skills. Throughout the year, different programs like visits to industry, business plan completions are carried out to expose the students to the industrial environment.

3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

The college publicizes the expertise for consultancy service mouth-to-mouth through students, alumni, NSS camp etc.

To promote consultancy, the stated policy of the institution ensures that the benefits of the knowhow, skills/expertise and exceptional gifts of the faculty reach the maximum numbers, irrespective of creed, region or nationality to local schools, colleges, university, Govt. agencies, NGOs, neighboring villages, institutions for disadvantaged sectors of the society, national level institutes. Mostly the services are rendered without the expectation of any remuneration. The funds raised through consultancy services are used for student welfare, human development, educational development and social welfare.

3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

The college encourages the staff to utilize their expertise in consultancy by appreciating the concerned staff members during the Annual Prize Distribution ceremony of the college. Faculty members are also allowed to use necessary infrastructural facilities from the college for the consultancy purposes.

The institution encourages the staff to utilize their expertise and available facilities for consultancy services by taking the following initiatives:

- Awards to the faculty
- Recognition to consultancy services of the staff through its publications like the Prospectus, Annual Report
- Incentives such as Duty Leave to faculty for their contributions in consultancy services

- By paying the teachers in ratio of 70-30 for the consultancy provided by the teachers in coaching classes in Physical education , Computer Literacy, Personality Development, Communication Skills and Preparation for Bank Exams.
- Faculties have conducted lectures at Khed College and at Hirwal education trust Mahad. Total lectures conducted by all staff of VCACS are as follows:

S.N.	Academic Year	Sem	Lecture Hrs
1	2010-11	I	238
		II	279
2	2011-12	I	121
		II	162
3	2012-13	I	108
		II	65
4	2013-14	I	21
		II	58
5	2014-15	I	-
		II	-
6	2015-16	I	50.25
		II	31

3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.

- Faculty members readily provide their consultancy service to the nearby schools in imparting basic science courses, guidelines for competitive exams, CET entrance exam, MBA Entrance Exam, arrange NET or SET workshop, computer skills, spoken English and Hindi.
- Science and Commerce faculty personally provided guidelines to Other Institutions and Social Institute.

List of consultancy:

1. Hirwal Education Trust, Mahad
2. Vishwakarma Maritime Institute,Pune

Year	Name of Consultancy	Amount Generated
2012-13	Hirwal Education Trust, Mahad	301,275.00
2013-14		383,100.00
2014-15		360,000.00
2015-16		387,690.00
2012-13	Vishwakarma Maritime Institute	13,500.00
2012-13	Vishwakarma Institute of Technology	50,050.00
2013-14		12,800.00

3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

The consultancy provided by the teachers is paid in ratio of 70-30. The institution utilizes the revenue for the benefit of the students under development activities.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the institution promote institution-neighborhood-community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

Our Institution promotes institution-neighbourhood- community network and student engagement, contributing to good citizenship, service orientation and holistic development of students in following ways:-

- As per the Central Government provision, the college has NSS unit of 100 volunteers which organizes different social activities throughout the year.
- Seven-days residential camp in an adopted village near the college is organized for spreading awareness about the importance of education, construction of small dams, roads, blood donation camp, survey is also conducted for better crops production and to know about adult literacy percentage in the village and also for their safe health hygiene and to create awareness about cleanliness. Students also help in play ground leveling in Zilla Parishad School to create better healthy environment.
- Volunteering during Ganesh festival, Navratra Utsav etc. - Volunteers are awarded 'Police Mitra Certificate' every year for their excellent contributions towards maintaining the discipline and providing basic first aid as and when required.
- Volunteers and NSS Programme Officer participate in the 'Sadbhavana Rally' organized by Gandhi Bhavan, Pune on 2nd October every year.
- To commemorate the birth anniversary of Swami Vivekananda, several programmes are conducted by observing 'Yuva Saptah' from 12th to 18th January every year.
- Blood Donation Camp, organized in association with Anand-rishi blood bank, Sasoon Blood Bank, Sahyadri Blood Bank, and this camp has become one of the best practices of the college.
- Seminars are conducted on issues like – green technology, drastic changes in Climate, Environmental education, Global warming etc. Lectures arranged on topics like Importance of women education, Adult

literacy, Awareness about health for children, men and women, social awareness in rural area. We make the students aware about the team work, their moral responsibility towards society.

- During NSS camp, our institution has organized eight days workshop on Computer literacy for the villagers to help them to know about basics of IT and communication technology.
- Apart from these, there is a compulsory paper of Environmental Science to the students at U.G. level to make them aware about hazardous effects made to environment by human beings. This paper is compulsory for all the students.
- The college regularly organizes lectures on women empowerment, female foeticide, woman hygiene, child protection against diseases and child nutrition, social awareness in the college.
- The Management too has supported the cause of the women education thereby offering free books and concession to the students. This helps to spread a message that 'both boy and girl child are equal'.
- College celebrates every year 'Environment day' on 5th June with the support of the staff and students from all departments. One of our faculty members delivers lecture and for promotion of environment trees are planted in college campus to make eco-friendly campus.
- The changing national and global trends demand the human resources well-versed with the knowledge of ICT. In the knowledge driven society the globalization demands modification of values which are to be incorporated in the courses. These things have put forward through the staff members and office staff. Awareness about green technology is been developed among students by faculties in the college.
- N.S.S. organizes lecture on measures to avoid diseases caused due to mosquitoes like Malaria, Dengue, etc.
- To develop youth leadership qualities, we are encouraging our students to participate in various activities organized by 'Chhatra Sansad', 'Hirwal foundation', 'Sassoon Hospital' etc.
- 'World Aids day' is celebrated to create awareness for sex disease transmitted through society and to remain alert and work for this noble cause. Aids affected persons are part of society and should not be discriminated.
- Under the cultural Committee, the college conducts an intercollegiate event called as 'Yuva Saptah', which has various competitions like Quiz, Street play, group dance, solo dance and photography. Through these competitions students are able to develop their communication and organization, Event Management, Marketing and leadership skills.
- Every year, the college conduct Soft Skill Development Program for

students to sharpen their soft skills. From the academic year 2014-15, this facility has been extended to all First Year students of the college. In addition to this, the college in collaboration with the SPPU organizes various student centric programs like Earn and Learn Scheme, Special Guidance Scheme, Women's Personality Development Program. The Placement Cell and the Vocational Guidance Cell of the college help students to be aware of various opportunities in their respective fields.

- The college cultural committee also organizes a cultural week once in a year which includes Tie Day, Sari Day, Traditional Day, Collage Day, Miss-Match Day, Poster Making, Advt. making, Rangoli and Mehendi competition etc. During this week students represents the culture of other states and countries by wearing the uniforms of different states like Gujarat, Rajasthan, Jammu Kashmir, Nepal, Afghanistan, Srilanka, Iran, Cambodia etc., which helps to inculcate social brotherhood values in the students.
- For the clean and healthy India a movement called as 'Samarth Bharat Abhiyaan' has been running by college to make students aware about the clean and healthy environment.
- College has organized 'Fire Brigade Demonstration' for Faculty members, students and nearby societies as awareness of disaster management. Our students are also participated in several such types of activities organized by other colleges.
- College also organizes a Career Guidance forum for XI and XII std. students, which helps them to pursue appropriate Career.
- From last two years we are deputing to our students in 'Clean River Mission' organized by SPPU and Pune Municipal Corporation.
- During NSS camp, our institution has organized lecture on 'Importance and Donation of organs', for the villagers to make them aware about the need to donate the organs such as heart, eye, lungs for the man kind.
- Another activity during NSS camp was carried out about cleanliness for individuals as well as for society and country. This activity was known as 'Swachha Bharat Abhiyaan'.

3.6.2 What is the Institutional mechanism to track students' involvement in various social movements / activities which promote citizenship roles?

- The college students involve themselves in the social activities primarily through NSS unit. The college tracks student's involvement in various social activities by maintaining proper record of their involvement in the form of attendance, wherever applicable and collecting feedback or

report from the concerned students. Apart from tracking their involvement, the college also acknowledges their involvement by awarding them with certificates, displaying their names and activities on the notice boards.

- Our N.S.S. committee consists of senior teachers, both male and female which help students to involve them in various social activities and help them to nurture their hidden talent.
- Our staff encourages students to actively participate in Blood donation camps organized by various social organizations.
- Teachers along with students participate in the N.S.S. camp, which is held once in a year for seven days which helps to track students to know their hidden qualities and explore them.
- N.S.S. volunteers stage cultural programmes for the local community at the time of annual camp as well as organize street plays for women empowerment. Our N.S.S. committee has representatives of students and a student leader who coordinates the activities and actively participates for the social cause.
- All committees/associations, other than N.S.S like 'Woman Development Cell', 'Student Welfare Cell', etc. are also involved in extension activities, consisting of staff as well as students representatives. These committees help students to explore imaginative powers of students.
- During 1st Aug 2015 to 31st Aug 2015 under 'ROAD SAFETY ABHIYAAN', Essay Competition is organized and prizes are distributed to winners. The lectures are organized by experts regarding Traffic Rules.
- 'People Awareness and Preventive Measures' week is organized from 27th Sept. 2015 to 1st Oct 2015. During this week, students take oath for being a good citizen and to 'Say No to Corruption'. As well as group Discussion on National Peace and 'VASUDHAIRVA KUTUMBKAM' was arranged.
- Our students are participated during Lok Sabha, Vidhan Sabha and Local body Elections for smooth and disciplined voting nearby polling booth. Also college is organizing various voting Awareness activities (ex. Essay competitions, slogan competitions, Expert Lecture)
- Every Year, On 2nd Oct 2015 on the Eve of Mahatma Gandhi Jayanti, 'CLEAN INDIA MOVEMENT' was undertaken.
- These committees do their planning for extension activities at the beginning of the academic year and accordingly carry out various programmes in disciplined manner.

- 'SWACHHA BHARAT ABHIYAAN' movement was launched by the college. The villagers as well as students were made aware about the importance of cleanliness in life. Student as well as villagers jointly participated actively in Swachha Bharat Abhiyaan in the following ways
 - Public streets, common places like Temple, Garden, Bus Stand , Railway Stations were cleaned by students and villagers also participated in this movement. School campus was cleaned by the students. Lecture was arranged for highlighting the importance of cleanliness in the life. Villagers and students were made aware about the various diseases caused to human beings due to not maintaining cleanliness. About 100+ Villagers were benefited by this cleanliness movement.
 - Villagers were motivated to construct toilets in their own house. They were made aware about the government schemes provided for construction of toilets. About 50 villagers were made aware about the drastic effects of not constructing toilets in their own house.
 - Villagers were guided for soil testing and also the crop to be taken by them. Depending upon soil texture villagers were guided to take the crop and maintain it.
 - Rain water harvesting and its importance were effectively explained to the villagers so as to save water as well as utilize it smoothly.
- College conducted a 'SCHOOL DROPOUT SURVEY' around Kondhwa(Bk.) and Khadimashin slum area for workers and labourers living there and found that their children's were not attending school due to the heavy work of their parents. Almost such 17 children's data was collected and submitted to near by Zillaparishad Primary school in Kondhwa area to encourage needy children.

● **Education & Health Awareness / Camps Programme / Organization Activities Details :-**

Activity	Activity Organized	No. of NSS Volunteers involved			No.of Beneficiaries / Output
		Male	Female	Total	
Road Safety Campaign	24/09/2015 to 30/09/2015	50	40	90	450
Pulse Polio Immunization	17/01/2016	25	13	38	Beneficiaries-150
School Dropout Survey conducted	15/01/2016 to 31/01/2016	40	25	65	17

Disaster Management Training	24/02/2016	35	30	65	530
Yoga Training / Demonstration	21/06/2016	110	80	190	190
Van Mahotsav	01/07/2016 to 07/07/2016	73	45	118	150
Self Defence Training for Girls	27/07/2016	-	117	117	117
Swachha Bharat Abhiyaan	01/08/2016 to 15/08/2016	50	40	90	Cleaning of School, Colleges, Hospital, Public Statue, Street.
'Shramdan' Programme	03/08/2016 12/08/2016	55 50	42 43	97 93	250
Defecation Free Campaign : Motivation resulting into construction of Toilets/ activity for construction of toilet	04/08/2016	35	30	65	No. of toilets or pits – 17 No. of Villages made defecation free – 0 Beneficiaries – 50
Farmer Centric / Agriculture based activity like organic farming any demonstration / training	04/08/2016	30	25	55	Beneficiaries-150
Farmer Accounting	05/08/2016	17	13	30	210
Programmes on Conservation of water/ Water Harvesting / Watershed development	09/08/2016	15	7	22	No of Water bodies/ conservation structure – 03 Beneficiaries – 17

Health Check-up	20/08/2016	72	58	130	Beneficiaries- 616
Skill Development Training	23/08/2016	50	40	90	305
Beti Bachao-Beti Padhao Abhiyaan	06/09/2016	52	65	117	-

3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

The institution always solicits the stakeholders like the students, parents, Alumni and the eminent persons from the society to perception on the overall performance and the quality of the institution.

- The college solicits stakeholder perception on the overall performance and quality of the institution through various meetings and feedbacks.
- The Parent-Teacher Meeting is organized in the college once in a year. The objective of such meetings helps students to improve their performance and academic suggestions are also taken by the parents, which in turn contributes to the quality and overall performance of the college.
- Parents help their ward to take proper education in established, well reputed Institute which will help to build his ward career. They think that good technical skills from the college can be inculcated in wards mind.
- Alumni are the future investment of the college which leads to the wide publicity and Alumni is one of the factors that decides the reputation of the Institute and always acts as a solid support for youth.
- The Alumni Meeting is organized every year by the Alumni Association Committee of the college. The alumni also share their knowledge and experience about the current trends in the corporate world and help the present students develop their skills.
- Feedbacks are received after conduction of Guest Lectures, Meetings, Campus Drives, Seminars, Workshops and Conferences etc. to assist the college in soliciting stakeholder's perception on the performance and quality of the college. Feedback of the students helps the college to improve infrastructural facilities and teaching methodologies.
- Students are the backbone of the college, and their performance leads to improvement of college standard. The facilities provided by the college to the students appeal them for proper educational environment which leads to student's individual growth as well as the growth of the institution.

3.6.4 How does the institution plan and organize its extension and outreach programmes? Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.

- The college plans and organizes its extension and outreach programmes through the NSS unit. The unit is funded by college and SPPU as per the number of enrolled volunteers.
- The funding is meant for carrying out the regular activities and conducting Special Winter Camp in an adopted village. Additional expenses are borne by the college. As per the directions from the University, the Programme Officer and the members of the unit prepare a yearly plan of activities. The plan is implemented by the enrolled volunteers of the unit.
- The college has established the Environmental Forum headed by the Principal of the college. The objective of the Forum is to spread awareness in the society about environmental issues. The activities planned under the Forum are Symposium, Exhibition, Seminar, Lectures, Poster Competition and initiating public participation. The Forum also takes the lead in involving the students in the activities of Eco Rangers.
- Various women health related issues were also addressed in the general physical check up.
- Health camp was organised for resolving health issues of villagers and to make them aware about the cleanliness and hygiene.
- College organizes a role play, drama on social issues and same is represented in 'Purshottam Karandak', 'Chetana' and 'Utkarsh' etc.
- All above activities expose students to the problems faced in life. Students develop the approach to solve problems. All above activities instill a sense of responsibility and bring the leadership quality in the students. All these contribute in making the students good human beings.
- Please refer 3.6.1 for other major extension activities under NSS.

The budgetary details for NSS Activities:-

Year	Budgetary Provisions	Total fund received from University
2012-2013	Rs. 65,000/-	Rs. 50,500/-
2013-2014	Rs. 85,000 /-	Rs. 50,500/-
2014-2015	Rs. 1,00,000 /-	Rs. 50,500/-
2015-2016	Rs. 1,00,000/-	Rs. 50,500/-

3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS,

NCC, YRC and other National/ International agencies?

- The college conducts Orientation Programme in the beginning of every academic year. The programme highlights the activities that are to be conducted in that year in the form of presentation of academic calendar. Every year, in second week of August, a separate inauguration programme is conducted by the NSS unit of the college, which promotes students and staff members to participate in the activities that are organized by the unit. Every year all the faculty members participate in different extension activities such as NSS Special Winter Camp and 'YUVA SAPTAH' by delivering lectures and sharing their experience with the village students.
- We are affiliated to SPPU and our N.S.S. activities are controlled and co-ordinate by the N.S.S. Coordinator of SPPU.
- At our college level we have a committee consisting of a senior teacher as Coordinator for N.S.S. activities which carry out all the planned activities in disciplined manner.
- Activities include polio campaigns, blood donations, tree plantations, medical camps, attending old age homes, vaccination camps, eye checkup, attending to village needs such as road construction, cleaning of surroundings, etc.
- Our institute has also carried out campaign for clean and pollution free river in Pune city. For that purpose clean Mula-Mutha river Abhiyaan was carried out. All students actively participated along with staff to maintain ecological balance of nature.
- During NSS camp rally was organised to make villagers aware about the environmental destruction and hazardous effects of it. Slogans were written by the students and a foot march was carried out through out the village.
- College organized visit to 'Mamta Bal Sadan' at Saswad and 'Sapta Sindhu Mahila Aadhar', Pune to boost the confidence of children and women living there.
- During natural calamity, casualty or crises like, earthquake, flood, etc in country our college has contributed money and donated it in the form of blankets, food materials, water for drinking, etc to the needy people worst affected by natural calamity.
- In association with international social organizations like Red Cross Society, Red Ribbon Club and Rotary club several social issues like Blood donation camp, health check-up are undertaken and successfully completed.

- a) In association with Red Ribbon Club, Aids affected people are boosted morally to live their life happily and peacefully. For such people hospital check up and accommodation as well as telephone numbers of Government hospitals are provided to cure Aids completely. A rally is organized on 1st December on 'AIDS day' to create social awareness.
- b) With the help of Rotary Club Health camps are arranged in isolated areas with all facilities and if required all medical staff along with sophisticated instrument and free medicines are provided for needy people.

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

- The college through the NSS unit carries out activities in the adopted village like organizing rallies that highlights various social and environmental issues. The students also carry out cleanliness drive and conduct surveys which help to evaluate the social, cultural, educational and financial aspects of the villagers.
- In Kondhwa campus, our college has carried out survey on ICT literacy and on that basis has organized computer literacy classes for suburban people to make them aware of growing needs of ICT.
- Our institution has also started movement for people to make them aware about daily news. So we have various Newspapers in various languages. As well as books and magazines are provided to them for reading.
- For counseling to suburban students on various educational and social issues a separate helpline is created. Help line number 020-60204040 is provided to sort out their problems, which is open between 8.00 am to 6.00 pm in working hours of the college.
- Our institute has tied up with Primary Medical health Centre in the Kondhwa area to help suburban people to solve various medical issues. To create awareness among people for cleanliness and health hygiene, this has been the footstep toward minor contribution to society.
- Our college has also tied up with various institutions for Environmental related problems. For this purpose College has taken initiative in tree plantation movement along with various social organizations.
- Our college organizes a guest lectures on topics related to social justice like National integration and Indian constitutional rights. We also organize an essay competition on topics like Equality and fundamental rights, Democratic power of India, etc this helps to understand students social and fundamental values.

- We celebrate several festivals like Ramzan Eid, Parsi New Year, Rakshabandhan, Gudi Padhwa, etc to spread message of equality and to create communal harmony and to inculcate moral values in students.
- Our college organizes a youth program to make aware young generation youths about the hazardous effects of drugs.
- An External Activity like 'SELF DEFENCE TRAINING' and 'YOGA TRAINING' was carried out by the college for young girls to boost their confidence and make them self reliable and also to face against the sexual harassment incidences.

During NSS camp for farmers schemes like Water Harvesting and Water Seed Development were implemented for the awareness of crops to be taken during the season and also the water management to be carried out during harvesting for crops.

3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.

- The objectives and expected outcomes do complement our student's academic learning experience as these activities contribute to the holistic development of students. Our student's commendable performance in competitions in and outside the college is a reflection of the same.
- Our students are inculcated with values like sense of responsibility towards themselves, the society and the nation at large, respect for themselves and for others, sincerity, dedication and a sense of belongingness with the help of activities conducted by the college. In addition, the practical exposure on skills like communication, management and leadership through several activities assist students in having a successful learning experience.
- Activities like creation of social group for uplifting various social issues, cleanliness campaign for society and humanitarian help at the time of natural calamities, road repair for better future in adopted villages and primary health tips to the villagers to live clean and healthy life. Street plays were organized to make students aware about the social responsibilities to be carried out by them in the near future.

3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

The college invites active participation from outside agencies and involves stakeholders such as parents, management, alumni in organizing the reach out activities. Some of the activities include:

- Arranging lectures on waste management through 'SWACHHA BHARAT ABHIYAAN'.
- Availing experts for the study and analysis of cropping pattern by the farmers in the village and also for soil and water testing.
- Arranging visits to Matoshree old-age home and conducting cultural programs for them.
- Associating the college with Eco Rangers, an initiative for environmental awareness. Seven students and one teacher from the college have registered their names for the activities under Eco Rangers.
- It includes creation of social forest, humanitarian help and relief at the time of natural calamities, road repair in adopted villages and primary health tips to the villagers.
- Institute also plans the tree plantation activity to keep surrounding environment clean and healthy.
- Community people are guided by guests on issues like Rural Literacy, Rural Development schemas issued by Government.
- Visit is given to various Environmental organizations like Hivare Bazaar to inculcate environmental awareness and moral values in students mind.
- Institute conducted Yoga demonstration training for the students to maintain the fitness in their life. Maximum students were benefited by the yoga training carried out.
- For down trodden class and for backward class society around Kondhwa(Bk.) area visit was organised to make them aware about their fundamental rights and a small effort was taken to uplift and carry them into main stream line.
- For boosting confidence in girls and making them self reliant a lecture was organised to make them aware about the skill techniques to be used during emergency attack (Ex. **Pratisaad app**, Women Safety app First Immediate Response FIR and ICE-Mumbai Police).
- College organized visit to 'Sanmati Bal Niketan', Manjari Hadpsar for orphan children to boost their confidence and make them aware about the importance of education in life and also to make them independent and became an able citizen of India.

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

The NSS unit and various committees of the college are working with different institutions, organizations for different social activities. These activities are planned and conducted in and outside the campus in association with these organizations. Following are few of the major institutions / organizations with / for whom college works on different extension activities:

- SPPU (Savitribai Phule Pune University), Pune.
- Hirval Education Trust, Mahad, (Raigad).
- Mamta Foundation, Pune.
- Maharashtra Gandhi Smarak Nidhi, Gandhi Bhavan, Pune.
- Sassoon Blood Bank, Anand-rishi Blood Bank and Sahyadri Blood Bank, Pune.
- Pune Municipal Commissioner's Office, Pune.
- Matoshree Vruddhashram, Pune.
- Sanmati Bal Niketan, Hadpsar, Pune.
- Mamta Bal Sadan, Saswad (Pune).

3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

The institution has received award for extension activities. Students involved in extension activities have been awarded by several organizing bodies. Three noteworthy recognitions are as follows:

- 'Best Blood Donation Camp' award has been given to our college by various Social Organizations.
- PMC awarded an award to college for "Best Disaster Relief Management" in crisis.
- Every year our volunteers are awarded as 'Best Volunteer Award' during Festivals and social events.
- During N.S.S. Camp, an adopted village Gram Panchayat awarded Best Volunteers awards to some students who actively and enthusiastically participated in each and every activity conducted.
- Blood Bank has awarded Best Volunteer Award to those students who have made the blood donation camp successful with increasing number of blood donors for donating blood in large numbers.
- Hirval Education Trust, Mahad has awarded Best Volunteers Award for creating greenery in around the campus by planting trees and maintaining environmental balance.

3.7 Collaboration

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

Institution is having good relations with local colleges and institutions. The teacher, resource persons are invited to deliver lectures on different subjects.

State level collaboration	National level collaboration	International level collaboration
Savitribai Phule Pune University	National Chemical Laboratory	Korea Institute of Science and Technology (KIST), Seoul South Korea
Solapur University	DRDO	-
Shivaji university	Indian Institute of Tropical Metrology, Pune	-
Maharashtra Institute of Technology ,Pune	-	-
Vishwakarma Institute of Management, Pune	-	-
Vishwakarma Institute of Information Institute, Pune	-	-

The following task is being performed under the college.

Joint research activities and staff exchange of faculties and staff members

- The exchange of information of mutual interest.
- The exchange of students in general programs
- The faculty members who have registered for Ph. D. at various research centre's are using the facilities provided by the centre. Following are the research facilities, utilized by the staff members at their personal level.

S.N.	Name	Benefit
1	SPPU	Library, Laboratory, Research
2	National Chemical Laboratory	Library, Laboratory, Research
3	Solapur University	Library, Laboratory, Research
4	Shivaji university	Library, Laboratory, Research
5	DRDO	Library Laboratory, Research
6	Korea Institute of Science and Technology	Library, Laboratory, Research

3.7.2 Provide details on the MOUs/collaborative arrangements (if any) with institutions of national importance/other universities/industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

In the last few years the institute has signed various MOUs for the development of the college:

The institution is ever ready to collaborate with various bodies for the benefit institution, students, faculty, local community and other members.

- 1) MOU with KIST, Seoul South Korea..
- 2) MOU with Hirwal's Education Society, Mahad
- 3) Research association (Indian Institute of Tropical Metrology)
- 4) Edu-bridge India
- 5) CCA (Tally Institute)
- 6) CNC Web world, Pune
- 7) Maratha Chamber of Commerce Industries and Agriculture (online)

Faculty exchange and development: The institution invites the local and visiting faculties to teach PG classes and also allows our faculty to go to other colleges for teaching.

The institution is benefited from the collaboration as follows:

- A. On-the-job training:** Some of our students have joined for on-job-training in different banks, LIC, local industries etc.
- B. Faculty exchange and development:** The institution invites the local and visiting faculties to teach PG classes and also allows our faculty to go to other colleges for teaching. They share their knowledge and get additional financial benefits.
- C. Research:** Research guides from our institution are taking the help of other institutions in various ways, for e.g. making use of Library and

Laboratory facilities. Principal of our college Dr. A.R.Patil has worked with KIST South Korea Institute. And as a result VCACS got educational name and fame and platform for international research.

- D. **Consultancy:** Some of the faculty members from the College extend their consultancy services free of cost to the newly developing institutions and industries. The teachers from other colleges visit our departments for guidance. The mutual interaction develops harmony between the organizations.
- E. **Extension:** Institution does extension service mainly through NSS. This enhances the recognition of the College in the society.
- F. **Publication:** Many of our faculties have published books, text-books, reference books in collaboration with other writers. Therefore VCACS have published many National, International Papers along with Patents.
- G. **Student Placement:** The institution is having good relations with many chemical, manufacturing, information technology (IT) and sugar industries. Campus interviews are arranged in the college through placement cell. Many of the college students have been selected and are working in different companies. It has definitely added to the college reputation.

3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment / creation/up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories / library/ new technology /placement services etc.

Women's Forum of the college conducts various activities every year for empowering the girl students and female staff both – teaching, non-teaching staff. The eminent personalities invited by the Forum so far are from varied fields of the society viz. Law and Women's Rights, Health Care, Spiritual Organizations and Martial Arts.

3.7.4 highlighting the names of eminent scientists / participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

Academic Year	Name	Event	Date
2012-13	Dr. K.C. Mohite Dr. Dilip Malkhede Dr. R.R.Mudholkar Dr. S.C.Shirwalikar Dr. S.S.Jambhorkar	National conference on `Emerging trend in computer science and information Technology Challenges and opportunities.	28/11/2013 To 29/11/2013
2013-2014	Dr. Sudhakar Jadhavvar Dr.Sanjay kaptan Dr.S.S.Mahajan Dr. S.P. Nadgouda Dr. H.D. Thorat Mr.Mohmmad Ashraf Ansari	State Level “Recent Trends in E-Commerce for sustainable business development.”	22/12/2014 To 23/12/2014
2014-2015	Dr. Gajanan Rashinkar Prof. Y.M. Mithare	State Level Workshop for SET preparation	26/07/ 2015
2015-16	Dr.Shaikh Vasi A.E. Mr.Ajinkya Kohokade Mr. Kumbhar .T.R Dr.Neha Deshpande Prof. Bhujbal	Two Day National Level Workshop on “Wireless Sensor Network and Robotics Technology”	18/12/2015 to 19/12/2015
2015-16	Dr. Jamshed Darsha Prof.Rahane Sanjeevani Dr. Kayande Ravinder Mr. Vishal Katore Dr. Thorat Yuvraj	Two Day State Level Workshop on “Recent Trends in Advertising Past,Present and Future”	15/01/2016 to 16/01/2016

- 3.7.5 How many of the linkages/collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated –**
- Curriculum development / enrichment**
 - Internship / On-the-job training**
 - Summer placement**
 - Faculty exchange and professional development**

- e) Research
- f) Consultancy
- g) Extension
- h) Publication
- i) Student Placement
- j) Twinning programmes
- k) Introduction of new courses
- l) Student exchange
- m) Any other

College has signed following MoUs for the development of the institution:-

- 1) MOU with Kist South Korea..
- 2) MOU with Hirwal's Education Society
- 3) Research association (Indian Institute of Tropical Metrology)
- 4) Edu-bridge India
- 5) CCA (Tally Institute)
- 6) CNC Web world, Pune
- 8) MOU with the Mahratta Chamber of Commerce Industries and Agriculture

Sr. No.	Activity	Benefit	Example
1	Curriculum development /enrichment	Personality Development, Stage Daring, Good decision making	Extra curricular activities
2	Internship/ On-the-job training	Placement, get the knowledge about how to face interviews.	Placement, Industrial training
3	Summer placement	To get knowledge about companies	Placement activity
4	Faculty exchange and professional, development	Exchange of knowledge, ideas etc.	1. MOU with Kist, South Korea.
5	Consultancy	Economic benefit	1.MOU with Kist South Korea. 2.Hirval Education trust
6	Publication	Published research papers by faculty and students. Students are getting the knowledge by	1. Recent trend in E-Commerce for sustainable business

		visiting the organization with respect to collaboration and also they can extend their skills by developing some research projects.	development ISBN no. 978-935-158-173-4 2. Emerging trends in computer science and information technology challenges and opportunity ISBN No. 978-93-83414-48-2
7	Student Placement	Students are well placed and getting high package	TCS.L&T, Infotech, Infosys, Wipro Ubisoft, Webtech developers, ZS associates Harbinger Tech Mahindra, Pragmatic, Quick Heal

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/ collaborations. Any other relevant information regarding Research, Consultancy and Extension which the college would like to include.

- The college plans to establish the linkages/collaborations with the international, national, state, local bodies, industries and research institutes to boost research, consultancy and extension tasks.
- The college works with them and takes initiative in enhancing and facilitating curriculum development/enrichment, internship/ On-the-job training, research, consultancy, extension, publication, student placement and introduction of new courses. It implements the initiatives of the linkages/collaborations
- The college identifies various fields for collaborations based on the inputs given by the stakeholders

The meetings of both the committees are organized twice in a year. These issues are also discussed in the meetings. The recommendations of the committees are forwarded to the parent body for approval. After the approval, the college plans and executes the initiatives suggested by the committees. The college is always striving to make the systematic efforts in planning, establishing and implementing the initiatives of the linkages/collaborations.

CRITERION IV- INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

Infrastructure plays an important role for development of objectives and goals of the institute. The institution has created such a quality infrastructure for the students wherein, the students can easily and comfortably absorb the lessons.

- The college has specific educational zone campus.
- Classrooms are well equipped with ICT based.
- Computer Laboratories with latest software's and having audio visual aids with 5 mbps lease line internet connectivity.
- Fully Wi-Fi campus facility.
- Fully Computerized library with e-resources.
- UPS backup facility is provided.

Funds are properly utilized and allocated with maximum resources for the infrastructure development. Infrastructure decisions are taken by the Higher Authority after consulting the Principal. Necessary steps are taken by the institution as per the budget and funds are raised through management.

4.1.2 Detail the facilities available:

- a) **Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.**
- b) **Extra –curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.**

a) Curricular and co-curricular activities:

Existing Infrastructure of the institute:

Sr. No.	Particulars	Total area in Sq. Ft.
1	Administrative Area	3044.01
2	Instructional Area	11535.08
3	Others Area	9672.02
Total Area		20337.26

The Instructional Area is further detailed as follows:

Sr. No.	Particulars	No.	Area (Sq.Ft.)
1	Classrooms	9	6073.89
2	ICT ROOM	1	1023.00
3	Computer Labs	4	2165.67
4	Electronics Lab	1	712.21
5	Reading Room	1	744.00
6	Library	1	816.31
Total Area			11535.08

b) Extra –curricular activities

Sr. No.	Particulars	No	Area (Sq.Ft.)
1	Yoga and Indoor Games Sports Room	1	651.00
2	NSS, SWO, Cultural activity Room	1	690.00
3	Girls Common Room and Health & Hygiene	1	252.00

The Institute has provided facilities for various outdoor games like Kho-Kho, Kabaddi, Basketball, Volleyball, Cricket, etc. at different venues within the campus.

The details of the facilities are given below:

Sr. No.	Details
1	Cricket Turf and Cement Pitch for net practice
2	Basketball
3	Volleyball
4	Kabaddi
5	Football
6	Kho-Kho
7	Dodgeball
8	Long Jump Pit
9	High Jump
10	Frisbee
11	Handball

Indoor Games/ Facilities:

Indoor game facilities like table tennis, chess are provided by the institute the details of which are given below:

Sr.No.	Details	Number
1	Chess	4
2	Carrom	1 board 20mm with accessories
3	Table Tennis	1
4	Jump Rope	10

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution / campus and indicate the existing physical infrastructure and the future planned expansions if any).

Infrastructure Facility

- 82.5 KVA electrical generator has been purchased by the institute. The cost of new Generator is Rs. 7, 00,000/- .
- An electrical panel is installed in the building. UPS of 40KVA of cost Rs. 4, 85,700/- is installed in the building with 32 number of Exide Tubular Batteries of 100 AH of cost Rs. 2,44,350/- to receive uninterrupted electrical supply.
- Some other infrastructural facilities like Auditorium, Playgrounds, Swimming Pool, Gymnasium etc. are shared with the sister institutes.
- For maximum utilization of the infrastructure, the college conducts co-curricular and extra-curricular activities simultaneously.
- College building is also utilized for conducting the other examinations on holidays.
 - a) The college every year conducts a one day seminar on National Eligibility Test (NET) and State Eligibility Test (SET).
 - b) The college utilizes the classrooms, laboratories etc. for conducting competitive exam of Indian Post Office.
 - c) Central Assessment Program (CAP) for annual examination of SPPU is also conducted by college.

Table 2: Expenditure on different types of facilities provided:

S N.	Facilities	Amount spent in respective academic years			
		2015-16	2014-15	2013-14	2012-13
1	Furniture	3.13	7.31	4.03	20.79

2	Equipments (Office and Laboratories)	5.50	5.71	2.24	2.14
3	Library	6.44	0.77	0.92	0.82

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

Refer 2.2.6

4.1.5 Give Details on the residential facility and various provisions available within them:

- **Hostel Facility – Accommodation available**
- **Recreational facilities, gymnasium, yoga center, etc.**
- **Computer facility including access to internet in hostel**
- **Facilities for medical emergencies**
- **Library facility in the hostels**
- **Internet and Wi-Fi facility**
- **Recreational facility-common room with audio-visual equipments**
- **Hostel Capacity is common within all the Vishwakarma Institutes.**

- Capacity of the hostels:

Girl's hostel capacity: 50

Boy's hostel capacity: 70

The parent trust has established Girls hostel and Boys hostel separately for college students. The society office monitors the admissions and maintenance of the facilities in the hostels.

- Facilities:

(1) Tea and refreshment, Television-set, Drycleaner.

(2) Indoor Games: Chess, Carom board and badminton.

Health and Hygiene:- College is in touch with the clinic near its vicinity for any minor treatment with Qualified Doctor. If the case is critical, person is treated in the hospital.

4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

For students and staff, the college is having health care centre with part time doctor.

First-Aid treatment is provided immediately in the college itself.

4.1.7 Give details of the Common Facilities available on the campus

–spaces for special units like IQAC, Grievance Redressal unit, Women's Cell, Counselling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

Staff Room: The College has one big common staff room for all faculty, two separate cabins for Head of department of commerce and science faculty respectively.

Common Room for Girls: The College has clean common rooms for Boys and Girls separately provided with mirrors, basins and dustbins. The toilet facility is available on all floors.

Placement Cell: The Placement cell of the college helps in guiding the students for getting placements and for preparing them for interviews and various entrance examinations.

Gymnasium and Swimming pool: Both the facilities are available and used within the campus and it is shared between Vishwakarma Maritime Institute (VMI) and VCACS.

Health Centre: The College organizes health check-up for all the students of all streams every year. For students and staff, the college is having health care centre with part time doctor. First-Aid treatment is provided immediately in the college itself.

Vehicular Parking: The College has provided adequate and Clean Parking place outlined with green bushes. Ample parking is provided for staff and students separately. Parking is partitioned in three sections as –

i) Staff Parking ii) Students iii) Visitors

Separate security persons are appointed for the same.

Guest House: The facility of guest house is also available in the campus area which is maintained by the Parent Society.

Transport: The College provides the transportation facility for various activities such as Industrial visits, Study tours, Picnics, Participation in sports tournaments, N.S.S. Camps.

Drinking Water: Drinking water facilities are made available with water purifier on each floor which is regularly checked and cleaned.

Book Shop: Off campus bookshop is available for students to provide variety of books as per university syllabus for the students.

Bank with ATM: ATM center of Oriental Bank of Commerce and A bank of Suvarnayug Sahakari Bank with ATM is available in college campus.

Canteen: The canteen facility is available in the campus. There is one big and two small canteens, snack centre etc. in the campus. They provide all varieties

of tasty and hygienic food. It provides proper and sufficient seating arrangement for staff and students.

4.2 Library as a Learning Resource

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

Yes. The Library has a Library Advisory Committee. It is formed under the Chairmanship of Principal with two faculty members, a student representative and Librarian as a Member-Secretary.

Responsibilities of the Committee:

- It provides advice to the library concerning materials and services needed by faculty and students in their teaching and research endeavours.
- It recommends solutions to library problems relating to faculty and student needs and usage.
- It takes active part in enrichment of the collection of library books by collecting from the lecturers and students a list of requirement of new books to be purchased.

Library Committee:

The composition of the committee is as follows:

Advisory committee members	
Chairperson	Principal
Members	HOD or Professor from each department.
Secretary	Librarian
Student representative	Student

4.2.2 Provide Details of the following:

- * **Total area of the library (in Sq. Mts.)**
- * **Total seating capacity**
- * **Working hours (on working days, on holidays, before examination days, during examination days, during vacation)**

Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)

1. Total Library and Reading hall area is 2211 Sq.ft.
Stacking - 816 Sq.ft. and Reading Halls (02) 1395 Sq.ft.

2. Total seating capacity is 100 Nos.
3. Working hour is 8.00 am to 6.00 pm.
4. Intra library reading room available for student 24*7 in campus.

Details and Layout of the Library are attached in supporting documents.
Refer Annexure II

4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

The Staff makes the requisition of the books, journals and reading materials to the Librarian as and when the syllabus is revised. The Library committee ensures the availability of current titles, e-journals, e-resources, etc. purchased through well defined procedure.

Amount spent on new books and journals during the last five years as follows:

Year	2012-13		2013-14		2014-15		2015-16	
	No.	Total Amount spent	No.	Total Amount spent	No.	Total Amount spent	No.	Total Amount spent
Text books	293	35708/-	428	53367/-	333	45468/-	1595	505639/-
Reference books	97	33742/-	70	26138/-	37	16628/-	57	30341/-
Other books	64	10441/-	38	12031/-	07	4767/-	62	47089/-
Journals/ Periodicals	02	2450/-	-	-	06	10075/-	10	10200/-
Online Journals	-	-					6459	34200/-
Newspapers	07	-	08	-	08	-	08	-

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

- * OPAC
- * Electronic Resource Management package for e-journals
- * Federated searching tools to search articles in multiple databases
- * Library Website
- * In-house/remote access to e-publications
- * Library automation

- * Total number of computers for public access
- * Total numbers of printers for public access
- * Internet bandwidth/ speed 2mbps 10 mbps 1 gb GB)
- * Institutional Repository
- * Content management system for e-learning
- * Participation in Resource sharing networks/consortia (like Inflibnet)

Detail of ICT and other tools provided by library:

S N.	Facilities	Yes/ No
1	OPAC	Yes through the SLIM21 software
2	Electronic Resource Management Package for e-journals	Yes
3	Federated searching tools to search articles in multiple databases	Yes through the SLIM21 software
4	Library Website	Yes Basic information is available on college website www.vcacs.ac.in / Facilities
5	In house/ remote access to e-publications	Yes
6	Library Automation	Yes, process through SLIM21 software.
7	Total number computers for public access	05
8	Total number of printers for public access	2
9	Internet bandwidth/ speed	Yes, 5 MBPS(Leased line from AIRCEL)
10	Institutional repository	Yes
11	Content management system for e-learning	No
12	Participation in resource sharing networks/ consortia (like INFLIBNET)	Yes

4.2.5 Provide details on the following items:

- Average number of walk-ins
- Average number of books issued/returned

- Ratio of library books to students enrolled
- Average number of books added during last three years
- Average number of login to opac (OPAC)
- Average number of login to e-resources
- Average number of e-resources downloaded/printed
- Number of information literacy trainings organized
- Details of “weeding out” of books and other materials

Average number of walk-ins	40
Average number of books issued/returned	40 issued /30 returned
Ratio of library books to students enrolled	5:1
Average number of books added during last three years	1032
Average number of login to OPAC	OPAC automation is in process.
Average number of login to e-resources	15 per day
Average number of e-resources downloaded/printed	20
Number of information literacy trainings organized	Yes
Details of “weeding out” of books and other materials	1253

4.2.6 Give details of the specialized services provided by the library?

- * Manuscripts
- * Reference
- * Reprography
- * ILL (Inter Library Loan Service)
- * Information deployment and notification (Information Deployment and Notification)
- * Download
- * Printing
- * Reading list/ Bibliography compilation
- * In-house/remote access to e-resources
- * User Orientation and awareness
- * Assistance in searching Databases
- * INFLIBNET/IUC facilities

Services	YES/ NO
Manuscripts	No
Reference	Yes, Guidance in use of all Library

	Resources and Services
Reprography	Yes, Staff members and Students can get required information from Reference books and Journals through scanning and photocopying service
ILL (Inter Library Loan Service)	Yes -VIM,VIIT
Information deployment and notification	Yes
Download	Yes, Users can download information from subscribed e-resources.
Printing	Yes, Users are allowed to get printouts of required online information, syllabus, and question papers from OPAC.
Reading list/ Bibliography compilation	Yes, bibliography of particular subject is prepared through library software and provided to user as on demand
In-house/remote access to e-resources	Remote access to E-resources are in process
User Orientation and awareness	Yes, every year newly joined students and staff are oriented. Awareness programs are scheduled as per the requirement.
Assistance in searching Databases	Yes
INFLIBNET/IUC facilities	Yes

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

- The library staffs provide support to the students as well as teachers of the college.
- The library services are automated to enumerate whether the book required is available or not by using the software SLIM 21.
- Daily seven news papers are clipped and displayed for Student and Staff.
- Articles of academic relevance which are published in daily news papers and periodicals are available.
- New arrivals of magazines and journal are displayed.
- Weekly Employment News paper provided to students.
- The availability of books can be checked online.
- The library notice board displays information regarding summer courses.
- Information regarding competitive exams is made available in library.
- Monthly magazines are available in the library.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

Yes. Provisions for physical disabled persons are available. They are assisted by the library staff when they need to borrow books. Arrangements are made in the ground floor for reference work. Apart from that, Ramp is also available at entrance for physically challenged Persons.

4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)

Yes. The library gets the feedback from the students and faculties. Feedback taken from the students and faculties are analyzed and forwarded during the meetings of the Library Advisory Committee. Depending on the different feedbacks given by the students, feedbacks are analyzed and effective decisions are taken for improving the library services. Also a suggestion box is kept for the suggestions which can be used for improving the facilities provided by the library.

4.3 IT Infrastructure

4.3.1. Give details on the computing facility available (hardware and software) at the institution.

- Number of computers with Configuration (provide actual number with exact configuration of each available system)
- Computer-students ratio
- Stand alone facility
- LAN facility
- Wifi facility
- Licensed Software
- Number of nodes / computers with Internet facility
- Any other

Number of computers with configuration (provide actual number with exact configuration of each available system)	193
Computer-student ratio	
Stand-alone facility	Yes
LAN facility	Yes
Wi-Fi facility	Yes
Licensed software	
Number of nodes/computers with Internet facility	193
Any other	-

Number of computers with Configuration (provide actual number with exact configuration of each available system)

Sr. No.	Numbers	Configuration	Remark
1	193	i3/Core 2 Duo, DDR-RAM from 1GB to 8GB ,Mother Board Processor, DVD Writer/CD Rom,14 “/19” monitor TFT/LED,160 /320 /500 GB HDD, Key board & Optical Mouse	PCs are distributed across the campus in various departments
2	01	Sophos XG 210, Advanced Firewall, Site to site Ipsec VPN, SSL VPN(Unlimited License), HTML 5 VPN, Wireless Controller, Advanced Threat Protection, IPS,RED, URL Filtering, Antivirus, Granular Application Control (Add –On License – Gateway Email Protection, Web Server Protection)	For internet security
3	01	D-Link Wireless Access Point (Model DWL 3200AP, 802.11b/g, 108Mbps, WPA, WPA2 Security, PoE support, Wireless Frequency Range – 2.4GHz to 2.4835Ghz	For Wi-Fi facility in Campus
4	150	Quick heal antivirus - Quick Heal Admin Console end internet security to Quick heal Endpoint Security Business -regular for 3 years.	For computer security
5	5Mbps	Internet wireless lease line 1:1 connectivity from Aircel	Internet

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

The College provides AIRCEL 5 Mbps leased line internet connection in the campus. 193 computers with internet facility are made available for faculty and students with restrictions on access to social networking sites. The Principal's Office, Administrative Block, all the computer laboratories and staff room are connected with AIRCEL Internet facility. Faculty members can access internet in

the computer laboratory and the staff room within the campus. Students can access internet in the computer laboratory and college premises through Wi-Fi facility. The college provides required equipment's to faculty members for presentations in other colleges, education fair, NSS camp site etc.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The college intends to upgrade the computers with latest configuration. The college is going to plan development of new research laboratory with licensed versions of all required software's for students and faculties. The college intends to add facilities in library such as Web, OPAC and SMS alert facility of book issue/return. The need for upgrading the IT infrastructure and associated facilities requirements are based mostly on the changes in the syllabi. These requirements are submitted in the form of application to the Principal. Principal after concerning with management take the appropriate action.

Following are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities:

1. Internet Bandwidth: - Currently the college is equipped with 5 Mbps leased-line 1:1. Institute is also planning to increase the bandwidth capacity up to 8 Mbps in due course of time to provide faster service.
2. Wi-Fi Facility: - The institute has purchased D-Link Wi-Fi routers with high capacity and is utilizing it for students so that they can have concurrent access with sufficient speed.
3. High Performance Servers: - Institute is planning to purchase HPC Servers with 4 core and is planning to deploy it in order to tackle internet-scale problems efficiently with high-density, low energy, software defined servers that radically reduce energy use and footprint, while increasing performance. Also the plan includes that 2 core would be used as File Servers and other 2 core would be made available for research purpose.
4. LCD Projector:- All the classrooms and laboratories are equipped with LCD projectors (Portable) and a PC with internet connectivity. Faculties use such facilities to make the teaching learning process in classroom and laboratory more effective.
5. There are total 6 LCD Projectors in the campus.
6. Institute plans to provide smart classroom facility in the campus from next academic year. This will have interactive board.

4.3.4 Provide details on the provision made in the annual budget for procurement, up gradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

According to changes in the syllabus and according to modern techniques the systems are upgraded. The renovation of computer science laboratories, up-gradation of computer systems are continuously going on as per the requirements. The annual budget for update, deployment and maintenance of the computers in the institution for year 2016-17 are planned. All types of planned budgets are approved by management of the college.

Total Budget of Computer and Systems Department (Figures in lakh Rupees):

Sr No.	Department	Budgeted in CFY 2016-17	Budgeted in CFY 2015-16	Actual expenses in CFY 2015-16	Budgeted in CFY 2014-15	Actual expenses in CFY 2014-15	Budgeted in CFY 2013-14	Actual expenses in CFY 2013-14	Budgeted in CFY 2012-13	Actual expenses in CFY 2012-13
1	Computers	8.37	2.87	0.95	2.89	1.43	10.54	11.70	10.12	2.96

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

Each and every faculty member is provided with computer along with internet facility for preparation of lectures and browsing informative sites.

Computers are provided to non-teaching staff for completion of their respective work. All students are allowed to use internet for completion of project related work and other studies. Four projectors are available for computer assisted teaching. Sufficient numbers of computers are available in each department, library, and computer laboratory to carry out related task. Many staff members use projectors and other audio video equipments for teaching and learning process. The college conducts several Workshops, Seminars and Competitions for both the staff members and students which require use of ICT.

The institution facilitates extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students in the following ways:

1. Googlegroups:- Each class/division has created a different Googlegroup which is a free, online service that helps students and teachers to easily share information and communicate effectively. These groups are public or private places where members can share files, post ideas, and conduct discussions via email. All emails sent to the group are archived for future reference and are easily searchable.
2. Blogs:- Institute has always motivated faculties for enrolling themselves into such advance teaching learning through creation and utilization of blogspot which can be treated as a bulletin. Blogs can promote open dialogue and encourage community building in which both the teacher and student can exchange opinions, ideas, and attitudes. Contributing to such teaching learning process can certainly lead to improved student results

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching - learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the Centre of teaching-learning process and render the role of a facilitator for the teacher.

Thrust is given to ICT (Information and Communication Technology) enabled teaching-learning process to make it effective and more student centric. The use of modern Audio Visual Aids/multimedia to complement the traditional method of lecture has made the teaching-learning methods interactive. ICT facility is used by Departments using ICT enabled class rooms and the multimedia facility. They are equipped with sound system. There are also computers with internet browsing facility to assist faculties in the preparation of teaching/learning materials. In order to enhance potential of students, the teachers are guided by the Principal and the Management, through Quality Circle Program and Faculty Improvement Program.

Institute has always motivated faculty for teaching discussion and utilization of BlogSpot. Blogs can promote open dialogue and encourage community building in which both the bloggers and commenter's (Teacher and student) exchange opinions, ideas, and attitudes. Teachers can use a blog to publish instructional materials that the students can access to and where the students can make comments. Teachers can assign tasks to students which should be done using blogs (i.e., publishing articles and sharing them with other students). Teachers can observe and monitor the students' progress offline, and identify the learning needs that have not been considered (e.g., students may directly or indirectly express their doubts on blogs). As the information on students' blogs is growing, teachers

need to classify summaries and evaluate students' doubts and then publish the teachers' opinions, directions, and feedback on their posted doubt.

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

The College avail the National Knowledge Network connectivity through INFLIBNET.

Criterion IV - Infrastructure and Learning Resource's

4.4 Maintenance of Campus Facilities

4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

a.	Building
b.	Furniture
c.	Equipment
d.	Computers
e.	Vehicles
f.	Any other

The institute is governed by Governing Body the monitor the utilization of allocation of budget:

Infrastructure maintenance expenditure for last four years is given below (Figures in lakh Rupees):

Department	Budget in CFY 2015-16	Actual Expenses in CFY 2015-16	Budget in CFY 2014-15	Actual Expenses in CFY 2014-15	Budget in CFY 2013-14	Actual Expenses in CFY 2013-14	Budget in CFY 2012-13	Actual Expenses in CFY 2012-13
Furniture	20.00	3.13	20.00	7.31	20.00	4.03	14.93	20.79
Equipment	3.92	1.97	3.94	3.27	11.09	12.34	10.67	4.45
Computer	2.87	0.95	2.89	1.43	10.54	11.70	10.12	2.96
Vehicle	12.00	-	-	-	-	-	9.25	9.40
Books	1.00	5.83	1.00	0.67	1.25	0.92	1.00	0.82

Software	2.30	-	4.40	1.75	4.50	-	1.50	-
Total	42.09	11.88	32.23	14.43	47.38	28.99	47.47	38.42

4.4.2 What is the institutional mechanism for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

The college prepares and submits financial requirements under various budget heads to our parent organization every year. The parent organization has a "Finance Committee" to look into the financial needs of colleges/institutes. The proposed budget is presented to the committee. The committee scrutinizes the budget and gives an approval after satisfactory explanations. The Managing Committee plays a monitoring role on the expenditure under various budget heads.

The college has appointed respective persons for looking into issues related with up gradation/ maintenance/ repairs of the campus.

- The College has appointed technicians for maintenance of hardware and software of IT infrastructure.
- Computers , printers and Generators in the campus are maintained through AMC
- Campus upkeep (cleaning of campus including campus area, classrooms, offices, laboratories, parking areas, toilets, Garden Maintenance) persons including sweepers are appointed through the contractors.
- Electrical Maintenance is looked after by Electrical Maintenance coordinator and his team

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/ instruments?

- All the instruments/equipments in the laboratories are well maintained and standard operation procedures are followed whenever used.
- Maintenance of instruments is also done through college funding. Electronic instruments in the Electronic LAB/ Computer LAB are process daily according to their respective standard methods.
- The equipment in all laboratories is verified for their working conditions at the start of every semester, following the procedure laid down in Quality Manual

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

Any other relevant information regarding Infrastructure and

Learning Resources which the college would like to include.

- Main Circuit Breaker (MCB) and Earth Leakage Circuit Breaker (ELCB) at prominent power supply units. The college has a Generator backup and a 40KVA UPS so that there is no interruption of power failure.
- In case of power failure the 40 KVA UPS supports the backup and also controls the stability of voltage fluctuations.
- The College has water pipelines (2 lines of 3.5") from Pune Municipal Corporation. The college has main water storage tank of 70,000 litres capacity. In addition to this, there are bore wells, storage tanks/ reservoirs for constant supply of water.
- The college has provided clean drinking water facility for students as well as for the staff by installing ALFA UV Expert (E-water i) purifier with Blue Star machine to store the purified water.

Any other relevant information regarding Infrastructure and Learning Resources:-

- Our Parent organization and the college make focused efforts towards upgrading and maintaining the infrastructure of the campus and laboratories time to time.
- Suggestion box is placed on every floor.
- 24 X 7 security system.
- The college campus is under CCTV surveillance.
- Fire extinguishers are installed in the college for safety measures.
- Workshop is organized about fire extinguishers for the students in our campus
- Demo on workshop regarding how to use fire extinguishers for the students
- Maintenance contract for Generators, computers.
- Biometric Attendance is installed for the staff with manual muster record.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the institution publish its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability

Yes. VCACS publishes its updated prospectus annually. This brochure is given along with the application form to every candidate who takes admission to the institute. The prospectus contains the following-

- Information about Top Management, Teaching and Non-Teaching Staff and Student Council.
- Academic Programmes.
- Vision, Mission and Goals and major consideration.
- Academic and other achievements.
- Awards and achievements.
- Infrastructure details.
- Facilities to students.
- Annual Placement Cell and Student Welfare Department.
- Information about Library, Sports, NSS, Sport Section
- Guidelines for admission and eligibility criteria.
- College societies.
- Procedure for investigation in case of malpractices and ragging

Various committees are established to look after proper working of the institution and to ensure commitment and accountability. We have internal audit of each of the committee at regular interval conducted by the Head of Department and Principal.

Another source of information is the college website: www.vcacs.ac.in.

5.1.2 Specify the type, number and amount of institutional scholarships / free ships given to the students during the last four years and whether the financial aid was available and disbursed on time?

The college provides financial support to the poor and needy students through the 'Earn and Learn scheme'. The help is given in the form of installments in fees and partial waiving of fees in deserving cases. The facility of concession in fees has been given for the merit and needy students for all courses.

Following are year wise details of the concession given by the college (2012-13 to 2016-17):

Year	No. of students	Total Amt. Rs.
2012-13	46	2,79,030/-
2013-14	57	2,25,080/-
2014-15	72	1,87,650/-
2015-16	68	2,41,400/-
2016-17	122	4,42,660/-

Refer Annexure III for more details

5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies?

As per norms, scholarships under the Social Welfare Department, Government of Maharashtra are provided to the students coming from reserved categories. The details of the students availing scholarship are as follows:

Type of scholarship/ Free ship offered	No. of students who availed the benefit per year				
	2011-12	2012-13	2013-14	2014-15	2015-16
Students benefitted under this scheme	14	18	29	12	10

- 5.1.4 What are the specific support services/facilities available for**
- Students from SC/ST, OBC and economically weaker sections
 - Students with physical disabilities
 - Overseas students
 - Students to participate in various competitions/National and International
 - Medical assistance to students: health centre, health insurance etc.
 - Organizing coaching classes for competitive exams
 - Skill development (spoken English, computer literacy, etc.)
 - Support for “slow learners”
 - Exposures of students to other institution of higher learning/ corporate/business house etc.
 - Publication of student magazines

Categories of students	Facilities
Students from SC/ST, OBC and economically weaker sections	<ul style="list-style-type: none"> For SC/ST, OBC- As per norms of government of Maharashtra and Social Welfare Department. For economically weaker students - Concession in fees and facility to pay in installments is available.
Students with physical disabilities	<ul style="list-style-type: none"> Concession in fees and facility to pay in installment. The classrooms of these students are arranged at convenient locations at ground floor. Preferential treatment in the library and washrooms. In Theory examination writer and additional time is provided to the student as per the norms of SPPU. The college has provision of ramp at entrance.
Overseas students	<ul style="list-style-type: none"> No. of overseas students admitted till date 110. Provide parental care. Extra lectures provided with English vocabulary. 100% fellowship from Indian Cultural for Council and Research (ICCR.) of Govt. of India. In addition to this, Stipend of Rs. 12000/- p.m. from the Govt. of India.
Students to participate in various competitions/National and International	<ul style="list-style-type: none"> Registration fees and travelling allowance borne by college. Training and guidance provided by Faculty. Equipments as per the requirements. Flexibility in internal examinations and attendance.
Medical assistance to students: health centre, health insurance etc.	<ul style="list-style-type: none"> First Aid Kit is available in the College. Off the campus Doctor is available .Health care centre is also available in college.

	<ul style="list-style-type: none"> • Annual health check up camp is organized. • Awareness Lectures on Cancer, AIDS, Diabetes and moral and mental health. • Nutritional dietary plan provided. • Medical insurance as per the guidance of SPPU to every student.
Organizing coaching classes for competitive exams.	<ul style="list-style-type: none"> • Display details of competitive exams like Advertisement and registration process on notice boards. • Computer laboratories are provided for online application of such examinations. • Expert lectures are organized and guidance is also provided to students for Competitive examinations.
Skill development (spoken English, computer literacy, etc.,)	<ul style="list-style-type: none"> • Free internet facility and well equipped computer laboratory. • Certificate courses for English and German Language. • Lectures of personality development, aptitude skill and interview skills and techniques. • Provision for acquiring basic computer skill for the students.
Support for 'slow learners'	<ul style="list-style-type: none"> • Extra coaching and guidance are provided. • Provided Question banks. • Student to student mentoring and conducting special tests and assignments.
Exposures of students to other institution of higher learning/ corporate/business house etc.	<ul style="list-style-type: none"> • Industrial visit of Students to various business/ corporate houses for completion of their projects. • Guest lecture of expertise from industries.
Publication of student magazines	<ul style="list-style-type: none"> • VCACS publishes the yearly magazine 'Vishwakarmiya'. Theme-based articles, poems, short stories are published in English, Marathi and

	Hindi in three separate sections. • Newsletter is published monthly, that highlight the achievements of students and faculty members and activities conducted in college.
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5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

To provide entrepreneurial skills among the students, various efforts are taken as follows-

- Institute has established an Entrepreneurship Development Cell (EDC) named as Vishwaprenuer Cell which aims to instill entrepreneurship skills in students.
- Various activities are conducted throughout the year to equip the members with qualities of leadership, professional ethics and create awareness of current and future trends of the industry.
- The entire Departments arrange workshops to encourage the students for the self-employment under 'Make India Movement'.
- Teacher guide students for the project activity.
- Industrial visits and Study tours are organized.
- Courses on skill based courses according to their specialization like Robotics workshop.

Achievements of Entrepreneurship development Cell.

Hatim Lokandwala:

Mohit Surana:

- ### 5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co-curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc
- additional academic support, flexibility in examinations
 - special dietary requirements, sports uniform and materials
 - any other

The college has constituted different internal committees to carry out various Co-Curricular and Extra-Curricular activities. The yearly academic calendar is prepared in consultation with the committee heads. Students are communicated about the activities by notices regarding the activities.

Notices are circulated in the class and displayed on the notice board as per the schedule.

- Special training by the coach / directors is invited to train participants in events like Boxing, Cricket, Badminton and Yoga etc.
- Lunch and breakfast facility during tournaments.
- First-aid to the students.
- Guidance for the Nutritional Diet and Exercise.
- Organization of training and practice sessions.
- Travelling allowances, sportswear and equipments.
- Additional subject coaching and separate internal examination schedule for these students.
- Students have participated and achieved successes in various inter college cultural events and competitions.

5.1.7. Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central /State services, Defense, Civil Services, etc.

The students are motivated and assisted for preparing competitive exams by the faculty members.

- State level Workshop for the preparation for NET/SET examinations conducted by college.
- Library is well equipped which help the students to prepare for the competitive examinations.
- The college Notice board displays information related to competitive examinations and career guidance supplements that are published in newspapers.
- Number of students who have qualified in various competitive exams like CPT are 11.

5.1.8. What type of counseling services are made available to the students (academic, personal, career, psycho-social etc?)

1. Academic Counseling:

- All the need based counseling services like academic, personal, career related and psycho-social etc. are provided by the teachers.
- Parent teacher meetings.
- Examination guidance.

- Teachers give information about weightage to different chapters in different papers and how to score well in examination.

2. Personal Counselling:

- All the Teachers are always aware of the personal problems of the students and try to solve it with their best interest.
- The college runs a separate cell “Vidyarthini Munch” through which problems of girls can be handled.
- The professional counselor has been invited to guide the students.

3. Psycho-social counselling:

- Teachers provide guidance especially to the students for Psychological problems if any.
- The problems are also solved by organizing expert lectures.

4. Career counselling:

- Various career oriented guidance lectures are also arranged through Career Guidance Cell.
- Women Development Cell is also established to deal with the problems of female students and staff.

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If ‘yes’, detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmers).

The Placement Cell of the college organizes campus drive and also enables student to participate in pooled campus drives arranged by other colleges. Beginning of every academic year, the placement cell collects the academic data of all students through placement card and it can be sorted as per company norms. The notice regarding job opportunities and relevant information is displayed on the notice board. The students are informed about the job openings through mail facility (by ‘vitvcacs’- yahoo group) also. The names of selected students are displayed on the notice board.

Placement Cell functions through the following process:

- Screening of the employers and students.
- Selecting students for proper job profile.
- Arrangement of Interviews.
- Obtaining feedback from the employer and the students.
- Workshops and Exhibitions on Career Guidance.
- Maintaining Records.

Details of the programmes organized under the Placement Cell are as follows –

Year	Date	Guest Lecturer	Topic
2013-2014	30/7/13	Mrs. Sandhya Deshpande	Career opportunities in Commerce
	26/9/13	Mr. Chandresh Aadhiya	Interview tips and techniques and resume writing skills.
	3/1/14	Dr. V. B. Patil	Journalist Career
	20/1/14	Mr. Kshitij Shyam	Success through personality development.
2014-2015	19/8/14	Mr. Rahul Reddy	Opportunities in foreign universities
	5/9/14	Ms. Nandita Jain	How to improve self confidence and personality development
	5/9/14	Mr Prakash	How to face interview skills
	22/9/14	Mr Mohammad Ashraf	Web designing and view in market
	26/9/14	Mr Santosh ehali	.NET technique and interview preparation for MNC
	29/10/14	Dr. Sandeep Sangale	Yashogatha for Commerce students
2015-2016	4/8/15	Mr Kushal	Interview skills and techniques
	7/12/15	Mrs.Vishakha Velankar & Dr. Snehal Apte	Self Identification
	16/12/15	Mr. Kshitij Yamini Shyam	Success through Personality Development

List of Employers-

S. No	Name of the Company	S. No	Name of the Company
1.	Brightone pvt ltd	12	Amdocs
2.	IMRB	13.	Webtech developers
3.	Pragmatic	14.	Harbinger
4.	Techsyslive	15.	Tech mahindra-pool campus
5.	SQR infotech	16.	MECOE pool campus
6.	Plural technology	17.	Yardi software
7.	Data fortune	18.	Infosys
8	Cognizant	19.	Xtremmum solutions
9	Wipro	20.	Cape Gemini
10	Syntel	21.	ZS Associates
11	L&T Infotech	22.	Eureka Forbs

Years	Name of Student	Company	Years	Name of Student	Company
2012-13	Akshay Mohire	ZS Associates		Dnyanesh Kamat	L&T
	Prathmesh Dandekar	Yardi S/W		Aakash Madel	Wipro
	Nikhil Supekar	Yardi S/W		Akshay Javeri	Wipro
	Akshay Gurdalkar	Yardi S/W		Akshata	Wipro
	Vilas Ambwale	Yardi S/W		Priyanka jain	Wipro
2013-14	Irfan Paraniya	Amdocs	2015-16	Pooja Nangare	Wipro
	Raju Tiwari	Wipro		Sanjyot Tambekar	Wipro
	Disha Doshi	Syntel		Shivani sapkal	TCS
	Kapil Wanjare	Syntel		Sayali kulkarni	Wipro
	Gautam Mandal	Wipro		Priyanka Jain	TCS
	Tushar Chatale	Syntel	2015-16	Rajul Jain	TCS
	Pooja Wagh	PC Smile		Ankita Naidu	TCS
	Irfan Popatiya	Ignfy		Aditi Rege	Goel Ganga
	Kedar Dattatray	Infosoft		Shivkanya More	TCS
	Rshma Memane	Edrems		Sunanda Jadhav	TCS
	Nikhil Joshi	NIC		Mangesh Pingale	TCS
	Arun Pandey	Pharande Automobile		Dipali gaikwad	TCS
	Amol kale	RVS Enterprises		Edwin Preira	Infosys
	Pankaj Khataavkar	Gurukrupa Communication		Aakash Hirwe	Infosys
	Mohite Uday	LIC		Reshma kharat	TCS
	Sukrut Pansare	Central Park Hotel		Shailesh Kunjir	Affinity
	Anudeep Rampur	RVS Enterprises		Pratik Telkar	173lextronics (I) Pvt Ltd
	Heant Sapkal	RVS Enterprises		Praful Oza	173lextronics(I) Pvt Ltd
	Jayanti Sharma	Kamdhenu Pickels		Urvi bafna	173lextronics(I) Pvt Ltd
	pooja Raut	Antrix Corporation		Kapil Varma	Alltech solution

2014 -15	Kanishk Kumar	Cape Gemini	Sagar Dhage	Alltech solutions
	Uzzair Shaikh	Amdocs	Raunak Gandhi	Techmapublication-IT
	Rekha Pawar	Infosys	Rennil Patthihalli	Compicom
	Snehal shetye	Accenture	Pooja Kulkarni	TCS
	Priyanka Ladage	Infosys	Hussain sodawala	Wipro
	Ankit Thakkar	Syntel	Ajit suryavanshi	ITCUBE Pvt. Ltd.
	Neha parmar	L and T Infotech	Aashish rathod	Cognizent
	Parag Goyal	L and T Infotech	Nikhil shivarkar	Cognizent
	Urvi Bafna	Syntel		
	Tushar Chatre	TCS		
	Nikita Bagade	TCS		
	Somesh Shiwankar	TCS		

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

The College also has a Special Cell to resolve the grievances of students. There hasn't been any incidence of grievance reported to the Grievance Redressal Cell. The students use the Suggestion Box to forward their grievances in written to the Principal office. Till date no major grievances have been reported.

Grievance Redressal Cell		
Sr. No.	Name	Designation
1	Dr. A. R. Patil	Chairperson
2	Dr. B. R. Rode	Member
3	Prof. S.D. Chitnis	Member
4	Prof. Anjum Patel	Member
5	Mr. Suresh Sase	Member

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

- 'Safe Environment' is one of the guiding principle on which the Quality Policy of the college is designed.
- Women Development Cell is established. The cell conduct Women's Personality Development program.
- It also functions as the Guidance against sexual harassment of female staff and students.
- We have organized 'Nirbhay Kanya Abhiyan Yojana'.
- We have arranged Karate Training workshop for girl students.
- Installed CCTV Camera for safety of students, staff and the premises and surrounding of the college is under surveillance.
- Security within the premises: Security personnel have been appointed.
- Police patrol of the premises and surrounding of the college at regular intervals.

In addition, the Discipline Committee is alert for such issues like sexual harassment so as to ensure that no unpleasant incident takes place in the college premises.

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

Yes, the college had constituted an Anti-Ragging Committee and a Discipline Committee. In addition, a flying squad of teachers has been appointed. The squad takes frequent rounds in the campus to prevent unwanted incidences. We are happy to inform that no such incidence had been reported over the last four years.

Following are the Anti Ragging Committee :-(For institute)

Anti-Ragging Committee		
S No.	Name of the member	Role
1	Dr. A.R.Patil	Principal
2	Mr. Balasaheb Oswal	Representative of civil administration
3	Dr. B.R.Rode	Representative of faculty member
4	Prof. S.D.Chitnis	Representative of faculty member
5	Prof. Anjum Patel	Ladies representative of faculty member
6	Prof. Swati Patil	Ladies representative of faculty member
7	Mr.Uday Patil	Representative of Parents

8	Kalpak Shah	Representative of students(senior)
9	Shivkanya More	Representative of students(senior)
10	Venkatesh Pujari	Representative of students(fresher)
11	Roshani Aidasani	Representative of students(fresher)
12	Mr.Suresh Sase	Representative of Non Teaching Staff
13	Mr. Sandip Bhosale	Representative of Non Teaching Staff

5.1.13 Enumerate the welfare schemes made available to students by the institution.

The college offers the following welfare schemes to the students.

- **Book Facility**-Book facility is available to students. Students are provided three subject books.
- **Earn while you learn**- 'Karmaveer Bhaurao Patil's Earn and Learn' facility for poor and middle class Students.
- **Library and internet Facility**- Internet services, Wi-Fi campus and computer labs are available for students.
- **Women's Personality Development Workshop**- A one-day Women's Personality Development Workshop is conducted every year on women's day. On same day Guest lecturer addresses issues related to girls with a view to spread awareness among the girl students of the college.
- **Special Guidance Scheme**- Under this scheme, expert teachers from other colleges / sister institutes are invited in the college to guide students on syllabus related topics.
- As per the University guidelines in the beginning of every academic year, medical check-up and guidance is provided to all students.

5.1.14 Does the institution have a registered Alumni Association? If 'yes', what are its activities and major contributions for institutional, academic and infrastructure development?

The college has an Alumni Association and registration of the same is in process. However, the Alumni Association Committee of the college facilitates association of alumni with the college. The alumni have assisted college in various cultural events like 'Yuva Spandan', 'Purushottam Karandak', 'Chetana', 'Utkarsh', Placement and Career guidance etc. Successful business alumni are invited to deliver the motivational lecture. They are also contributing the various things in form of token which shows their affection towards the college. We are also the integral part of

the Special Winter Camp and the Blood Donation Camp organised by the college.

5.2 Student Progression

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlights the trends observed.

The following table shows the percentage of students progressing to higher education or employment.

Student progression	% (2015)	% (2014)	% (2013)	% (2012)
UG to PG	20%	35%	40%	36%
PG to M.Phil	NA	NA	Nil	Nil
Employed				
Campus Selection	76%	61%	52%	44%
Other Campus recruitment	25%	2%	7%	10%

Trend observed: Increase in campus placement over the years.

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university)? Furnish programme wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.

The programme wise comparison of results of the college and the SPPU results from the year 2011-12 to 2014-15 are given in the table below:

Year	Course	College Result	SPPU Result
2015-2016	M.Sc.(CS)	96%	93.16%
	BBA	73%	76.87%
	B.Com.	45%	57.85%
	B.Sc.(CS)	45%	08.40%
	BCA	43%	52.44%
2014-2015	M.Sc.(CS)	98%	93.30%
	BBA	85%	78.97%
	B.Com.	29%	51.70%
	B.Sc.(CS)	27%	43.14%
	BCA	32%	36%

2013-2014	M.Sc.(CS)	83%	75.08%
	BBA	82%	81.22%
	B.Com.	77%	58.19%
	B.Sc.(CS)	69%	48.98%
	BCA	51%	54.13%
2012-2013	M.Sc.(CS)	88%	73.98%
	BCA	81%	57.19%
	BBA	80%	40.65%
	B.Com.	64%	65.73%
	B.Sc.(CS)	63%	81.22%

Completion rate of last four years (from 2012-13 to 2015-16):-

Class\Year	2012-13	2013-14	2014-15	2015-16
M.Sc. (CS)				
No.of students	23	59	55	48
No.of students passed	20	52	52	46
Completion rate	87%	88%	94%	95.83%
BBA				
No.of students	12	21	24	33
No.of students passed	12	18	22	24
Completion rate	100%	85%	92%	72%
B.Com.				
No.of students	55	68	60	65
No.of students passed	42	49	24	28
Completion rate	76%	72%	40%	43%
B.Sc. (CS)				
No.of students	61	87	49	62
No.of students passed	49	60	13	28
Completion rate	80%	69%	27%	45%
BCA				
No.of students	36	51	41	41
No.of students passed	29	26	13	18
Completion rate	81%	51%	32%	43%

5.2.3.How does the institution facilitate student progression to higher level of education and/or towards employment?

- The college is to strive for excellence in education by developing and sharpening the intellectual potential of students.
- Our objective is to develop all round personality of our students by imparting quality education.

- Making student employable is the biggest concern of the college and for that college is taking extra effort by arranging guest lectures, seminars, skill development programs, personality development programs and so on.
- By providing guest lecturers from professionals in industries for knowledge of current industrial scenario.
- In addition to conventional education, numerous workshops like Aptitude workshop, Microsoft workshop are arranged to enhance career oriented knowledge.
- Special career advisers are invited to introduce different career opportunities in the said field.
- All National and State level examinations guidance by expert faculties e.g. NET- SET workshop.
- As we know Pune city is occupied by many IT parks and industries so graduate and post graduate students from computer science and commerce stream all have very good opportunities to get job. For that purpose our Training and Placement cell organizes campus interviews. Our students got placed with many companies.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

The student profile record collected at the time of admission and the list of defaulters in attendance assists the teachers to identify the students who are at risk of failure and drop out. Accordingly, provision of class teacher for individual attention is made.

- Appointment of special teacher for slow learner and arrangement of extra practical and lectures.
- Interaction of students with seniors or alumni students in order to increase their confidence.
- Guest lecturers for tough subjects by most expert and senior faculties.
- Previous similar but motivational success stories of students for encouragement.
- Provision of remedial classes, practice test, question bank etc.

5.3 Student Participation and Activities:

5.3.1 List the range of sports, games, cultural and other extra curricular activities available to students. Provide details of participation and program calendar.

The details are given below:

- **Sports and Games:** Football, Cricket, Volleyball, Kabbadi, Kho-Kho, Badminton, Yogasan etc. sports activities are conducted by sport section which encourages students to participate in various sport events. Students participate in individual and team events organized at Zonal, Inter-zonal and Inter University level competitions. Students have won prizes at different levels in various sports activities.
- **Cultural:** Cultural activities are conducted by the Cultural Committee constituted by the college. The college has own many prizes in the prestigious intercollegiate competitions. "Vishwa-Carnival" has become a brand name activity of the college. It is planned and executed by the students, teaching and non-teaching staff members. This event is conducted for a Week. The competitions that are conducted are-
- Quiz Competition, S/W Development Competition, Theme Competition, Business Model, Ad - making, Essay writing, Debate(B.Com and BBA), Tech debate(BSc and BCA), Musical chair(Girls, Boys and Staff), Cultural Event (Dance/Song/Play), Retro Day, Rose Day, Traditional Competition, Miss-Match Competition, Tie day-Saree Day, Rangoli Competition, Mehendi Competition, Treasure Hunt, Blind typing etc.
- **Extra-Curricular Activities:** The extra-curricular activities that are conducted under different committees are as follows:
- **NSS Committee:** NSS activities are conducted throughout the year. Some of them are tree plantation drives, blood donation camp, cleanliness drives etc. A seven-day Special Winter Camp is organized at the adopted village.
- **Students' Welfare Committee:** The committee contributes to the academic success, personal development and well-being of the students through various schemes of SPPU.

5.3.2 Furnish the details of major student achievements in co-curricular, extra-curricular and cultural activities at different levels: University / State / Zonal / National/ International, etc. for the previous four years.

The details of major student achievements in Co-Curricular, Extra-Curricular and Cultural activities at different levels such as University / State/ Zonal / National / International, etc. for the previous four years are given below:

Year	Name of student	Competition/ Participation Details	Organizer by	Award

2013-2014	Prabhjyot Singh Taluja	IPCC Examination		Topper
	Vikas Indalkar	Boxing championship	State Level Tournament	First
	Hatim Lokhandwala, Khushboo Singh	University level research competition	University of Pune.	Second round
	Vinod Pawar-I, Umesh Choudhari-II, Rahul Chajjed-III	India's first intercollegiate competitive examination on BlackBerry smartphone	BlackBerry smartphone	Won trophy and scholarship
	Sandeep Shukla and team	Intercollege quiz competition	Modern College	First
	VCACS Team	Cricket Inter College Competition	Poona College	1 st Round
	VCACS Team	Volleyball Inter College Competition	Deccan Gymkhana	3 rd Round
	VCACS Team	Boxing	MIT	2 nd Round
	VCACS Team	Net Ball	Modern College	Pune City zone
	VCACS Team	Open Pune city Muaythai Championship	Bibwewadi	1 st Gold Medal
2014-2015	VCACS Team	Kabaddi Inter College Competition	Sanskar Mandir College	Quarter Final
	VCACS Team	Kabaddi Inter Pune City zonal VCACS Team Competition	Amrut Vahini Sangamner	Selected
	VCACS Team	Kho-Kho Inter College Competition	Kothrud	4 th Place
	VCACS Team	Football Inter College Competition	AISSMS	2 nd Round

	VCACS Team	Cricket Inter College Competition	WADIA COLLEGE	1 st Round
	VCACS Team	Net Ball Inter Pune City zonal Competition	Rupvate college Akole	2 nd Place
	Reddy Malcom John	Interzonal Kabaddi competition		First prize
	Kasar Gaurav Kailas	Zonal level competition in Net Ball		First Prize
	Krishna Gurudas Kadam	Progressive Shree 2015 Body building Competition, Modern Shree 2015	Modern College, Shivaji Nagar and Modern College , Ganesh khind, Pune	Secured 5th position , 6th position
	Vikas Bibhishan Indalkar	National Level Boxing		Gold Medal
	Mohit Surana and Group	State level Dance Competition 'Srujan'	MIT college, Pune	First prize
	Mohit Surana and Group	Dance Competition 'Grooves and Mooves'	Organized by NIEM.	Second prize
2015- 2016	Shivani Chinchode	Student Olymic Association- district level	-	First prize and selectio n for state level YOGA
	Esha Rana	Selected for Zonal Dance Competititon at Ajmer		
	Ajinkya Teli and group	Astitva (Mudra) dance	BMCC College	Second prize

		competition		
	Patel Dipesh Vadilal, Shah Karthik	Avishkar Poster Competition - 2015-16 at Zonal Level	Savitribai Phule Pune University	Winner
	Sinha Rinki and group	Mile Events 2015- Purple Fever Group Dance	Mile Institute Wagholi	
	Jalahalli Raaghavendra Narsingh Raya, Kadu Nikhil Ramdas, Kalokhe Deepak Bhanudas	Quiz competition	SP college	Second runner up and selected at zonal level yuvak mahots av competi tion

5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

- The feedback is taken from graduates and employers time to time. Analysis of that feedback and suggestions are monitored by LMC Committee. Suggestions given by the committee is implemented by the institution for development of performance and other provisions.
- The questionnaires given to graduates, students and visitors are duly filled in and proper analysis is done to understand the requirement in the field of performance and quality.
- Visitor's book is also maintained.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.

- The institution encourages the students to write articles for wall magazines and separate notice board is provided for wall magazine.

- 'VISHWAKARMIYA', the college magazine is published every year which reflects activities of institution. College faculty members and students write their views and some articles in the magazine.
- Computer laboratories are decorated by students with the posters and charts on subject oriented topics.
- On the occasion of annual days various kinds of posters, charts and banners are created by students and printed T-Shirts are given to volunteers for occasions like NSS camp, blood donation camp, tree plantation program etc.
- Newsletter is released monthly that highlights the achievement of students and faculty members and special activities.
- Vishwakarma Trust also publishes a Newsletter that includes achievements of faculty, students, major events conducted by various departments etc

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

Constitution:

Under the provision of section 40 (2) (b) of the Maharashtra University Act 1994 there shall be a Students' Council for each affiliated college, recognized institution consisting of the following members:

1. Principal / Director – Chairman
2. One Lecturer, nominated by the Principal
3. Teacher in-charge of National Cadet Corps
4. National Service Scheme Programme Officer
5. One student from each class, who has shown academic merit at the examination held in the preceding year and who is engaged in full time studies in the college nominated by the Principal; or Director
6. Director of sports and Physical Education, if any
7. One student from each of the following activities, who has shown outstanding performance, nominated by the Principal, namely :-
 1. Sports
 2. National Service Scheme and Adult Education
 3. National Cadet Corps
 4. Cultural Activities
8. Two lady student members nominated by the Principal/ Director (Provided that two of the students from the categories (7) and (8) shall be those belonging to the Scheduled Castes or Scheduled Tribes or denotified Tribes (Vimukta Jatis) or Nomadic Tribes or Other Backward Classes.)

Section 40 of Maharashtra Universities Act, 1994 a student shall be eligible to be, or continue to be, a member of any of the Students Council, only if he is enrolled as a full time student.

The Principal, Course Coordinators, NSS Programme Officer, Director, Physical Education, Cultural Head and Students' Welfare Officer select the representatives of the Students' Council. The selection of University Representative (UR) is made as per the rule.

The Students' Council constituted for the academic year 2015-16 is

The Students' Council constituted for the academic year 2019-2020																																															
1.	Principal/Director-Chairman	Dr. Arun R. Patil																																													
2.	One lecturer nominated by Principal	Prof. Anjum A.Patel																																													
3.	Teacher In-Charge of National Cadet Corps	---																																													
4.	National Service Scheme Officer	Dr.B.R.Rode																																													
5.	One students from each class, who has shown academic merit at the examination held in the preceding year and who is engaged in fulltime studies in the College nominated by the Principal																																														
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6.	Director of Sports and Physical Education	Mr. Rohit Patil																																													
7.	One students from each of the following activities who has shown outstanding performance, nominated by the principal 1. Sports 2. Cultural 3. NSS	Ms. Neha Rane Shailuv D Shah Siddharth More																																													

8.	Two lady students members nominated by the Principal	Ms. Simran Gaikwad Ms. Vaijayanti Badade
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Following is the list of UR (University Representative) of last three years:

Year	Name of UR	Class
2012-2013	Kirad Ankita Sunil	TY BBA
2013-2014	Lokhandwala Hatim	TY BBA
2014-2015	Surana Mohit Mahendra	TY B.Sc.(CS).
2015-2016	Shah Shailav Deven	SY BBA

Activities:

- 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 inter-collegiate and intra-collegiate level.

Funding:

On the basis of the suggestions of the members of the Students' Council, the college spends on the various activities from the fees collected under the heads – Other fees and Cultural fees, as and when required.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

- **NSS:** The institute runs NSS scheme under rules of SPPU, Pune. Student representative is decided by NSS program officer every year.
- **SWO:** The institute runs various schemes under Student Welfare Organization like Earn and Learn, Girl students Personality Development scheme, Special Guidance Scheme etc. In each scheme student representative is present.
- **Anti-Ragging Committee:** Under the rules of University, institute has established the anti-ragging committee. This committee also

includes student representative and it maintains environment of institute healthy, helpful and blithe.

- **Internal Complaints Committee:** Internal complaints committee runs women welfare and development cell, and this committee also solves various kinds of problems related with all students. It includes two student representatives.
- **Library Committee:** This committee solves all the problems related to library and runs the activities of library successfully.
- **Student Council:** Institute runs Student's Council as per the guidelines of University.
- **Class Representative:** Representatives from all classes are selected on the basis of their academic merit as per University rules.
- **Parents-Teachers Association:** Institute runs this PTA and student representative is present on this committee. Regular meetings are taken by this committee and problems related to students are solved.
- **Cultural Committee:** Student Representative organizes various cultural activities under guidance of faculty members included in cultural committee.
- **Editorial board of magazine:** There are student representatives in the Editorial Board of the college magazine.
- **IQAC:** There are student representatives in the Internal Quality Assurance Cell.

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution. Any other relevant information regarding Student Support and Progression which the college would like to include.

- Yes. We have alumni and alumni registration is in process.
- We maintain records of placements given to students through campus interviews.
- We invite alumni for our annual functions and maintain their personal records like contact numbers and addresses etc.
- Groups are also created on Facebook, Whatsapp, twitter, instgram so as to communicate with them. The college invites alumni on several occasions like NSS Camp, Blood Donation Camp, and Annual Social Gathering etc.
- The college invites former teachers on important occasions like Annual Prize Distribution, State Level Competition etc.

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT**6.1. Institutional vision and leadership.**

- 6.1.1. State the vision, mission of the institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future etc.**

Bansilal Ramnath Agarwal Charitable Trust (BRACT) was established on 16th June 1975 and registered as public Trust under Bombay Public Trust Act, 1950 vide no. E-531 (Pune) and started social and educational activities in Maharashtra. Vishwakarma Group has been in the field of education for more than 27 years. It has over 425 scholarly faculties in the Engineering, IT, Management fields who have contributed immensely in educating thousands of students in the last 27 years.

BRACT has started "Vishwakarma College of Arts, Commerce and Science" (VCACS), in the academic year 2007-08.

Following is the vision and mission of the institute.

Vision:

Our Institute aspires to have a better impact on students through quality education by imparting qualities of confidence and excellence.

उद्धरेदात्मनात्मानं (भगवद् गीता अध्याय ६ ओवी ५ वी)

To put it in simple words- one needs to introspect, understand inbuilt qualities, nurture or cultivate those qualities, acquire new knowledge; strive to add on in available knowledge and skills. Thus one can uplift self.

Mission:

"Our mission is to prepare competent enthusiastic, 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."

Objectives:

- To transform the students into well-meaning citizens.
- To nurture vibrant minds and encourage original thinking in the students and to empower them to face challenges.

- To provide academic excellence and to develop well rounded individuals through various learner centric activities.
- To inculcate in students proactive citizenship and sensitize them to respect one another.
- To provide safe environment for learning and sharing.

The mission statement define the college's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, college's traditions and value orientations, vision for the future by following the vision and mission the college provides quality higher education, stands for academic excellence, character formation, moral integrity, encouragement and development of skills to improve individuals according to change.

Vision for the Future

We are providing updated technology with the high quality education at different levels, inculcation of creative and innovative thinking among students to fit within the global competitive world.

In the coming years, institute aims to become autonomous and looking to the need of industry we have planned to develop and design new courses which trends to increase global employability.

6.1.2 What is the role of top management, Principal and faculty in design and implementation of its quality policy and plans?

The college is governed by the BRACT's and Management Society .The top management, Principal and faculty work in synergy for implementing its quality policy. The leadership provides the road map for achieving excellence in technical education and the academic and administrative processes are geared towards realizing this vision.

The role of top management, Principal and faculty in design and implementation of quality policy and plans is detailed below:

Role of top Management

- The Management is in constant touch with the Principal and discuss the plans as and when required and assists in the implementation of the same.
- Annual Review Meeting is organized by the Management along with all the head of departments.
- The top management is responsible for providing funds required to maintain and improve the quality of infrastructure and also for smooth functioning of the institution whenever required.

- The management allows us to conduct various events throughout the year, whose estimated budget is approved by the Management.
- Sets objectives in consonance with the quality policies and shares its vision through periodic Governing Body (GB), Internal Quality Assurance Committee (IQAC) and Local Management Committee (LMC) meetings.
- Hires competent, dedicated individuals to implement teaching-learning process effectively to realize the vision and mission of the institute.
- Creates an atmosphere that is fair, transparent, motivating and conducive to faculty and staff to realize their potential.

Role of Principal

- Shares the vision of the management and decisions taken by the management in the fortnightly meetings conducted with head of the department for academic and administrative review.
- Motivates and monitors a team of faculty and staff to realize the institute's vision and Mission.
- Sets up rules & regulations of the institution for effective governance, transparent administration and participatory decision making for collective responsibility
- Identifies and hires competent, qualified faculty and ensures technical competency by creating opportunities for faculty to grow professionally
- Creates a climate that is challenging, satisfying and ensures faculty retention
- Ensures faculty competency and encourages team building
- Ensures availability of infrastructure and other facilities to satisfy academic and administrative requirements

Role of Faculty

Management and Principal create a climate conducive for faculty to absorb the spirit of the institute's values and sustain it. The involvement of faculty is ensured both by their participation in the department meetings conducted by Heads and also through their representatives in Local Managing Committee (LMC) which is committed to effective governance.

Faculty plans and implements quality policy by:

- Maintaining work schedules for effective teaching-learning in the beginning of the academic year as per the syllabus and complete the syllabus in the stipulated time mentioned as per the University guidelines.
- Periodically class tests are taken by the teachers.
- Revision is taken regularly.

- Whenever required remedial classes are conducted for slow learners.
- In addition, the teachers, interacts with the students and parents for smooth functioning of teaching- learning process.
- Teachers upgrade their knowledge base and skills by attending several conferences, seminars etc. that helps in implementation of the policy and institutional objectives.
- Encourages the students for participation in various competitions and for conducting extra-curricular activities in the college.

6.1.3. How is the leadership involved in?

- **The policy statements and action plans for fulfilment of the stated mission**
- **Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan.**
- **Interaction with Stakeholders**
- **Proper support for policy and planning through need analysis, research inputs and consultation with the stakeholders**
- **Reinforcing culture of excellence**
- **Champion Organizational Change**

➤ **The policy statements and action plans for fulfilment of the stated mission**

The Principal ensures the fulfilment of stated mission by guiding the internal committees to carry out several activities throughout the year. The action plans are prepared in the beginning of every academic year and executed as planned. The vision of the institute articulated through the mission statement is accomplished through the objectives defined for each program.

➤ **Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan.**

The college has constituted a Governing Body headed by the Managing Trustee of trust to look after the incorporation of action plans into the yearly plan. H.O.D. prepares the academic calendar with inputs from the affiliating university (academic calendar) and student activities. The calendar involves a list of academic, co-curricular, extracurricular activities and events listed at the start of the semester. At the end of every academic year in the Annual Review Meeting, the Governing Body reviews the incorporation of action plans into strategic plan.

➤ **Interaction with Stakeholders**

Action plan is formulated by Principal, HOD under direction of the top management in meetings, taking into consideration the inputs from all the stakeholders. These plans are periodically reviewed and effectively implemented through participation of faculty, staff and students.

The advisory committee and student council are two main important academic bodies of the institution. The frequent meetings are held which plan programmes and discuss key issues in tune with the vision and mission of the institution. Decision taken in the advisory committee and student council are communicated properly to the entire students through displaying notices on the notice board and making announcements in the class rooms.

VCACS regularly interacts with industry, research institutes and various stakeholders in the process of curriculum revision as well as design. The various interaction maintained by the institute with all stakeholders is summarized in the following table:

Sr. No.	Name of the stakeholder	Interaction
1	Management	Formal (GB, IQAC & LMC meetings)&informal interactions for consultation and feedback
2	Parents	Parent-Teacher Meetings, representation in IQAC
3	Students	Representation in IQAC, student council, Class Teacher/guardian meetings , informal interactions of Principal , Heads & Faculty
4	Affiliating University	LIC Committee visits to institute for academic and administrative review affiliated courses.
5	Alumni	Alumni meets, representation in IQAC and placement interactions
6	Industry	Placement interactions, Annual HR meet, t experts identified for guest lectures
7	Community	Through extension activities like NSS, SWO activities

➤ **Proper support for policy and planning through need analysis, research inputs and consultation with the stakeholders**

The Advisory Committee and the Research Committee plays their role by giving suggestions in planning the activities of the college. VCACS is open for suggestions. For that purpose a Visitors Book is maintained in which the

feedback and suggestions from the visitors are recorded. Written feedback from stakeholders like students, parents, participants of different programmes is recorded. Analysis of the feedback is used for designing quality policy and planning. Suggestion Box is also provided for the students.

- **Reinforcing culture of excellence**

A system of Management follows objectives to match goal oriented action through effective leadership and faculty participation at all levels. The mission statement fulfills the thrust for academic excellence of the student.

The VCACS Organizational Leadership is flexible and inclusive major that combines industrial requirements with courses for individual's specific career objectives. It transforms individual potential into reality.

Organizational leadership satisfies excellence at the institutional and departmental levels through Annual Strategic Plan, implementing the same, faculty training programmes, organization of workshops, seminars. The VCACS is trying to reinforce the Culture of Excellence in various fields.

College has collaboration with various National and International institutes like KIST, IITM, DRDO, NCL etc to achieve professional growth of faculty and student.

- Culture of excellence is ensured through recruiting quality teachers, providing library and other infrastructural facilities.
- Financial support to the students.
- Strengthening the factors like NSS, SWO.
- Constantly Upgrading Lab, Library facilities.
- General Prizes are given to students for their annual academic excellence.
- Encouraging students to present papers at National Seminars, and also in completing the Project Works by fulfilling their needs.
- The financial support is provided by management for improving the excellence through Workshops, Seminars, Guest Lectures and Exhibitions.
- The Staff are encouraged to improve their qualifications by attending the Seminars, Guest lectures, Refresher Courses, and Training Programmes.
- The Staff are encouraged to act as Subject Experts, Members Cell, Talent Circle and Placement Cell.
- Remedial Coaching Classes for Slow Learners.
- Continuous Assessment helps the students to improve the Culture of Excellence.
- Job Training Activities are conducted through Career Guidance.

- Apart from academics, for careeristic growth of students college encourages them to participate in software application based courses like Robotics, Software Testing, Tally.
- College also encourage students to participate in various activities like Avishkar, Street Play and inter college competitions etc.

Champion Organizational Change

- To increase the effectiveness of the organization, the Principal identifies the needs and initiates various processes for organizational development by forming several committees like LMC, Advisory committee, Research committee and Governing Body. In keeping with the global trends, the college enriches its human capital by recruiting excellent faculty members. The academic ambience and learning infrastructure is continuously updated to suit the technical needs of students.
- Regular meetings are conducted to identify the differences and corrections are done accordingly. Academic demands of the Society are considered and met.
- Staff is responsible for planning and organizing Curricular, Co-Curricular, Sports, Extra-Curricular and Social Development Activities throughout the academic year.
- Constitutional posts are created as per the University guidelines like Chief Examination Officer, Research Coordinator, NSS Programme Officer, Coordinator, Education and Extension unit and Student Welfare Officer to carry out various activities.

6.1.4. What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

The procedures adopted by the institute to monitor and evaluate the overall 'Quality' of academics and administration are as follows:

- The faculty is informed of their duties and responsibilities by the head of department and course coordinator.
- The guidelines and suggestions received from the Academic Advisor and the Principal during the Staff Academy Meetings.
- College staff prepares annual session plans, monthly class tests are conducted, and half yearly exams are conducted to monitor the outcomes of the syllabus.
- Practices College ensures that during the course implementation, the stated plans are achieved. Proper documentations are maintained to

review the outcomes of the curriculum. In a support for this college plans for a remedial classes.

- Viva Voce is conducted in every practical session.
- Class wise monthly defaulter list is to be maintained for excellent class attendance.
- The yearly result analysis works as an input for improvement in the teaching plan. The result analysis is also presented in the LMC meetings and suggestions are put forward for improvement in results.
- The institution has time to time discussion with the stakeholder to ensure that objectives of the curriculum are achieved in the course implementation.
- Feedback and suggestions from the students, visitors and resource persons are taken into consideration and are analyzed regularly.

6.1.5. Give details of the academic leadership provided to the faculty by the top management.

The Management has bestowed the academic leadership to the teachers through the Principal of the college. The Principal has created the post of Head of Department and Course Coordinators in order to provide academic leadership for the respective courses. Strategic goals in order to achieve excellence and sustain quality have been set by the top management and by sharing this vision through interactions (both formal and informal), faculty and staff are motivated to strive towards their realization.

Class Teachers are appointed to control the academic and administrative aspects of their respective classes. The teachers are given freedom to use and explore different teaching methodology according to the requirement of the subject.

The teachers invite subject experts under the Special Guidance Scheme of Students Welfare Unit and Lecture Series facility of QIP is available in the college.

Workshops, Seminars, training programmes are arranged for the teachers to achieve proficiency and update the knowledge of the subjects.

The teachers are encouraged to attend Seminars, Workshops and Training Programmes conducted by other institutes.

6.1.6 How does the college groom leadership at various levels?

The institution supports the leadership at various levels as follows:

➤ At Faculty level

- **Internal Committee Chairman:**

The Principal heads all the Academic and Administrative affairs in the college. The Principal in the beginning of the academic year in consultation with the Course Coordinators decides the Committee heads. The committee Chairman along with HODs and coordinator is responsible for implementation of planned activities conducted throughout the year.

▪ **HODs, Course Coordinators:**

The HOD assists the Principal in releasing his Duties. The college has Course Coordinators who are responsible for smooth functioning of their respective course.

- HODs guides the course co-ordinator and staff .The roles and responsibilities are delegated to junior faculty members under the guidance of HODs and coordinators. The Principal guides all course coordinators, HODs as and when needed.
- The Co-ordinator for PG Courses looks after the M.Sc. (C.S.). The Co-ordinators for B.Com, B.Sc. (CS), BBA (CA), BBA, BBA (IB) and Foreign Language courses look after the courses accordingly.
- The coordinators provide guidance and help to junior staff members as and when required. They take care of the discipline, syllabus completion, extra classes, remedial classes, lecture adjustments at their level and report it to the HODs.
- The Principal guides HODs and coordinators according to the need. HODs and Co-ordinators are the bridge between the Principal and the Staff.

▪ **Committee Members:**

The HODs and Coordinators appoint teachers as committee members. Right person is placed in right place. The Faculty members help in implementation of the various activities.

Thus, this system helps in inculcating leadership skills in the Coordinators, Committee heads and Committee members.

➤ **At student level**

- Student leadership role begins at the level of class representative and General Secretary. Different students hold position for sports coordinators, NSS representative, girl's representative, cultural representative as members of student council.
- Students with potential are selected on the basis of their academic performance, demonstrated leadership capabilities and proven past experience as class representatives of various activities
- Student council helps in organizing and participating in various curricular, co-curricular, extra-curricular activities in the college, University, State and National level.

- By holding roles in NSS and Student Council, they are groomed to be future leaders. Thus, the students learn to manage, lead and organize by participating and leading in these activities.

6.1.7. How does the college delegate authority and provide operational autonomy to the departments/units of the institution and work towards decentralized governance system?

- A high level of decentralization is achieved through delegation of powers, authority to different committees who execute the academic and the extra-curricular activities of the college.
- The work is decentralized by appointing course coordinators. It is the job of Course Coordinator to plan academic activities and purchases of equipments for laboratory development. HOD is responsible for preparing academic calendar, time tables, examination and evaluation schedules.
- The college by forming various administrative committees works towards a decentralized governance system. Decentralization empowers the departments and individual faculty with flexibility in academic administration, and helps the faculty in making decisions.
- Each committee head has given full freedom for decision making. There are sufficient checks to see that these decisions are carefully taken. The principal conducts committee meetings time to time.
- The committee head and members are encouraged to provide their ideas, new inputs during the meetings, which builds a positive approach in the teachers those results in good atmosphere in the college.

6.1.8 Does the college promote a culture of participative Management? If 'Yes', indicate the levels of participative management

Yes, the college promotes the culture of participative management by involving the teaching and non-teaching staff members at all levels of the organization.

Staff Level

- During the staff meetings and Committee meetings the teaching and non-teaching 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 non-teaching 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 non-teaching activities. They can also use suggestion box for giving suggestions in confidence.

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 ensuring 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

6.2 Strategy Development and Deployment**6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?**

Yes, the Institute has formally stated quality policy. Quality Policy of the institute has been developed in consultation with LMC. The Quality Policy was developed by keeping in mind the vision and mission of our college. Quality Policy is driven and deployed through HOD, Course Coordinators and Heads of various committees and members through various learner centric activities. The implementation of the Quality Policy is reviewed by the IQAC

committee and the Management during the Annual Review Meeting at the end of every academic year.

Quality Policy of the institute aims to establish Centre of Excellence of Quality Education by way of --

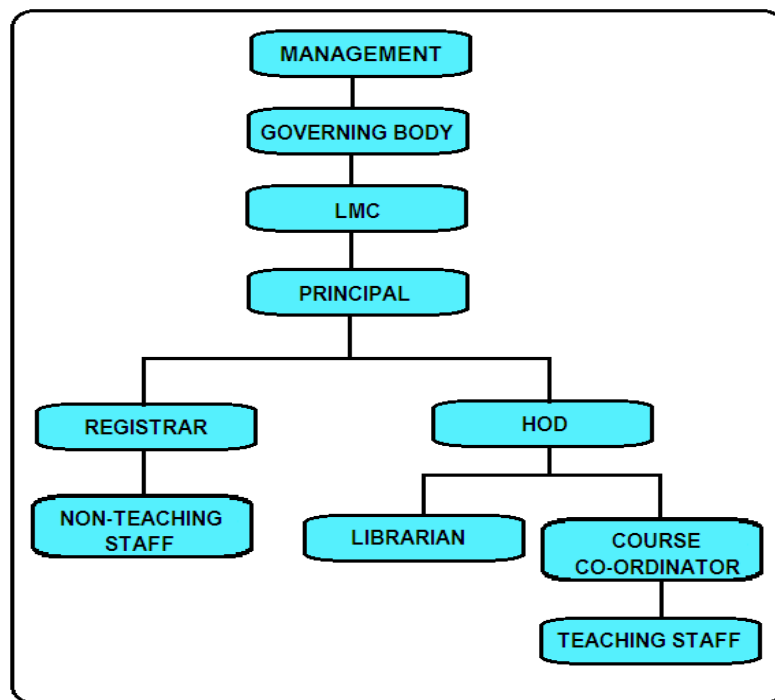
- Inducting faculty having sound knowledge in the field of Science and commerce.
- Proven good results and admitting quality students.
- Developing teaching and learning process by establishing cohesive bond between students & faculty.
- VCACS aims at imparting quality education in the field of Computer science and technology to meet expectations of students, parents, industries and society as a whole with a focus on all round development of a student.
- The institute is committed to equip the students with value added technical skills, in conformation with the current and future needs of the industry.

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

Yes, the college has a perspective plan for development for the next ten years. The Management plans to elevate the college from Degree Level to Post Graduate Level and then to Research Level. The college plans to increase the overall student strength for some courses of the college. It also plans to prepare and submit a proposal for getting permanent affiliation of the SPPU. Finally the college plans to elevate the present academic standard of the college to make the college one of the best colleges in the jurisdiction of Pune.

6.2.3 Describe the internal organizational structure and decision making processes.

The internal organizational structure adopted for administrative purpose is given below:



The administration of VCACS is managed by the following bodies.

Governing Body: The Governing Body formulates policies and directs the affairs of the institution in partnership with the management. It has representation of the management, faculty, government representatives and industry.

Local Management Committee: At the college level, the Local Managing Committee is constituted according to the Maharashtra Universities Act of 1994. It has representatives of the management, faculty and non-teaching staff.

The Principal of the college heads both the academic as well as the administrative sections and is overall in charge of the college.

Heads of department are appointed to assist the Principal in effective functioning of the institute like various academic support units like central library; system department and workshop support the academic programs.

6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following.

- Teaching and Learning
- Research and Development
- Community engagement
- Human resource management
- Industry interaction

- **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 like NPTEL lectures by faculty from renowned institutes of higher learning.
- 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.

- **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.

- **Community Engagement:** The college conducts community programmers through its NSS unit and Women's Forum. The college students and teachers undertake various activities under these units. The college also offers KBP's earn and learn scheme to the needy students under SWO Unit. Different social activities are carried out through different activities like visiting old-age home, orphanage home, donation etc.

- **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:** 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.

6.2.5 How does the Head of the Institution ensure that adequate information (from feedback and personal contacts, etc.) is available for the top management and the stakeholders, to review the activities of the institution?

- The Annual Report of the college is unveiled at the hands of the Management members during the Annual Prize Distribution Ceremony. The Annual Report consists of the reports of the committees, reports of various courses and result analysis formed for the internal administration of the college.

- The activities of the institution are brought to the notice of the top management and the stakeholders through reports presented in the official meetings.
- Regular interaction is maintained with the stakeholders. Review meetings are conducted as per the requirement.
- The notices and other information of the college are published through sources like notice boards and digital notice board. Other sources used for the communication with stakeholders are SMS facility and college website. Website was developed for disseminating information about activities. The Publicity Committee of the college prepares news write ups on every activity that the college organizes and sends it to various news papers. The published news items provide information to the society at large.
- Student interactions with Head, course coordinator and class teacher who then submit a report formally/informally to the head. A consolidated report of the same is submitted to the Principal for rectifications, if any at the institute level.
- Suggestion boxes placed through which anonymous feedback is obtained. This is used to review and rectify performance of faculty, department and institute.
- Interactions with students and their parents as well as alumni's.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

- The Management conducts meetings with the Principal, HOD, Staff Members and the Students.
- The Management members are also accessible to all the teaching and non-teaching staff as and when required. The presence of Management members at college events is a big motivational factor for the college.
- The Management members appreciate the staff for their achievements and remarkable contribution in the events organized. They encourage innovative practices introduced in the college. Felicitation of Heads and Teachers on the occasion of Teachers Day is done by the Management to recognize their efforts.
- The Management also guides to achieve the goals set and tries to improve the productivity of the employees by giving proper guidance, support and help wherever needed.
- They provide infrastructural facilities required/requested by the staff.

- Yearly Performance Appraisal forms are accepted by management.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

The resolutions made by the Governing Body in the last academic year 2015-16 in the meeting held on 10th September 2015 is detailed below. The issues discussed are as follows:

1. To form IQAC Committee for better quality of Academic and Professional growth of College.

Discussed and finalized the IQAC committee members as per the guidelines given by NAAC.

2. To review the progress of Academic and related activities mentioned below.

(a) Results of University Examinations (Under Graduate and Post Graduate courses)

Academic performance of examinations of this conducted by SPPU had declined in comparison with the results of examination held in last year.

(b) Purchase of Equipment

The purchase of the equipment was approved by the Governing Body.

(c) Courses for Value Addition

We have done short courses /workshop on Microsoft certification, Basics of Aptitude, Cyber Security and ethics, tally and competitive examination. G. B. members showed overall satisfaction on the progress of MOUs signed and Value added courses.

3. A review the progress of following activities:

- Training for Soft Skill Enhancement
- Placement activity
- Internship programs for students

4. Report on Conferences organized by various departments of VCACS

The G. B. members appreciated the efforts towards organizing conferences to boost research culture among students.

5. To review the progress of extra-curricular activities:

- National Service Scheme (N.S.S.)
- Entrepreneurship Development Cell (E.D.C.)
- Cultural Activities
- Sports

The G. B. members were satisfied with above activities.

Action Taken Report of G. B. Meeting held on 10th September 2015

Agenda Point No.	Suggestions by GB Members	Action Taken
	Formation of IQAC Committee for NAAC	Finalized IQAC Committee Members.
	Conduct State & National Level workshop	Applied to Planning and development section of SPPU.
	Organization of NSS students Camp	NSS camp organized as per the SPPU guidelines in the month of December.

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

Yes, University has provision for according the status of autonomy under the Maharashtra University Act, 1994, Sec. 89(1) to (3).

Our college is in the process to fulfill the prerequisites for NAAC accreditation.

6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

The college has constituted a Grievance Redressal Cell which promptly attends the grievances and resolves the same in consultation with the Principal. The Cell gives the information about the same to the Management, Principal, and Course Coordinators and to the teachers concerned. The concerned authorities take due care and this result in promoting better relationship with the stakeholders.

The Cell works in association with the Discipline Committee, Examination Committee, Women's Forum and Anti-Ragging Committee.

The various Grievance Redressal Committees established in the institute are given below:

1. Central Grievance Redressal Committee:-

S. No.	Members	Designation
1	Principal	Chairman

2	Senior faculty member	Member
3	Senior faculty member	Member
4	Senior faculty member	Member

2. Internal Complaint Committee:-

S. No.	Members	Designation
1	Senior faculty member	(lady) Chairman
2	Senior faculty member (lady)	Member
3	Non-teaching staff (lady)	Member
4	Non-teaching staff (lady)	Member
5	Support staff (lady)	Member

3. Reservation Grievance Committee:-

S. No.	Members	Designation
1	Principal	Chairman
2	Faculty Member from reservation	Member
3	Non-teaching member from reservation	Member

4. Hostel Committee:-

S. No.	Members	Designation
1	Principal, VIIT	Chairman
2	Director, VIM	Member
3	Principal, VCACS	Member
4	Director, VGBS	Member
5	Senior faculty member, VIIT	Member
6	Senior faculty member, VIM	Member
7	I/c Student Desk, VCIC	Member
8	Resident Guardian, VIC III	Member
9	Estate Manager	Member

5. Canteen Committee:-

S. No.	Members	Designation
1	Head of one of the departments	Chairman
2	Heads of all other departments	Members
3	Accounts Officer	Member
4	Registrar	Member

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

No such court case is filed by and against the college.

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If yes, what was the outcome and response of the institution to such an effort?

Yes.

- The college takes the feedback from the students once in semester. The Principal along with administrative staff collect and analyze the feedback. Specially designed feedback format is used for this activity.
- Students also use the suggestion box for dropping their feedback and general suggestions.

Feedback is analyzed for necessary changes in infrastructure, academic and administrative procedures.

6.3 Faculty Empowerment Strategies

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non-teaching staff?

The institute is committed to high quality, ongoing, and sustainable development and ensures this by facilitating learning opportunities for its faculty, staff, and administrators. This is achieved by providing a wide array of educational opportunities for employees at all levels who want to learn new skills or enhance their job performance and by promoting a culture of life-long learning for professional development.

To continuously build awareness, knowledge, skills, and on-going growth, the institute has adopted the following policies for enhancing professional skills of faculty and for encouraging research and consultancy.

I. Enhancement of professional skills of faculty and non teaching staff:

- Encouraging faculty for higher studies for Ph. D/ post-doctoral research to centers of higher learning and excellence
- Encourage faculty to have membership of professional societies
- Concessions are given to faculty for pursuing higher studies by way of special Leave / concession in teaching load
- Concession in fees is to be given to non- teaching staff for pursuing higher studies

- In-house faculty development programs are conducted to enhance professional, teaching and communication skills
- Training programs for staff, to upgrade technical skills and English Proficiency / communication skills
- Encourage faculty to present their research work at conferences (National and International) and share their technical expertise as resource persons at Workshops / seminars/conferences
- Providing access to faculty for Internet, e-learning resources, library facilities, National and International journals, lectures of experts from reputed institutes (NPTEL), etc
- Internal workshops are conducted to motivate staff by including components of stress management, improving interpersonal skills and creating a psychological climate conducive to professional and personal growth
- Creating an atmosphere to promote life-long learning

II. Enhancing contribution in Research and Consultancy

The policies adopted for enhancing faculty contribution in research and consultancies are as follows:

- Financial assistance is provided for attending conferences, filing patents etc.
- Generating awareness amongst the researchers and providing support related to various proposal formats of different funding agencies, budget, purchases of equipment and material under research schemes, account and audit of project expenditure, any additional infrastructure requirements of the researcher etc

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

The various strategies adopted by management of the college for empowerments of teaching and non teaching staff are:

- College maintains the record of the faculty in Faculty Profile detailing education, experience and training.
- Training needs based on the competencies of faculty are observed and identified by the Department Heads and training is given in house or through external sources. The effectiveness of training is evaluated by the Department Heads after the interval of six months. This may be in the form of observing performance /output.
- The achievements of the faculty members are recognized and appreciated.

- The Principal takes regular meetings with faculty to get feedback on the progress made on the planned programs. Monthly reviews of the activities planned and executed by the committees are regularly conducted.
- Before commencement of teaching, Course Coordinator/senior faculty conduct FDP for faculty of a particular subject in order to form a common strategy for teaching-learning, share techniques of classroom teaching and to prepare necessary study material for students.
- Orientation programs are conducted for newly joined faculty to acquaint them with academic and administrative processes adopted for realizing the institute's vision and mission
- Identifying training needs for Staff/ Lab Assistants/ Tech. Assistants and planning and arranging internal training programs to meet the identified needs/ deputing them for external training programs

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

- Self appraisal and performance appraisal systems are maintained in the college. The appraisal report is submitted to the principal through the respective head of departments.
- The students are asked to evaluate each teacher who teaches them with the help of printed feedback form. Face to face guidelines are provided to performing teachers and non performing teachers. Faculty meets Principal along with HOD and necessary corrective measures are discussed. The institution ensures confidentiality in the analysis and feedback appraisal.

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to appropriate stakeholders?

- The management and principal plays active role in the performance appraisal of the faculty. The performance appraisal report is submitted to the management and further decisions are taken jointly about their appraisal. The scores are communicated to the faculty in a review meeting.
- Student's feedback is taken and analyzed every year and necessary steps taken.
- Based on the performance in teaching, research contribution, institute, University level contribution etc. performing faculty members are felicitated with cash award and 'Letter of Appreciation'. The 'Best

Employee' is awarded to the faculty having excellent performance in a particular category.

- Low performing faculties are counseled by Head of the department and the Principal. Suggestions are given to overcome shortcomings and mentors are assigned to guide and motivate the faculty to perform better. In extreme cases letters of non-performance are given. Confidential Report of the faculty is used by the management to declare termination.

6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff percentage have availed the benefit of such schemes in the last four years?

Welfare schemes available for teaching and non-teaching staff are as follows:

Additional pay of 20% in lieu of Sixth Pay Commission	Implementation of Sixth pay	Provident Fund
Gratuity	Fee concession to children of faculty & staff studying at VI	Credit Co operative Society

- A credit co-operative society on campus is run by the teaching and nonteaching staff members for meeting the necessary financial needs. The details of members and those who have availed financial assistance over the last 3 years is given below.

Sr. No.	Financial Year	VCACS Members	Members availing benefit	Total amount disbursed
1	2015-16	6	5	4,10,000.00
2	2014-15	6	3	1,19,300.00
3	2013-14	5	3	54,000.00

- **Provision for EPF** is made for regular employees.
- **Group Gratuity Scheme** is available as per Government norms.
- **Fee concession** is provided to children of faculty & staff studying at VI.

- **Financial assistance** is provided to staff to pursue higher studies and also provided to meet emergency medical expenses of staff and family members

6.3.6 What are the measures taken by the institution for attracting and retaining eminent faculty?

The college management adheres to central and state government policies on recruitment. For attracting eminent faculty college is publishing advertisement in English and Marathi newspapers and also displaying such advertisements in SPPU. Wide publicity is made through various sources available.

Through SPPU selection process, the eligible and qualified faculty members are appointed. In addition to this, Local Management Committee of the institution is appointing faculty. The college gives freedom of work and gives opportunity to excel in the domain as per liking of teacher. Well qualified and professionals, subject expertise and concerned about student welfare are recruited, trained and retained.

Flexibility in working hours, healthy institutional environment and absence of politics and goodwill of VI are major factors for attracting and retaining faculty.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

VCACS is a self -financed institution affiliated to the SPPU. Institute has made the necessary provisions in the books of accounts towards efficient use of available funds for each academic year. Fixed Deposits, Various current and savings accounts, are kept reserved for various expenditure. As per guidelines of Management and Principal, Variance report of sanctioned budget and actual expenditure are regularly maintained every month. Day to day control of balance, funds utilization accounts are prepared and system of monthly cash flow statement is maintained by the institute.

The college has a well formulated financial policy which ensures effective and optimal utilization of finances for academic, administrative and development purposes which help ultimately in realizing the institute's vision and mission.

Towards this end, every year, the budget is prepared well in advance after taking into consideration the requirements. The budget is reviewed by the management and approved after necessary changes. As and when required, the

institute makes a provision for advance/ additional funds. The Principal and the heads discuss the requirements and decide the priorities while allotting financial resources for various purposes also ensuring optimum use of available financial resources. The Governing Body studies the annual expenditure, scrutinizes the budget and provides feedback for efficient use of financial resources. A Purchase Committee (comprising of Principal, Management Representative and Managing Trustee/Chairman of the Trust) monitors the purchase as per the sanctioned budget. Department heads ensure that suitable equipment with the right specifications are procured at competitive, optimal prices. Budget utilization is periodically reviewed by the management and corrective measures are taken, if required.

Financial audits are conducted by a chartered accountant every financial year to verify the compliance with established processes.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

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.

External Audit was conducted in August 2016 for the period 01.04.15 to 31.03.16.

No major audit objections were reported.

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

The major sources of institutional receipt/ funding are Fees received from the students. Income from other sources is consultancy, interest on fixed deposits and saving bank account.

Income and expenditure of Last four years are attached in annexure IV.

Reserve fund & corpus fund is maintained by BRACT as per the rules and regulations for charitable trusts as laid down by the charity commissioner. Any shortfall/deficit is managed by taking assistance from the Trust (BRACT).

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

In addition to available funds from student fees and from the Trust, for any requirement, the institute takes efforts for securing additional funding in the following manner:

Sr. No.	Type of funds through which grants received	Amount received in lakhs
1.	Research Grants	1,86,725.00
2.	Consultancy	15,08,415.00
3.	Student Welfare Board SPPU	4,75,408.00
Total additional funding received in last four years		21,70,548.00

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

- a. Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?
 - b. How many decisions of the IQAC have been approved by the management/ authorities for implementation and how many of them were actually implemented?
 - c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.
 - d. How do students and alumni contribute to the effective functioning of the IQAC?
 - e. How does the IQAC communicate and engage staff from different constituents of the institution?
-
- a. Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

Yes, the IQAC committee has been constituted in the year 2014-15 and has started working as per the guidelines given by NAAC. The college has a well-defined Quality Policy in place.

b. How many decisions of the IQAC have been approved by the management/ authorities for implementation and how many of them were actually implemented?

The Management usually approves most of the decisions taken by the IQAC. Following are some prominent decisions approved by the Management:

The suggestions wherever needed are accepted by the management and communicated to the Principal for effective implementation.

Sr. No .	Agenda Point	Details of discussions and conclusion	Action Plan
1	Recommendations from GB and suggestions for continuous improvement in the infrastructure	<ul style="list-style-type: none"> • Providing separate ground to the students. • Providing a reading room to the students. • Installation of Closed Circuit Camera surveillance CCTV system in the college. • Bore-well to College for sufficient water supply • Providing Gymkhana and swimming pool Facility to student 	Activity to be planned and executed in 2015-16
2	Recommendations from GB and suggestions for student and staff welfare	<ul style="list-style-type: none"> • Wi-Fi Internet facility is made available to all staff members and students. • Selective books are provided for all staff & students. 	Activity to be planned and executed in 2015-16
3	Additional points for improvement	<ul style="list-style-type: none"> • Health Care Centre. • Library automation. • Providing boy's common room . • Auditorium of 1000 capacity. 	To be complied

c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

IQAC has external members from the field of academics and industry. They give suggestions from time to time. The suggestions implemented by the college are:

- Signing MOU's with Foreign Universities for faculty development and Research.
- Starting value addition courses for the students, like Tally ERP, Software Testing and Soft Skill Development Programme.

IQAC Committee members

Sr.No.	Name	Designation
1	Principal	Chairman
2	Registrar	Member
3	Accountant	Member
4	HOD of Commerce and Programme Officer NSS	Member
5	HOD Computer Science	Member
6	BBA (CA) Coordinator	Member
7	B.Com. Coordinator	Member
8	BBA Coordinator	Member
9	BSc(CS) Coordinator	Member
10	Management Representative	Member
11	Local Society Nominee	Member
12	Student University Representative	Member
13	Alumni Co-ordinator	Member
14	Employer from Industry	Member
15	Stakeholders	Member
16	Director of NAAC and T & P Officer	Naac Cordinator

d. How do students and alumni contribute to the effective functioning of the IQAC?

The students contribute to the effective functioning of the IQAC in the following ways:

- The Principal, through the HOD, Course Coordinators and Teachers receives students feedback regarding additional infrastructural requirements,

conducting various Co-Curricular, Extra- Curricular, Extension Activities, cleanliness of the campus and adequate library facilities. This feedback is forwarded to the IQAC for consideration.

- The college has a mechanism to seek student feedback about teaching learning process at the end of the semester. The feedback is analyzed and put forward to the IQAC for further necessary action.
- We have applied for the alumni association. However, we have internal alumni association.
- Alumni and passing students are motivated to provide feedbacks with forms such as exit survey and alumni feedback. Such data is then carefully screened and analyzed to academic quality improvements.

e. How does the IQAC communicate and engage staff from different constituents of the institution?

The IQAC calls for suggestions from the teaching and non teaching staff members about various ways to enhance quality in academic and administrative activities of the college.

IQAC has heads of the departments as members who represent the faculty of the department. Quarterly meetings are held to ensure the progress of the institute and various departments.

As per progress report, Heads of the department give instructions to the teaching and non-teaching staff for improvements in the overall teaching and learning process.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalisation.

Yes. The college prepares Academic Calendar every year in which the details of all the Academic, Co-Curricular and Extra-Curricular activities to be conducted by the college throughout the year are incorporated. Teachers prepare session plans in every semester to ensure the completion of the syllabus well in time by taking follow up every week from all the teachers.

We have adopted various innovative technologies in teaching by providing LCD projectors, Laptops, necessary software, Wi-Fi, internet etc.

Supporting administrative reforms like timely information to students, disbursal of scholarships, providing necessary campus amenities and improving evaluation system, have also improved the teaching-learning environment for the students.

Student amenities have been improved based on the feedback from students.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

Yes, the college conducts Faculty Development Programmes to enrich and update the knowledge of staff members. The college organizes Workshops, Conferences and Seminars. The college also motivates staff members to participate in National and International Seminars and Conferences to enhance the quality of academics.

All these steps taken by the college have helped the teachers in marching towards excellence in education, enhancing their academic growth as well as growth of the college and contributed to the development of a positive attitude towards autonomy.

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

Every year college is audited by Local Inquiry Committee (LIC) of SPPU to ensure the academic growth of the institute. Suggestions given by the committee are positively considered and implemented. The college fulfils compliance report every year after the LIC visit stating the suggestions and changes implemented by the college.

The suggestions given by the various committees are thoroughly considered by the institute and the shortcomings are addressed. These audits have helped in improving our academic and administrative processes.

The Principal communicates in this regards during the meetings held with Heads of the department and staff. The Heads of the Department also review the various academic activities during the department meetings and guide the staff members accordingly.

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

As the college is affiliated to the SPPU, it follows all the quality procedures suggested by the University. College appears before Local Inquiry Committee

(LIC) every year which assures that the college is following the relevant quality assurance mechanisms.

The college IQAC updates itself regularly with the new mechanisms/requirements of external quality assurance agencies/regulatory bodies through their circulars/ notifications and website. This is further studied by the IQAC and discussed by the Principal with Heads of departments. Decisions are taken and implemented for ensuring alignment with the requirements.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

Feedback about the teaching of every teacher is taken from the students at the end of every semester, and is analyzed. On the basis of analysis improvement areas are suggested to the respective faculty member. This leads to quality improvement in teaching.

CRITERION VII: INNOVATIONS AND BEST PRACTICES

7.1 Environment Consciousness

7.1.1 Does the institute conduct a Green Audit of its campus and facilities?

Yes, we conduct Green Audit through approved agency (GREENSOLUTIONS PROVIDER MEDA Regn.No.:MEDA/ECN/CR-01/2014-15/EA-29) (ISO 9001QUALITY MANAGEMENT ,ISO 14001-ENVIRONMENT SYSTEMS, OHSAS 18001-HEALTH AND SAFETY). Our B.Com and B.Sc.(CS) students have conducted a survey under the 'Environmental Awareness' subject which helped us to find the status of waste management in the campus. In this program, we also include our teaching, non-teaching staff and our students. The college organizes rallies and speeches to motivate the people and the students. We also perform plantation programs in the college premises as well as around the college area and arrange poster competitions for the students to motivate them.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

- Energy conservation
- Use of renewable energy
- Water harvesting
- Check dam construction
- Efforts for carbon neutrality
- Plantation
- Hazardous waste management
- E-waste management

- **Energy conservation**

Minimal consumption of energy is the method of energy conservation in the campus. 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 conducts regular petroleum conservation awareness programme under NSS. We also conduct 'No Vehicle Day' and celebrate the 'Bus Day' on '1st November'. On that day most of our teachers and students come by bus and rest of students and teachers prefer walking. 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. The campus has installed LED light technology system to save electricity.

Energy Audit summary.

From the Monthly Electricity Bill Analysis, the average electricity consumption is 1727 kWh/month amounting to Rs.17,412. The yearly electricity bill is around Rs. 2.1 lakh.

S.N.	Recommendations	Savings		Investment	Simple Payback
1	Installing 18W LED tube lights in place of existing 40W Tube lights	4320	43554	70000	1.6
2	Replacing 36W CFL by 18W LED	3240	32666	70000	2.1
3	Replacing 150W street light by 75W LED fixture	2365	23846	36000	1.5
	Total	9,925	1,00,066	1,76,000	1.8

Apart from the above projects, as a renewable energy and sustainability initiatives, it is recommended to install 15kWp roof top solar PV power plant which can cater to the annual electricity consumption of the college.

- **Water harvesting**

Water conservation methods are adopted in college. Spring loaded stoppers are fitted to minimize water loss. The college has adequate facilities to collect the rainwater for the purpose of gardening. Any leakages in the tap are immediately reported to the maintenance department to save water. We arrange the special camps for water saving and plantation of trees. We use conserved rainwater of our college for plantation and non-drinking purposes.

The institute has implemented rainwater harvesting, which has saved significant amount of water expenses. This system recharges the institute borewell.

- **Check dam construction**

We have constructed cement road in the campus and as a social activity, our students have built bunds by using cement and other materials. Our students have contributed in work of leveling of the ground, percolation of water etc.

- **Efforts for carbon neutrality**

The campus is pollution free. Cigarettes and tobacco products are strictly prohibited in the campus.

To reduce carbon emissions, the college conducts a PUC certification drives. The college limits energy usage and emissions from building and equipment (like computers). To reduce carbon, we celebrate 'No Vehicle Day'. We motivate people for reducing carbon and for that purpose we use posters, rallies, street-play etc. Students' trainings are conducted for carbon neutrality.

- **Plantation**

The college organizes periodic camp in the campus to inculcate the values of plantation among students and faculties. There are about 310 trees of various kinds in the campus. We conduct various environmental projects in our campus. For this, we give 'Best Project Award' to the students to motivate them. Tree plantation drives are conducted in the month of July every year.

- **Hazardous waste management**

As the college does not generate any hazardous waste, no hazardous waste management is undertaken by the college.

- **E-waste management**

E-Waste such as CDs, electronic components etc. are placed in E -Waste Disposal Cabinet located in the store room and disposed periodically along with other waste. Monitors, Key boards, CPUs, Printers etc., which are not in use are segregated and scrap given to the authorized agency (Sayma E-Waste Solutions, Address- S No.323,Plot no B/27,Mouje Uruli Devachi,Tal-Haveli, Dist-Pune (Registration No.BO/RO(HQ)/HW/E-Waste Collection Center2015/K/B-4584

In 2015, disposal done for CRT Monitor- quantity 03 Nos. and CPU – quantity 03 Nos.

In 2016,disposal done for CRT Monitor- quantity 09 Nos. , CPU – quantity 02 Nos, Key Board- quantity 14 Nos,Mouse - quantity 09, Dealing Switch- quantity 02 Nos, UPS 600 Watt - quantity 01 Nos ,Laptop Battery- quantity 02 Nos.

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

1. Farmers' Suicide in Maharashtra- Causes and Cure:

Large number of farmers in Maharashtra have committed suicide due to various reasons like scarcity of rain, failure of crops, resowing, debt created due to various farming and domestic expenses etc. Understanding the severity of the situation, our students have visited various rural areas in Maharashtra to study the reasons behind such suicidal tendencies.

Commerce students studied the various facets of farming related expenses and prepared the balance sheets for the farmers to keep the track of their expenditures and income incurred in farming. To relieve the excessive stress in farmers, students suggested various methods like:

- Starting of small scale industries like dairy, poultry, and cottage industries to improve their financial conditions.
- Practices like women's self help group, providing farm products directly to consumer by eliminating the middle man.
- Providing financial aid to farmers by various government and non-government agencies like co-operative banks etc.
- Counseling to indebted farmers.

Apart from this, students, teachers and non-teaching staff from our college have provided financial help to farmers from such drought prone areas.

Such financial aids are collected and are handed over to 'NAM foundation' who is striving for the same cause.

College has conducted activity for students on Suicide Prone Farmers. The Objective of this program is to find reasons and Solutions for suicide of farmer

and to help other farmers to improve their financial condition. College has prepared Questionnaire including various questions about farming.

Questionnaire Sample

- How many crops do you grow in year? Mainly which crops do you grow?
- How do you market your crops?
- Are you aware of Government plans and facilities?
- Do you do any other work or business to contribute financially to your family?

Understanding the severity of the situation, our students have visited various rural areas in Maharashtra to study the reasons behind such suicidal tendencies. Students have visited farmers from villages nearby Pune district like Nigade(Bk), Pargaon Memane, Khanapur, Shindewadi, Bhor, Daund, Velhe, Shirur etc and filled questionnaire is collected from them.

Findings -

- In this survey we found that, the main cause of Farmer's suicide is poor financial condition, lack of Fund Management, and lack of marketing skill. Also there is an inverse proportion of production cost, expenses, gross income and profit.
- Students found that some farmers are still using traditional methods of farming, extra use of chemical fertilizers, no supportive source of income, no use of modern technologies of Farming, no proper marketing of products etc. So a proper management of available funds and marketing skill is need for such farmer's.
- From this questionnaire, students found that there is a great need to establish a proper relation in between all the factors of Farming. Also to get more profit it is necessary to prepare Balance sheet on primary basis.

Action –

- As a part of this program student have revisited above mentioned village farmers for guiding them on the basis of questionnaire result. A meeting with all the farmers was arranged to suggest them few ways to increase production and profit. Students also explained advantages of maintaining balance sheet.
- To increase profit, students suggested ways like – Use of natural fertilizer and use of limited amount of chemical fertilizers, use of Modern technology, Animal husbandry like Poultry, Dairy, Sericulture, and Pisciculture as a Complementary occupation to agriculture.
- A 'Zero Budget Natural Farming Theory which is invented & proposed by Mr. Subhash Palekar Who received a Padmashree Award by Government

of India. The same theory was explained by the students and they enforced farmers to use this theory of farming.

- Students from marketing subject explained efficient use of marketing in farming, how to develop marketing skill. Many farmers were unaware about the various scheme and programs conducted by the government bodies for better agricultural practices.

Impact - All these activities help farmers to improve their financial condition through increase in profit.

Soil Testing:

- Plantation of suitable trees in college area based on quality of a soil in that area. (names of plants according to soil)
- Study of crops and trends in a crop.
- Use of fertilizers and pesticides according to requirement.
- Determine the quality of fields by soil and water testing and giving the proper advice to farmer based on the result of the same

Preparation of report based on soil testing from various areas e.g. soil testing from areas like Nigade(Bk), Khanapur, Shindewadi etc.

Findings -

- Some farmers yield same crops for so many years without any alteration in crop types. Also excess of watering, use of chemical fertilizers results in low quality soil. Due to these farming practices fertility level of soil has decreases. The farmers find it extremely difficult to know the proper type of fertilizer, which would match his soil.
- Soil testing enables them to find out the quality of soil and helps to determine how fertilizer needs to apply. Following attributes of the soil are identified:
 - Current pH levels of soil.
 - Fertility levels of the principal nutrients.
 - Type and quantity of lime soil needs.
 - Nutrients need to be added to soil as fertilizer.
 - Amount of fertilizer crop and soil needs.

The basic objective of soil-testing programme is to provide a better service which lead to more economic use of fertilizers to farmers and also tends to better soil management practices for increasing agricultural production. So college has conducted soil testing programme in which soil samples are taken from various villages in pune area.

Action –

Soil testing is done from a 'ConstrologiX Engineers & Research Services Pvt. Ltd.' (An ISO/IEC 17025:2005 NABL accredited Laboratory) in which test

of following plant nutrients like PH level of soil, % of Sulphur, Chloride, Calcium Carbonate, Total soluble solids and organic matter etc is done.

On the basis of this result college has recommended farmers from whose farm a samples of soil has been taken. The reports of these samples are then handed over to respective farmers by taking guidance from the Agricultural officer of village.

Impact-

After one year, College has observed that there is huge change in Farming practices of farmers. Soil testing greatly helps all these farmers to improve their crop production with minimum expenses on fertilizers.

Health Club:

According to, The World Health Organization (WHO) standards to nurture student in his/her all aspects of life including physical and mental health college conducts various activities as follows.

A. Innovative practices for Nurturing Physical Health:

1. Every year in the month of August, College has conducted a complete Health Check up program for students as well as for all the staff and faculty. It included a general medical check-up, height, weight, hemoglobin count test. In this program Medical assistance to girl students is given by a Female doctor.
2. College is expanding this activity for all the students to check hemoglobin count. According to this report the students who have less hemoglobin count than normal, are advised to follow a certain dietary plan. This activity is repeated to examine the improvement in hemoglobin count of the concerned students.
3. A blood donation camp was organized in our college. It was conducted in the campus and the response was huge. Many students voluntarily came up to donate the blood.
4. College has conducted guest lecture on current issues faced by the youth about their health like Changing lifestyle, Junk food and its hazardous effects on health, Diseases like Diabetes, Cancer, Heart Attack, alcohol and drugs etc. With respect to these problems guidance is provided by the doctor to the students.
5. 'World No Tobacco Day' is observed in college every year on May 31. The day is further intended to draw attention to the widespread prevalence of tobacco use and to negative health effects.
6. Aiming at intellectual and social upliftment of the female students, the college stands for facilitating women's empowerment through guest lectures, seminars, awareness programmes and other welfare activities.

The Women's Empowerment Initiative aims to cultivate confidence and courage by fostering the achievements of women. It strives to empower current and future leaders, and to provide learning, networking, and recognition opportunities for students, staff and faculty. Also college has arranged a self-defense training program for girls in which a basic training of Judo Karate is given.

7. Every year, 5 lakh people in India die waiting for an organ donor. Only 0.08 per cent of Indians donate their organs to the needy so '**Organ Donation Day**' is celebrated on 13th of August every year with an aim to motivate students to donate the organs as well as to understand the value of organ donation in the life of an individual.

B. Innovative practices for Nurturing Mental Health:

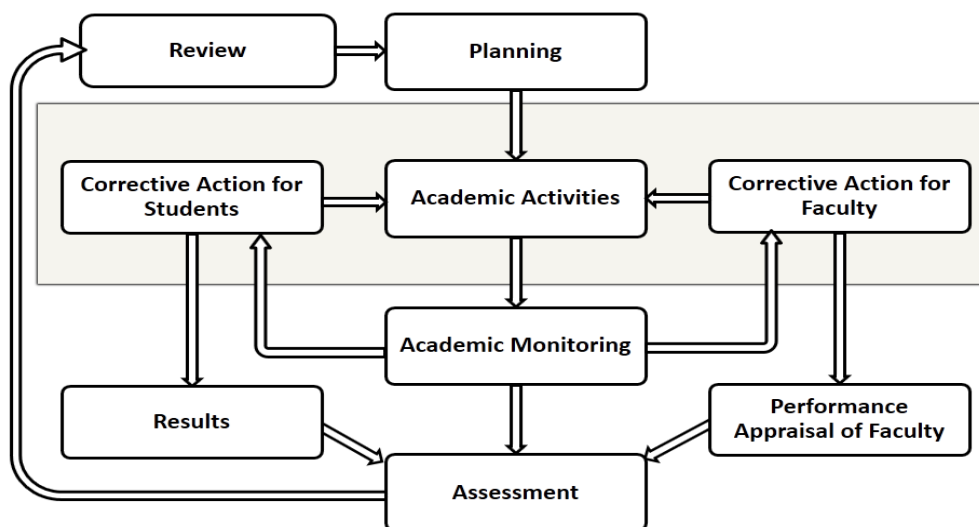
1. In addition to physical health, positive mental health is also needed for the students to realize their full potential and to cope with the stresses of life. So college has organized Health check-up program for mentally stressed students in which record of such students is maintained and regular follow-up is taken by a psychologist.

2. Aptitude test, Intelligent Quotient (IQ) tests are also conducted by the college on prepared questionnaire and on the basis of results a personal counseling is done.

The program helps the students in maximizing their potential and in balancing emotional quotient (EQ) with intelligence quotient (IQ). The program motivates the students to elevate their performance goals and willpower by identifying their strengths and overcoming their weaknesses.

3. On 12th January '**National Youth Day**' was celebrated by the students in college by performing the parade, speech on Swami Vivekananda, Yogasanas, etc. Lectures and writings related to the ideas of Swami Vivekananda are also performed by the students to inspire the Indian youths.
4. To inspire Students College has organized a guest lecture on Mental Health.
5. '**International Yoga Day**' was also celebrated annually on June 21 since its inception in 2015.

In addition to such practices class teacher as a counselor, tries to understand students' academic and personal problems, and guides them for improving their academic performance as well as their personal lives. All teachers are always ready to support student's to get balanced physical and mental health for social well-being.



- Preparation of Academic and Activity Calendar.
- Time table preparation as per work load assigned to faculty.
- Preparation and implementation of teaching plan (Theory and practical's).
- Conduct of FDP by course coordinator/senior faculty before the commencement of a semester for effective and uniform delivery of course content.
- Periodic review of syllabus covered in course coordinators and department meetings.
- Remedial lectures and make-up lectures (and/or practical sessions) are conducted as per requirement.
- Assessment and review of academic performance of students.
- Mid-term submission is conducted to review practical performance and continuous assessment of term work
- Corrective action for non-performing students.
- Submission and scrutiny of performance appraisal of faculty and staff at the end of each academic year.
- Letters of appreciation to best performing and corrective actions for non performing faculty.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

College communicates its quality assurance policies, mechanisms and outcomes through the following ways: Various policies, mechanisms and outcomes are displayed on college website and display boards, the college prospectus, formal meetings and personal interactions with the stakeholders, notices etc. Academic Calendar is designed stating the activities planned by the college for the year which is sent to the management as well as staff. Monthly staff academy meeting is conducted and the minutes of the meetings are recorded. All important decisions, activities, plans are communicated to the entire faculty and students through regular Circulars/Notices display on the Notice Board and on the Digital Notice Board. Teachers maintain communication with parents, alumni and management through mails and phone calls at regular intervals.

The institution communicates its quality assurance policies, mechanism and outcomes to stakeholders through:

- GB, LMC, and IQAC meetings.
- Meetings with Heads.
- Faculty and staff meetings with Heads.
- Principal meetings with office/administrative staff.
- Meetings with Student Council.
- Notice/ Circulars/ E-mails to respective departments/ social media.
- During Parent-teacher meetings.
- Informal interactions with students, parents and alumni.

7.3 Best Practices

7.3.1 Elaborate on any two best practices in the given format page no. 98 which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college.

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.

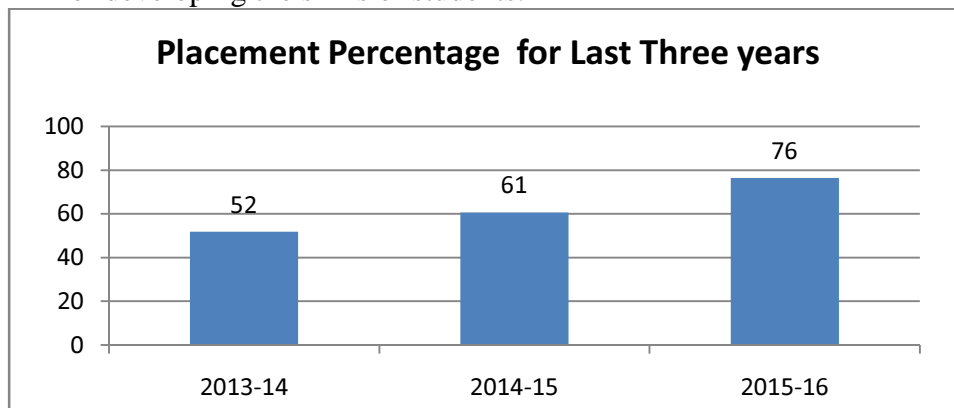
We have make tie-ups for institutes for providing trainings for our students on different platforms such as Java, .Net, Testing courses for computer faculty students and CA,CS(company Secretary), ICWA(Institute of Cost and Works Accountant) etc for commerce faculty student. We have tie-up for institutes 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.



- One of our student Vaijyanti Badade has made record in **Guinness book and Limca book** for the **Karate Marshal Art** (Braking of 2000

- Bangalore roof tiles on different parts of body) in July 2016.
- Prabhjyot Singh Taluja got 9th rank all over India in **CPT Exam**. Also Rohit Chuttar and Pratik Patel got passed in **CPT exam** in first attempt.
 - Shivani Chinchode achieved **bronze medal** with 3rd rank in **International Yoga Day** at District Level and got **gold medal** with 1st rank in **Students Olympic Association** at District Level.
 - Vaijyanti Badade has achieved **Gold medal** in **Karate Shikai and Kick boxing** at state level.
 - Reddy Malcom got the **First prize at Zonal Kabaddi Competition**.
 - Gaurav Kasar got **the First prize in netball** at Zonal level.

Problems Encountered and Resources Required

The curriculum is fixed by the university and needs to be updated regularly as per industry needs. Some of the students who are not fulfilling the eligibility criteria of industry are required to develop the skill, so that they can overcome the deficiency and can get placed in good industry. We have faced some difficulties for making tie-up with different institutes. Some of the students who are from Hindi or Marathi medium required rigorous Personality Development training program to improve their soft skill. We have also faced some difficulties in developing the skills of foreigner students because of their communication skills, their writing style problem etc.

Name of the Principal :	Dr. Arun R.Patil
Name of the Institution:	Vishwakarma College of Arts, Commerce and Science, Pune.
City :	Pune
Pin Code :	411048
Accredited Status :	Cycle 1
Work Phone :	020-32335778/60204040
Website :	www.vcacs.ac.in
E-mail :	principal@vcacs.ac.in
Mobile :	9011001178

2. 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 pre-event 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.

Contact Details:

Name of the Principal	:	Dr. Arun R.Patil
Name of the Institution	:	Vishwakarma College of Arts, Commerce and Science, Pune.
City	:	Pune
Pin Code	:	411048
Accredited Status	:	Cycle 1
Work Phone	:	020-32335778/60204040
Website	:	www.vcacs.ac.in
E-mail	:	principal@vcacs.ac.in
Mobile	:	9011001178

6. Evaluation Reports Department wise

Sr. No.	Name of the Department	Type of Program
1.	Computer Science	
	B.Sc. (Computer Science)	UG
	M.Sc. (Computer Science)	PG
2.	Commerce Department	
	B.Com.	UG
	BBA	UG
	BBA (CA) (Old Name BCA)	UG
	BBA (IB)	UG

Department of Science – B.Sc. (Computer Science)

1. **Name of the department:** Department of Science
2. **Year of Establishment:** 2008
3. **Names of Programmes / Courses offered:**
UG - Bachelor of Science (Computer Science) B. Sc. (CS)
4. **Names of Interdisciplinary courses and the departments/units involved:**

Sr.No	Name of Interdisciplinary Course	Year	Department Involved
1	English	2 nd Year, Sem I,II	English
2	EVS	2 nd Year, Sem II	Commerce
3	Computer Graphics	3 rd Year, Sem IV	Mathematics

5. **Annual/ semester/choice based credit system (programme wise):**
F.Y. BSc (CS) - Annual
S.Y. BSc (CS) - Semester
T.Y. BSc (CS) – Semester
6. **Participation of the department in the courses offered by other departments:**
 - Enrolled in Foreign Language (German) course which is offered by Arts department.

Sr. No	Course	Department
1	Business Mathematics	BCA, BBA
2	Digital Image Processing (for MatLab)	MSc(CS)
3	Robotics (Elec. Concept)	MSc(CS)
4	Computer Applications in Statistics	BCA, BBA

7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**
Our collaborations details are as follows:
 - Edu-bridge India
 - KIST
 - NCL

- CNC Web-World , Pune
- Shantiniketan Academy.
- Solapur University

Details of the few courses offered by organizations:

S. N	Collaborating Organization	Course name	Duration
1	Edu Bridge India	Personality Development- NSDC program	45 days
2	Microsoft ltd	Network Security and ethical hacking	5 days
3	CyberVault Ltd	Cyber security and Ethical Hacking	8 days

8. Details of courses/programmes discontinued (if any) with reasons: NIL

9. Number of Teaching posts

Designation	Sanctioned	Filled
Professors	----	-----
Associate Professors	-----	-----
Asst. Professors	17	17

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Ms. M.S. Nikam	M.Sc.(Computer Science)	Assistant Professor	Computer Science	2+	NA
Ms. G. S. Mulay	M.Sc.(Electronics) B.Ed.	Assistant Professor	Electronics	3+	NA
Mr. S. V. Khole	M.Sc.(Electronics)	Assistant Professor	Electronics	3+	NA

Ms. Poonam Chavan	M.Sc.(Electronics) B.Ed., SET	Assistant Professor	Electronics	4+	NA
Mrs. Prajakta Bhalerao	M.Sc. (Mathematics)	Assistant Professor	Mathematics	10+	NA
Mrs. Sarika Choudhari	M.Sc. (Mathematics)	Assistant Professor	Mathematics	5+	NA
Ms. Archana Jadhav	M.Sc.(Tech.) (Mathematics + Computer)	Assistant Professor	Mathematics	1+	NA
Mrs Jayashree Bhosale	M.Sc.(Statistics)	Assistant Professor	Statistics	3+	NA
Mrs Varsha Rathod	MCA	Assistant Professor	Computer Application	3+	NA
Mrs.Trupti Jundale	MSc (Computer Science)	Assistant Professor	Computer Science	1+	NA
Mrs. Priyanka Navnale	MSc(Computer Science) & MCM	Assistant Professor	Computer Science	4+	NA
Mrs. Prajakta Patil	M.Sc.(CS)	Assistant Professor	Computer science	03	NA
Mrs. Minal Patil	M.Sc.(CS)	Assistant Professor	Computer science	01	NA

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 18%

13. Student -Teacher Ratio (programme wise): 34:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

The college has common administrative/office staff for all the Departments.

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Qualification	No. of Staff
PG	16

M. Phil	-
Ph. D. (Appear)	1

16. Number of faculty with ongoing projects from

a) National b) International funding agencies and grants received:
NA.

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: No such projects in place right now.**18. Research Centre /facility recognized by the University: NA****19. Publications:**

Number of papers published in peer reviewed journals
(national / international) by faculty and students

<i>Name of the Faculty</i>	<i>No. of Publication</i>	<i>International (Journal/ Proceeding)</i>	<i>National</i>	<i>State Level</i>
Ms. Trupti Jundale	4	4	-	-

20. Areas of consultancy and income generated: NIL.**21. Faculty as members in**

- | | | |
|------------------------------------|---|-----|
| a. National committees | : | NIL |
| b. International Committees | : | NIL |
| c. Editorial Boards | : | NIL |
| d. Any Other | : | NIL |

22. Student projects**a) Percentage of students who have done in-house projects including inter departmental/programme :**

As per the syllabus prescribed by SPPU, students have to be complete their projects work (100 Marks) in Semester IV. Students can select the topic by their choice.

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

All the students of Semester IV complete their projects as per the guidelines of SPPU.

23. Awards / Recognitions received by faculty and students**Teachers Achievements: NIL****Students Achievements :**

- Reddy Malcom John , Interzonal Kabaddi competition first prize winner
- Vaijayanti Badade, has made the record of breaking 667 roofs on her body in the Martial art event. This is recorded in Limca and guiness Book of records.
- Krishna Gurudas Kadam, Got 5th position in Progressive Shree 2015 Body building Competition organized by Modern College Shivaji Nagar and 6th position in Modern Shree 2015 Organized by Modern College Ganesh khind
- Sandeep Shukla and team, First prize in Intercollegiate quiz competition

24. List of eminent academicians and scientists / visitors to the department

S No	Distinguished Speakers/ Mentors	Occasion
1	Mrs. Neha Kane	Seminar on project development, placement guidance and technical subjects basics
2	Ms Nandita Jain	Seminar on personality development of students
3	Mr. R. Bhujbal	Workshop on Electronics for SY B. Sc students
4	Dr. K.C. Mohite Dilip Malkhede m Dr.R.R.Mudholkar Dr S.C.Shirwalikar Dr. S.S.Jambhorkar	As a resource person for National conference on ` Emerging trend in computer science and information Technology Challenges
5	Dr Gajanan Rashinkar	State Level Workshop for SET preparation
6	Mr. Ankit Saxena	Cyber Security & Ethical Hacking
7	Dr. Jin-Sang Kim, Seok-Jin Yoon	Visit
8	Dr. Neha Deshpande	Invited talk in National workshop
9	Mr. Ajinkya Kohokade	Workshop on Wireless sensor network

25. Seminars/ Conferences/Workshops organized and the source of funding

- a) **National Conferences:** “Emerging Trends in Computer Science and IT“ on 28th November 2013 having the ISBN No.978-93-83414-48-2 , funded by SPPU AND College.
- b) **National Level Workshop on:** “Wireless Sensor Network and Robotics Technology” , funded by SPPU AND College.
- c) **International:** No Such event till organized

26. Student profile programme/course wise:

Last three years data:

Name of the Course/ Programme	Year	Inquiry received	Selected	Enrolled		Pass Percentage
				M	F	
UG	2016-17	250	177	103	74	Currently in First year
	2015-16	200	128	89	39	Currently in Second year
	2014-15	300	133	81	52	Currently in Third year

27. Diversity of Students: For current year FY, SY and TY B.Sc.(CS)

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B. Sc (Computer Science) 2016-17	97%	2%	1%
B. Sc (Computer Science) 2015-16	97%	3%	0%
B. Sc (Computer Science) 2014-15	96%	3%	1%

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense

services, etc.?

Most of the students are enrolled for post graduation degree. As all of our B.Sc. (CS) students are groomed for the Corporate Profile.

No students have tried for the above mentioned exams yet.

29. Student progression: Average of last two years

Student progression	Against % enrolled
UG to PG	30%
PG to M. Phil	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed • Campus selection • Other than campus recruitment	85%
Entrepreneurship/Self-employment	-

30. Details of Infrastructural facilities

- a) **Library:** Central college library facility is available for students and staffs. College library has reference books, Magazines, Journals and e-resources.
- b) **Internet facilities for Staff and Students:** College has Wi-Fi facility. 24 x 7 Internet facility is available on every computer. Students can access internet through Laboratory. Principal, Staff, Administrative Staff, Librarian have individual PC with internet facility.
- c) **Class rooms with ICT facility :** All classrooms are well equipped and facility of projector is also given on demand
- d) **Laboratories:** Laboratories are well equipped with latest computer hardware and software. Each lab is having thirty computers. Each computer is having internet facility.

31. Number of students receiving financial assistance from college, university, government or other agencies.

- * Students from weak financial background receive financial help from college.

Year wise concessions provided to students for Last 4 Years

Year	Number of Students	Total Amount
2012-13	12	73000
2013-14	12	73500
2014-15	29	93450
2015-16	21	61600

Refer Annexure III

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

S No	Date	Program / Seminar	Program / Seminar By
1	1/9/2015	Seminar on Dot Net and MVC framework	Mr. Amit Prasad
2	21/8/2015	Pool Campus	L & T InfoTech
3	4/8/2015	Seminar on interview skills and techniques	Mr. Kushal
4	12/2/2015	Seminar on Computer animation	Prof. Gangurde from Nagar college
5	10/2/2015	Workshop on electronics	Prof. R. Bhujbal from PVG College
6	18th & 19th Dec-2015	National Level Workshop :“Wireless Sensor Network and Robotics Technology”	Dr.Shaikh Vasi A.E. Mr.Ajinkya Kohokade Mr. Kumbhar .T.R Dr.Neha Deshpande Prof. Bhujbal
7	14th Sept-2015	Google Apps Utilization	Ms. Revathy Panickar Searce Co-Sourcing Services Pvt. Ltd.
8	Feb –2015	Woman Empowerment	Ms. Vaishali Patil
9	19th Aug-2014	Opportunities in Foreign Universities	Mr. Rahul Reddy The Chopras , Shaping Lives & Careers

33. Teaching methods adopted to improve student learning.

ICT based and black board based teaching method, seminars, tutorial, LCD / PPT presentation, National Programme on Technology Enhanced Learning (NPTEL) Videos and Lectures, Lab Assignments etc

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

College provides benefit of Scholarships/ Free ships to SC/ST students as per guidelines given by SPPU and Government of Maharashtra. Faculty have contributed in various social activities conducted by the various committees of the college like NSS, Students Welfare etc.

35. SWOC analysis of the department and Future plans**Strengths:**

- Placement Assistance to students in MNCs which has good impact on admissions.
- Good Industry- Institution Relations for getting Expert's Guidance from IT Industry, knowledge on current IT trends and get industry projects.
- Faculty members are well qualified and ready to learn new relevant things.
- Good Infrastructure facilities.
- Support of Management for all round development of the Institute.

Weakness:

- Research activities needs to be strengthened.
- Insufficient number of M. Phil, Ph. D, NET / SET faculties.
- Insufficient number of research project from the various funding agencies

Opportunities:

- No of Add-on courses can be started.
- Getting industry projects for students to get live project experience.
- To strengthen the collaborations with industries.
- To create awareness on "Entrepreneurship" will makes students self employable.

Challenges:

- Competitions in the I.T industry for placement.
- To Improve communication skill.
- International MOUs
- To increase success ratio.

Department of Science – M. Sc. (Computer Science)

1. **Name of the department** : Science
2. **Year of Establishment** : 2011
3. **Name of Programmes/Courses offered:** M.Sc. (Computer Science),
4. **Names of Interdisciplinary courses and the departments/units involved:**
 Interdisciplinary projects are allotted to Commerce students like Bank Management, Investment Analysis, etc. For Industrial Training, students are also selecting the Projects related to Physics, Chemistry and worked on live projects like Portfolio Management, Sensex Analysis and Devanagari Character Recognition.

Sr.No	Name of Interdisciplinary Course	Department Involved
1	Robotics	Electronics
2	Human Rights	Management
3	Digital Image Processing	Mathematics

5. **Annual/ semester/ choice based credit system (programme wise):**
 2012-13: Semester Pattern
 2013-14 onwards: Choice based Credit system (Semester)

6. **Participation of the department in the courses offered by other Departments:**

Sr. No	Course	Department
1	Software Testing	BCA
2	Business Informatics	BBA
3	Computer Graphics	B.Sc.(CS)

7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**

Students were participated in skill based NSDC programs conducted through Edu-bridge India. This course was helpful for developing communication skill and enhancing aptitude knowledge.

Sr. No	Collaborating Organization	Course name	Duration

1	Edu Bridge India	Personality Development- NSDC program	45 days
2	A-One academy	Basics Of Aptitude	15 days
3	Microsoft ltd	Network Security and ethical hacking	5 days
4	CyberVault Ltd	Cyber security and Ethical Hacking	8 days

8. Details of courses/programmes discontinued (if any) with reasons:
NIL

9. Number of Teaching posts Designation Sanctioned Filled

Designation	Sanctioned	Filled
Professor	-	-
Associate Professor	-	-
Assistant Professor	06	06

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./ M. Phil. etc.)

Name of Faculty	Qualification	Designation	specialization	No. of years of Experience	No. of Ph. D students guided for the last 4 years
Dr. Arun R. Patil	Ph.D.	Principal	Science	20	01
Mr. Sudhir D. Chitnis	M.Sc. (CS). M. Phil	Assistant Professor	Computer science	20	-
Mrs. Anjum Patel	M.sc.(CS), SET	Assistant Professor	Computer science	10	-
Mrs. Swati H. Patil	M.Sc. (CS). M. Phil	Assistant Professor	Computer science	17	-
Mrs. Kavita Khoje	M.Sc. (CS).	Assistant	Computer	03	-

	SET	Professor	science		
Mrs. Prajakta Patil	M.Sc.(CS)	Assistant Professor	Computer science	03	-
Mrs. Minal Patil	M.Sc.(CS)	Assistant Professor	Computer science	01	-

11. List of senior visiting faculty: NIL**12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : 33%****13. Student – Teacher Ratio (programme wise): 14.16:1****14. Number of academic support staff (technical) and administrative staff; sanctioned and filled.**

The college has common Academic Support Staff (Technical) and administrative staff for all the departments.

Technical staff : 02

Administrative staff: 08

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Sr.No	Qualification	No .of Faculty
1	Ph.D.	1
2	M.Phil	2
3	PG	4

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : NIL**17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : NIL****18. Research Centre /facility recognized by the University: NIL****19. Publications:****a) Publication per faculty**

Number of papers published in peer reviewed journals (national /international) by faculty and students

<i>Name of the Faculty</i>	<i>No. of Publication</i>	<i>International (Journal/Proceeding)</i>	<i>National</i>	<i>State Level</i>
Dr. A. R. Patil.	43	38	5	-
Mr. S.D. Chitnis.	6	5	1	-
Mrs. A. A. Patel	9	5	3	1
Mrs. S. H. Patil	1	-	1	-

20. Areas of consultancy and income generated: NIL

21. Faculty as members in:

- a. National committees : **01**
- b. International Committees: **01**
- c. Editorial Boards : **NIL**
- d. Any Other : **NIL**

22. Students projects:

- a. **Percentage of students who have done in-house projects including inter- departmental/ programme:**

All students of Semester II and III complete their project as a part of curriculum.

- b. **Percentage of student placed for project in organization outside the Institution i.e. in Research Laboratories/ Industry/Other agencies:**

All the students of Semester IV (M.Sc.(CS)) complete their project in various I.T. Industries, Banks, Small scale Industries as a part of curriculum.

23. Awards / Recognitions received by faculty and students:

Principal, Dr. Arun R.Patil has received number of 'Best Paper Awards' in various National and International Conferences, published in more than 50 leading Journals, received 01 International Patents, works in Lithium battery project in KIST, Seoul, South Korea, who was also blessed working under India's former President Dr.APJ Abdul Kalam in South Korea.

Prof. Sudhir Chitnis has published many papers in International Journals, received PG Recognition letter, completed Refresher course, participated in University's 'Avishkar' Competition at Inter-College; Inter-University level but also advanced to Zonal level, won the 'Best paper award' in

various National and International Conferences for his research papers on 'Devanagari Handwritten Character Recognition'.

Prof. Anjum Patel won the Best Paper Award in Conference for paper on 'Software Project Planning', also received Best teacher award in VCACS at 2012. She is also appreciated by institution for working as a SWO and a Placement Officer very efficiently. Besides this, many PG teachers also presented research paper in various National and International Conferences.

Esha Rana, student of SY M. Sc.(CS) won dance competition at zonal level at SPPU and participated in dance competition at AZMER from SPPU. Nikhil Kadu, Raghvendra Jalhalli and Deepak Kalokhe, students of SY M.Sc. (CS) participated and won in Quiz competition in Youth festival at 2015. Nilesh bunde, student of SY M. Sc.(CS) participated in many musical programme as basari player.

24. List of eminent academicians and scientists/Visitors to the Department

Academic Year	Name	Event
2012-13	Dr. K.C. Mohite Dilip Malkhede m Dr.R.R.Mudholkar Dr. S.C.Shirwalikar Dr. S.S.Jambhorkar	As a resource person for National conference on ` Emerging trend in computer science and information Technology Challenges
	Mr. Prashant Kumar-DRDO	Guest lecture on scientific innovations
	Dr. Vaishali patil	Special lecture on recent technologies in Korea
2013-2014	Dr. Sudhakar Jadhavar	Resource person State Level "Recent Trends in E-Commerce for sustainable business development."
	Dr.Sanjay kaptan	Keynote speaker at State Level "Recent Trends in E-Commerce for sustainable business development."
	Dr.S.S.Mahajan	Resource person State Level "Recent Trends in E-Commerce for

		sustainable business development.”
	Dr. S.P. Nadgouda	Resource person State Level “Recent Trends in E-Commerce for sustainable business development.”
	Dr. H.D. Thorat	Resource person State Level “Recent Trends in E-Commerce for sustainable business development.”
	Mr. Mohmmmand Ashraf	Resource person State Level “Recent Trends in E-Commerce for sustainable business development.”
	Mr. Jameer Mulani (Ishana IT solutions)	Guest lectures for Android application
	Mr. Prashant kumar , CNC-webworld pvt ltd.	Internal project evaluation
2014-15	Dr Gajanan Rashinkar	State Level Workshop for SET preparation
	Mr. Kailas belekar(Exoskeleton ltd)	Guest lectures on robotics
	Mrs. Shraddha purandare (VIM,Pune)	Guest lecture on HRM
	Mr Anil Raj(cybervault Ltd.)	Workshop on cyber security
	Key traning solutions ltd	Interview skill and techniques
	Ms. Neha Kanekar	How to crack aptitude test
	Ms Ananya naik (Technovation labs)	Guest lecture on MVC-4 technology
2015-16	Mr. Farid Shaikh	Workshop on IoT and Android technology
	Mr. Santosh Vadak Patil	Workshop on Basics of Aptitude
	Dr. Neha Deshpande	Invited talk on “ wireless sensor Network”
	Mr. Ajinkya Kohokade	Workshop on Wireless sensor network

25. Seminars/ Conferences/Workshops organized and the source of funding a) National b) International:

SN	Year	Particulars	Source of funding
1.	2012-13	National conference on 'Emerging trend in Computer Science and Information Technology Challenges'	SPPU AND College
2.	2012-13	SET Examination preparation Workshop	College
3.	2015-16	SET Examination preparation workshop	College
4	2015-16	National workshop on wireless sensor Network	SPPU And College
5	2015-16	Workshop on IoT and Android Development	College

26. Student profile programme/Course wise:

Name of the Course/ Programme	Year	Application received	Selected	Enrolled		Pass Percentage
				M	F	
PG	2016-17	53	46	25	21	Currently in First year
	2015-16	47	38	24	14	Currently in Second year
	2014-15	58	52	43	09	95.83%
	2013-14	59	55	29	26	98%

27. Diversity of student

Year	%Students from the same state	%Students from the other state	Students from abroad
2016-17	98.82%	0.01%	0.01%
2015-16	95%	5%	-
2014-15	97%	3%	-
2013-14	98%	0.01%	0.01%

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

At this juncture, No student have cleared national and state competitive examination but students are consistently participating in such examinations. College is organizing SET workshops every year, invited many mentors related to these examinations to give guidance and encourage students. Students are also appeared for such examinations. College is also organizing seminar / workshop for the preparation of Competitive examinations. Students take advantage by attending and appearing for such examinations. But, in city like Pune, student's inclination is more towards Software Industry rather than these examinations, as Pune is a Software Hub. They are easily getting good opportunities in software field. Besides this, we are continuously encouraging students to appear for such examinations by displaying notices of examination on notice board and giving guidance every now and then.

29. Student Progression Student progression against % enrolled:

Student Progression	Against % enrolled		
	2015-16	2014-15	2013-14
UG to PG	20%	35%	40%
PG to M.Phil.	----	----	----
PG to Ph.D.	----	----	----
Ph.D. to Post-Doctoral	----	----	----
Employed	76%	61%	52%
Campus selection			
Other than campus recruitment	25%	2%	7%
Entrepreneurship/Self employment	0	0	0

30. Details of infrastructural facilities

a. Library:

Central college library facility is available for the students and staff.

b. Internet facilities for staff and Students:

College has 5-MBPS leased line connectivity in the college campus.
Campus is enriched with Wi-Fi connectivity.

c. Class rooms with ICT facility:

All PG classrooms are equipped with audio-visual aids and computers.

d. Laboratories: Laboratories are well equipped with latest computers

and license software.

31. Number of students receiving financial assistance from college, University, Government or other agencies:

Year	Name of the student	Particulars
2012-13	Miss Rekha Pawar	Leela poonawala foundation
	Reshma Memane	College (on merit)
2013-14	Miss Rekha Pawar	Leela poonawala foundation
2014-15	Taware Akshay Ashok	College (on merit)
	Archana Patil	Concession
2015-16	Ruchita Patane	College(On Merit)
	Kalyani Bothara	College(On Merit)
	Refer criterion section 5.2	
2016-17	Roshni Aidasani	College(On Merit)
	Uzma Maniyar	College(On Merit)
	Shardul Patil	College(On Merit)

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

Enrichment programs	2015-16	2014-15	2013-14
Guest Lectures from Experts	6	5	3
Workshops	2	2	1

33. Teaching methods adopted to improve student learning:

ICT based teaching methods, Seminars, Group discussions, Quiz competitions, monthly class test are conducted. Theory as well as Lab Assignments, LCD / PPT Presentation, E-learning material/Question Banks/Notes, NPTEL Videos and Lectures, viva-voce in practical are used for better teaching. Expert speakers from industry or academic institutes are invited to conduct special guest lectures. Curriculum is to be conducted as per session plan which is ready right in the beginning of the semester. Workshops and internship programs are organized to bridge the gap between curriculum and industry needs.

34. Participation in Institutional Social Responsibility (ISR) and extension activities

Faculty and students have contributed in various social activities conducted by the various committees of the college like NSS, Students Welfare and regularly

arranging Personality development programs, Blood donation camp etc. Besides this, college regularly organizes lectures on women empowerment, female feticide, woman hygiene, child protection against diseases and child nutrition. Students were actively participated in 'International Yoga Day', 'Swachh Bharat Abhiyan'. Students have organized a street play on 'Kanya Ratna Abhiyan' and 'say no to plastic bags'.

35. SWOC analysis of the department and future plans

a. Strength

1. Faculty members are well qualified and ready to learn new relevant things.
2. Well-equipped laboratories, class rooms and other infrastructure.
3. Use of technology in classrooms along with innovative teaching methods.
4. More than 95% result each year.
5. The college has constituted Advisory Committee to bridge the industry academic gap.
5. Department is planning to enhance the student participation in live projects as well as DST projects.
6. To encourage students for M.Phil and Ph.D.

b. Weakness

1. Only three batches have passed, so does not have a strong alumni fraternity.
2. Inadequate number of M. Phil, Ph.D, Research Paper publications, research projects from various funding agencies.
3. No consultancy Projects
4. Student's intake with average academic background. So students fail to achieve eligibility criteria for attending placement.

c. Opportunity

1. Professional development of faculty members.
2. Signing MoUs with industries for Internship, Training and Placement
3. Arranging more workshops for awareness of market platforms and cope up with the market conditions.
4. Improving Research Culture development

d. Challenges

1. Development of relevant soft skills in students.
2. Encourage students for DST projects or live projects.

e. Future Plans:

1. To provide certificate programmes for students.
2. To collaborate with various industries for inter-disciplinary courses.
3. To conduct more expert lectures for students for better exposure.
4. To conduct practical based activities.

Department of Commerce

B. Com., B.B.A, B.B.A(CA) (old name BCA)/B.B.A. (CA), B.B.A. (IB)

- 1. Name of the Department:** Department of Commerce
- 2. Year of Establishment:** 2007 (B.Com.) BBA and B.B.A.(CA)-
formerly known as BCA (2008), **BBA(IB)**
- 3. Name of Programmes / Courses offered:**
UG - Bachelor of Commerce, Bachelor of Business Administration, and
Bachelor of Computer Applications / BBA (Computer Applications), BBA
(International Business)

4. Names of Interdisciplinary courses and the departments/units involved:

Sr.No	Name of Interdisciplinary Course	Department Involved
1	Business Mathematics	Science(Mathematics)
2	Computer Applications in Statistics	Science(Statistics)
3	Mathematics and Statistics	Science(Mathematics)
4	Testing	Science

5. Annual/ semester/ choice based credit system (programme wise):

B.Com:-Annual Pattern
BBA:-Semester Pattern
BCA/BBA (CA):-Semester Pattern
BBA (IB):-Semester Pattern

6. Participation of the department in the courses offered by other departments:

Sr. No	Course	Department
1	English	Science(B.Sc.-CS)

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

The collaboration is on the college level. The department communicates with other through the collaboration made by the college.

1. Certificate course in Tally.ERP-9
2. Edubridge.
3. Shantiniketan Academy

4. HET's CCSIT, Mahad(Mumbai University).

8. Details of courses/programmes discontinued (if any) with reasons: NIL

1. Number of teaching posts

Designation	Sanctioned	Filled
Professor	-----	-----
Associate Professor	-----	-----
Assistant Professor	19	19

* Additional workload is shared by faculty members of Science department.

10. Faculty profile with name, qualification, designation, specialization, D.Sc./D.Litt./Ph.D./ M.Phil. etc.)

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience
Dr. B.R.Rode	M.A M. Phil, NET Ph. D	HOD	Marathi	9 Years
Ms. Swati Sathye	M.Com, M.B.A, NET	Assistant Professor	Cost And Works Accounting	9 Years
Ms. Poonam Jadhav	M.Com, DTL, SET	Assistant Professor	Advanced Accounting And Taxation	7 Years
Apeksha N. Nigade	M.Com.	Assistant Professor	Business Administration	1 Year
Ms.Geetanjali Kale	M.Com, DTL, GDCandA	Assistant Professor	Cost and Works Accounting	2.5 Years
Mrs. Aute Maina	M.A, SET	Assistant Professor	English	1 Year
Mr. Ashish Gade	M.Com.	Assistant Professor	Financial Managment	Nil
Mrs. Suvana Shinde	MA, B.Ed.	Assistant Professor	Economics	6Years
Mrs. Shital Mantri	Pursing Ph.D in HR,M.B.A(HR, AMRKETING) , D.L.L and L.W	Assistant Professor	HR, Marketing	Teaching 5 Years Industry 4 Years

	B.C.S.			
Pooja S. Kulkarni	MBA, (HR/Marketing)	Assistant Professor	HR,	Industry 2 Years and 9 month
Vikrant Salve	MBA(Marketing)	Assistant Professor	Marketing	Industry 4 Years
Mrs. Smita Deshmukh	MCA	Assistant Professor	Computer Application	3 Year
Mrs Prajakta Shrungarpure	MCA	Assistant Professor	Computer Application	1Year
Mrs. Rupali Tawre	MCA	Assistant Professor	Computer Application	5 Years
Ms. Pranjali N. Kubde	MCA	Assistant Professor	Computer Application	1.5 Years
Ms. Vaishali Kale	MCA	Assistant Professor	Computer Application	7 Years
Ms. Deepali N. Dange	MCA	Assistant Professor	Computer Application	4.2 Years
GirijaLaxmi A. Kanade	MCA	Assistant Professor	Computer Application	-
Sunila Shिवtare	MCA	Assistant Professor	Computer Application	3 years

11. List of senior visiting faculty:

- i) Ms Ujwala R.Nagare
- ii) Ms Pradnya Soti
- iii) Mr. Sunil Bhatt

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 15.78%**13. Student – Teacher Ratio (programme wise):**

B.Com : 35:1
 BBA : 40:1
 BCA : 18:1
 BBA (IB): 21:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled.

The college has common Academic Support Staff (Technical) and Administrative Staff for all the Departments.

- a. Technical Staff: 02
- b. Administrative Staff- : 08

15. Qualifications of teaching faculty with D. Sc / D. Lit t/ Ph. D / M. Phil / PG.

Qualification	Number of Staff
PG	18
M. Phil	-
Ph.D.	1

16. Number of faculty with ongoing projects from b) National b) International funding agencies and grants received: The faculties are trying for ongoing projects from national, International funding agencies.

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre /facility recognized by the University: NIL

19. Publications:

Name of the Faculty	No. of Publication	International (Journal/ Proceeding)	National	State Level
Dr. B.R.Rode .	4	1	2	1
Mrs.Shital Mantri	4	1	3	-
Mrs. Vaishali kale	4	1	2	1
Mrs. Pranjali Kubde	2	2		
Mrs Sunila Shivtare	1		1	

20. Areas of consultancy and income generated:

Consultancy provided to the Hirval Education Trust, Mahad (Raigad) and Vishwakarma Competitive Examination Center. Income generated is shared in 70:30 among concerned faculty and college respectively.

21. Faculty as members in:

- a. National committees : NIL
- b. International Committees : NIL
- c. Editorial Boards : NIL
- d. Any Other : NIL

22. **Students projects**
- Percentage of students who have done in-house projects including inter-departmental / programme:** 100% students of BCA (Semester V and VI), SY and TY B.Com., SY and TY BBA complete their project as a part of curriculum.
 - Percentage of student placed for project in organization outside the Institution i.e. in Research Laboratories/Industry/Other agencies:** All the students of Semester V and VI complete their project as a part of curriculum as per the norms of SPPU.
23. **Awards / Recognitions received by faculty and students:**
Teacher : Prof. Dr. B. R. Rode got recognition as a Post Graduate Teacher and M. Phil. Guiding and Teaching (By Paper) of SPPU.

Student:

- Mr. Kasar Gaurav Kailas**
2013-14: Zonal level First Prize in Net Ball.
- Ms. Shivani Cinchode**
2015-16: Student Olympic Association-district level first prize and selection for state level YOGA.
- Vikas Indalkar(TY B.Com.):** First prize in State Level Tournament (Boxing championship), Gold medal in National Level Boxing
- Ajinkya Teli and group (SY B.Com.):** Second prize in Astitva (Mudra) dance competition .
- Neha Rane and Team (SY B.Com.):** Kho-Kho Inter College Competition.
- Shailuv Shah(SY BBA):** First prize in Dance Pune Dance
- Shailuv Shah and group (SY B.Com. and BBA):** Second prize in MIT Surjan state dance competition. Third prize in NIEM dance competition.
- Patel Dipesh Vadilal, Shah Karthik:** Avishkar Poster Competition – 2015-16 at Zonal Level, Savitribai Phule Pune University.
- Sinha Rinki and group:** Mile Events 2015-Purple Fever Group Dance-Winner.

24. List of eminent academicians and scientists/Visitors to the department-

Sr. No.	Name and Designation	Occasion
1.	Dr. Gajanan Rashinkar Professor, Dept. of Chemistry, Kolhapur University	Resource person for SET/NET workshop
2	Prof. S. Shirwaikar ,Wadia College, Pune	Resource person for National Conference.
3	Prof. P. Choudhary, Sihngad College,Pune	Resource person for workshop.
4	Prof. Priya Choudhary, Sihngad College, Pune	Resource person for workshop.
5	Prof. Neha Rane, MIT College, Pune	Resource person for workshop.
6	Ms. Nandita Jain IBS,Pune	Resource person for Seminar.
7	Mr. Rahu Reddy, The Chopras, Shaping you career.	Resource person for Seminar.
8	Mr. Sudhakar Jadhavar ,Dean of Commerce Faculty (SPPU)	Resource Person for State level conference "Recent Trends in E-Commerce for Sustainable business development"
9	Dr. Sanjay Kaptan, Savitribai Phule Pune University	Keynote Speaker at State level conference on E-Commerce
10	Dr. S.S.Mahajan	Resource person for state level conference
11	Dr. H.D.Thorat	Resource person for state level conference
12	Dr. S. P. Nadagouda BMMCC College, Pune.	Resource person for state level conference
13	Mrs. Sandhya Deshpande	Career opportunities in Commerce
14	Mr. Sunil Bhatt	Motivational Lecture for commerce
15	Prof. Kulkarni D.S	Competitive Exam Guidance

25. Seminars/ Conferences/Workshops organized and the source of funding

a) National : b) International :

SN	Year	Particulars	Source of funding
1.	2014-15	State level Conference on Recent trends in E-Commerce	SPPU AND College
2.	2015- 16	State level workshop on Recent trend in Advertizing	SPPU AND College

26. Student profile programme/Course wise:

Name of the Course/ Programme (refer question no.4)	Year	Application received	Selected	Enrolled		Pass Percentage
				M	F	
FYBCOM	2016-17	151	38	25	13	Currently in First year
FYBBA	2016-17	108	80	67	13	Currently in First year
FYBCA/BBA(C A)	2016-17	121	92	61	31	Currently in First year
FYBBA(IB)	2016-17	45	42	38	4	Currently in First year
SYBCA/BBA(C A)	2016-17	71	70	47	23	Currently in Second year
TYBCA/BBA(C A)	2016-17	50	47	29	18	Currently in Third year

27. Diversity of student

Name of the course	Year	% of students from the same state	% of student from other states	% of students from abroad
B.Com	2016-17	92	8	-
	2015-16	92	8	-
BBA	2016-17	81	15	4
	2015-16	74	12	14
BCA	2016-17	92	5	3
	2015-16	92	6	2
BBA(IB)	2016-17	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

The college is continuously encouraging students to appear for such examinations by displaying notices of examination on notice board and giving guidance. 11 students from BCOM course have qualified in competitive exams like CPT and CS Foundation etc.

29. Student Progression

Student progression	Against % enrolled
UG to PG	20%
PG to M. Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	
* Campus selection	76%
* Other than campus recruitment	25%
Entrepreneurship/Self employment	10%

30. Details of infrastructural facilities

- Library:** Library is full of reference books, text books, e-Journal and Journals like Journal of Institute of Chartered Accountant of India for students and staff.
- Internet facilities for staff and Students:** College has 5mbps lease line connectivity for all the computers in the college campus.
- Class rooms with ICT facility:** Three class rooms are having ICT facility and Projectors are available to be used anywhere when necessary.
- Laboratories:** Laboratories are well equipped with latest computer hardware and software.

31. Number of students receiving financial assistance from college, University, Government or other agencies:

Every year, the college provides financial assistance to economically backward students. Applications of students for the scholarship from the Government of Maharashtra have been forwarded to the Social Welfare Department.

Year	Name of the student	Particulars
2015-16	5	Savitribai Phule Pune University

		Scholarship
2014-15	3	Savitribai Phule Pune University Scholarship
2013-14	8	Savitribai Phule Pune University Scholarship

32. Details of student enrichment programs (Special lectures, workshops/seminars) with external experts.

Sr. No	Special lectures/Workshops/Seminars	External Expert
1	Opportunities in foreign universities	Mr. Rahul Reddy
2	How to improve self confidence and personality development	Ms. Nandita Jain
3	How to face interview skills	Mr Prakash
4	Web designing and view in market	Mr Mohd, Ashraf
5	.NET technique and interview preparation for MNC	Mr Santosh ehali
6	Interview skills and techniques	Mr Kushal
7	Career opportunities in Commerce	Mrs. Sandhya Deshpande
8	Revised Syllabus for S.Y.BCom.	Mr. B.P.Pawar

33. Teaching methods adopted to improve student learning

Black board Teaching Method, Seminars, Tutorial, LCD / PPT Presentation, E-learning material/ICT based teaching / Question Banks / Notes and Lectures, Lab Assignments, Case studies etc.

34. Participation in Institutional Social Responsibility (ISR) and extension activities

Faculty as well as students has contributed in various social activities conducted by the various committees of the college like NSS, Students Welfare etc.

35. SWOC analysis of the department and future plans

a. Strength

- i. Majority of faculty members are qualified, experienced young and dynamic.

- ii. Well-equipped laboratories, class rooms and other infrastructure.
- iii. Use of technology in classrooms along with innovative teaching methods to provide practical education.

b. Weakness

- i. Inadequate number of faculties with M Phil, Ph.D., etc
- ii. Student's intake with average academic background.
- iii. Lack of Interdisciplinary courses.

c. Opportunity

- i. Professional development of faculty members.
- ii. Collaboration with Industries for Internship, Training and Placement there by increasing the campus placement.

d. Challenges

- i. Development of relevant soft skills in students.
- ii. Student's intake with good academic background.
- iii. To enhance the academic strength of average background student to desired expected mark.

e. Future Plans

- i. To provide certificate programmes for students.
- ii. To collaborate with various industries for add-on courses.
- iii. To increase the number of lectures by eminent people from academics and industry.
- iv. To provide interdisciplinary course.


Declaration

I certify that that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.




Signature of the Head of the institution
with seal:

Dr. Arun R. Patil
PRINCIPAL
Vishwakarma College of Arts
Commerce & Science
Kondhwa(Bk.), Pune - 411 048.

Place : Pune, Maharashtra
Date : 03/10/2016

Certificate of Compliance
(Affiliated College)

This is to certify that BRAC's, Vishwakarma College of Arts, Commerce and Science (VCACS) fulfils all norms.

1. Stipulated by :- **Savitribai Phule Pune University , Pune**
2. Regulatory Council :- ----- N/A ----- and
3. The affiliation and recognition is valid on date.

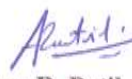
In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation.

In case the undertaking submitted by the college is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Place : **Pune, Maharashtra**
Date : **03/10/2016**





Dr. Arun R. Patil
Principal

Map of the Institution



ANNEXURE I

**Affiliation and Continuation letter from University from the
Academic Year 2015-16 and 2016-17**

दूरध्वनी क्रमांक : ०२०-२५६९१२३३ २५६०१२५७ २५६०१२५८ २५६०१२५९  16030002	सावित्रीबाई फुले पुणे विद्यापीठ (पूर्वीचे पुणे विद्यापीठ) 	शैक्षणिक विभाग गणेशखिंड, पुणे-४११००७. टेलिग्राफ : 'युनिपुणे' फॅक्स : ०२०-२५६९१२३३ वेबसाइट : www.unipune.ac.in ई-मेल : dyacademic@unipune.ac.in
संदर्भ क्र.:CAV1431		दि.: ०९/०६/२०१६

प्रति,

मा. प्राचार्य,

बन्सीलाल रामनाथ अय्यल चॅरिटेबल ट्रस्ट विश्वकर्मा
कला वाणिज्य व विज्ञान महाविद्यालय पत्ता: कोंढवा धु
ता.: पुणे (महानगर पालिका हद्द) जि: पुणे

विषय:- शैक्षणिक वर्ष २०१५-२०१६, २०१६-२०१७, या वर्षाकरिता सलग्नीकरणाचे नुतनीकरण

महोदय,

वरील विषयासंदर्भात विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार आपणास कळविण्यात येते की, आपल्या महाविद्यालयास शैक्षणिक वर्ष २०१५-२०१६, २०१६-२०१७, या वर्षाकरिता खालील रकान्यात नमूद केलेल्या अभ्यासक्रमांच्या सलग्नीकरणाच्या नुतनीकरणास / नैसर्गिकवादीस अहवालातील अटी व शर्तीची पूर्तता विद्यापीठाचे हे पत्र निर्गमित झाल्याच्या तारखेपासून तीन महिन्यांच्या आत पूर्ण करण्याच्या अटीवर परवानगी देण्यात येत आहे.

अनु. क्र.	अभ्यासक्रमाचा तपशील	विद्यार्थी संख्या	शैक्षणिक वर्ष व विषय	सलग्नीकरणाचा प्रकार
1	एम.एससी. कॉम्प्युटर सायन्स	-	2015-2016 :- वर्ष प्रथम व द्वितीय- Div No.2., 2016-2017 :- वर्ष प्रथम व द्वितीय- Div No.2.,	नूतनीकरण

2	<p>बी.एस्सी.</p> <p>2015-2016 : बी.एस्सी. (इलेक्ट्रॉनिक्स)- वर्ष पहिले ते तिसरे- Div No.1,बी.एस्सी. (केमिस्ट्री)- वर्ष पहिले ते तिसरे- Div No.1,बी.एस्सी. (फिजिक्स)- वर्ष पहिले ते तिसरे- Div No.1,बी.एस्सी. (बॉटनी)- वर्ष पहिले ते तिसरे- Div No.1,बी.एस्सी. (मॅथेमॅटिक्स)- वर्ष पहिले ते तिसरे- Div No.1,बी.एस्सी. झुल्लोजी- वर्ष पहिले ते तिसरे- Div No.1.,2016-2017 :</p>	
3	<p>बी.एस्सी. कॉम्प्युटर सायन्स</p> <p>2015-2016 : - वर्ष पहिले ते तिसरे- Div No.2.,2016-2017 : - वर्ष पहिले ते तिसरे- Div No.2.,</p>	<p>नूतनीकरण</p> <p>नूतनीकरण</p>

कळावे,

आपला,

सोबत : अहवाल

Handwritten signature
7/03/2016
वैधानिक

TRUE COPY
Handwritten signature
Dr. Arun R. Patil
PRINCIPAL
Vishwakarma College of Arts
Commerce & Science
Kondhwa(Bk.), Pune - 411 048.

दूरध्वनी क्रमांक :

०२०-२५६९१२३३

२५६०१२५७

२५६०१२५८

२५६०१२५९



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सावित्रीबाई फुले पुणे विद्यापीठ

(पूर्वार्धे पुणे विद्यापीठ)



टेलिग्राफ : 'युनिपुणे'

फॅक्स : ०२०-२५६९१२३३

वेबसाइट : www.unipune.ac.in

ई-मेल : dyracademic@unipune.ac.in

शैक्षणिक विभाग

मणेरखिंद, पुणे-४११,००७.

संदर्भ क्र.: CA/3508

दि.: 26-12-2015

प्रति,

मा. प्राचार्य,

बन्सीलाल रामनाथ अग्रवाल घेरिटेबल ट्रस्ट विश्वकर्मा

कला वाणिज्य व विज्ञान महाविद्यालय पता: कोठवा धु

ता.: पुणे (महानगर पालिका हद्द) जि: पुणे

विषय:- शैक्षणिक वर्ष २०१५-२०१६, २०१६-२०१७, या वर्षाकरिता सलग्नीकरणाचे नुतनीकरण

महोदय,

वरील विषयासंदर्भात विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार आपणास कळविण्यात येते की, आपल्या महाविद्यालयास शैक्षणिक वर्ष २०१५-२०१६, २०१६-२०१७, या वर्षाकरिता खालील रकान्यात नमूद केलेल्या अभ्यासक्रमांच्या सलग्नीकरणाच्या नुतनीकरणास / नैसर्गिकवाटीस अहवालातील अटी व शर्तीची पूर्तता विद्यापीठाचे हे पत्र निगमित झाल्याच्या तारखेपासून तीन महिन्यांच्या आत पूर्ण करण्याच्या अटीवर परवानगी देण्यात येत आहे.

अनु. क्र.	अभ्यासक्रमाचा तपशील	विद्यार्थी संख्या	शैक्षणिक वर्ष व विषय	संलग्नीकरणाचा प्रकार
1	एम.सी.ए. कॉमर्स	-	2015-2016 :- वर्ष पहिले ते तिसरे- Div No.1,, 2016-2017 :- वर्ष पहिले ते तिसरे- Div No.1,,	नुतनीकरण
2	डिप्लोमा इन जर्मन	-	2015-2016 :- -- Div No.1,, 2016-2017 :- -- Div No.1,,	नुतनीकरण
3	डिप्लोमा इन जापनीज	-	2015-2016 :- -- Div No.1,, 2016-2017 :- -- Div No.1,,	नुतनीकरण
4	डिप्लोमा इन फ्रेंच	-	2015-2016 :- -- Div No.1,, 2016-2017 :- -- Div No.1,,	नुतनीकरण
5	बी. बी. एम. (इंटरनॅशनल बिझनेस)	-	2015-2016 :- वर्ष पहिले ते तिसरे- Div No.1,, 2016-2017 :- वर्ष पहिले ते तिसरे- Div No.1,,	नुतनीकरण
			2015-2016 : अकाउंटन्सी- वर्ष पहिले ते तिसरे- Div No.1, अडुवान्स अकाउंटिंग- वर्ष पहिले ते तिसरे- Div No.1, ऑडिटिंग ऑड टॅक्सेशन- वर्ष पहिले ते तिसरे- Div No.1, इंग्लीश- वर्ष पहिले ते तिसरे- Div No.1, इंटरनॅशनल इकॉनॉमीक्स- वर्ष पहिले ते तिसरे- Div No.1, इंडियन ऑड ग्लोबल	

6 बी.कॉम.

ते तिसरे- Div No.1,एन्वाइरन्मेंटल
 साइन्स- वर्ष पहिले ते तिसरे- Div
 No.1,ओफीस मॅनेजमेंट- वर्ष पहिले
 ते तिसरे- Div No.1,कंप्यूटर
 कॉन्सेप्ट्स आंड प्रोग्रामिंग- वर्ष
 पहिले ते तिसरे- Div
 No.1,कार्पोरेट अकाउंटिंग- वर्ष
 पहिले ते तिसरे- Div No.1,कॉस्ट
 अंड वॉर्स अकाउंटिंग- वर्ष पहिले ते
 तिसरे- Div No.1,कार्पोरेट लॉ- वर्ष
 पहिले ते तिसरे- Div
 No.1,प्रिन्सिपल अंड फंडांन्स ऑफ
 मॅनेजमेंट- वर्ष पहिले ते तिसरे- Div
 No.1,फायनान्शियल अकाउंटिंग-
 वर्ष पहिले ते तिसरे- Div
 No.1,बँकिंग अंड फाइनान्स- वर्ष
 पहिले ते तिसरे- Div No.1,बिजनेस
 आडमिनिस्ट्रेशन- वर्ष पहिले ते
 तिसरे- Div No.1,बिजनेस
 इंफॉर्माॅटिक्स- वर्ष पहिले ते तिसरे-
 Div No.1,बिजनेस कम्युनिकेशन-
 वर्ष पहिले ते तिसरे- Div
 No.1,बिजनेस रेग्युलॅट्री अंड
 फ्रेमवर्क- वर्ष पहिले ते तिसरे- Div
 No.1,बी. कॉम. इ-कॉमर्स- वर्ष
 पहिले ते तिसरे- Div
 No.1,मॅथेमेटिक्स अंड
 स्टॅटिस्टिक्स- वर्ष पहिले ते तिसरे-
 Div No.1,मराठी (वाणिज्य)- वर्ष
 पहिले ते तिसरे- Div
 No.1,मार्केटिंग अंड सालेसमॅनशिप-
 वर्ष पहिले ते तिसरे- Div
 No.1,मार्केटिंग मॅनेजमेंट- वर्ष
 पहिले ते तिसरे- Div No.1,हिंदी-
 वर्ष पहिले ते तिसरे- Div
 No.1,2016-2017 : अकाउंटन्सी-
 वर्ष पहिले ते तिसरे- Div
 No.1,अड्वान्स अकाउंटिंग- वर्ष
 पहिले ते तिसरे- Div No.1,आॅडी
 टिंग अंड टॅक्सेशन- वर्ष पहिले ते
 तिसरे- Div No.1,इंग्रजी- वर्ष पहिले
 ते तिसरे- Div No.1,इंटरनॅशनल
 इंफॉर्माॅटिक्स- वर्ष पहिले ते तिसरे-
 Div No.1,इंडियन अंड ग्लोबल
 इंफॉर्माॅटिक्स डेवेलपमेंट- वर्ष पहिले
 ते तिसरे- Div No.1,एन्वाइरन्मेंटल

मृतनीकरण

			No.1,ऑफिस मैनेजमेंट- वर्ष पहिले ते तिसरे- Div No.1,कंप्यूटर कॉन्सेप्ट्स ऑड प्रोग्रामिंग- वर्ष पहिले ते तिसरे- Div No.1,कारपोरेट अकाउंटिंग- वर्ष पहिले ते तिसरे- Div No.1,कॉस्ट अंड वक्स अकाउंटिंग- वर्ष पहिले ते तिसरे- Div No.1,कॉर्पोरेट लॉ- वर्ष पहिले ते तिसरे- Div No.1,प्रिन्सिपल अंड फंडन्स ऑफ मैनेजमेंट- वर्ष पहिले ते तिसरे- Div No.1,फायनान्शियल अकाउंटिंग- वर्ष पहिले ते तिसरे- Div No.1,बँकिंग ऑड फाइनेन्स- वर्ष पहिले ते तिसरे- Div No.1,बिजनेस आडमिनिस्ट्रेशन- वर्ष पहिले ते तिसरे- Div No.1,बिजनेस इकॉनॉमिक्स- वर्ष पहिले ते तिसरे- Div No.1,बिजनेस कम्युनिकेशन- वर्ष पहिले ते तिसरे- Div No.1,बिजनेस रेस्युल्टरीटी ऑड प्रेमवर्क- वर्ष पहिले ते तिसरे- Div No.1,बी. कॉम. इ-कॉमर्स- वर्ष पहिले ते तिसरे- Div No.1,मॅनेजमेंट अंड स्टॅटिस्टिक्स- वर्ष पहिले ते तिसरे- Div No.1,मराठी (वाणिज्य)- वर्ष पहिले ते तिसरे- Div No.1,मार्केटिंग ऑड सालेसमॅनशिप- वर्ष पहिले ते तिसरे- Div No.1,मार्केटिंग मैनेजमेंट- वर्ष पहिले ते तिसरे- Div No.1,हिंदी- वर्ष पहिले ते तिसरे- Div No.1..	
7	बी.बी.ए.	-	2015-2016 :- वर्ष पहिले ते तिसरे- Div No.1,,2016-2017 :- वर्ष पहिले ते तिसरे- Div No.1,,	नूतनीकरण
8	बी.बी.ए.(कॉम्प्यूटर ऑप्सिकेशन)	-	2015-2016 :- वर्ष पहिले ते तिसरे- Div No.1,,2016-2017 :- वर्ष पहिले ते तिसरे- Div No.1,,	नूतनीकरण
9	सर्टिफिकेट कोर्स इन इंग्लिश लिटरेचर	-	2015-2016 :- Div No.1,,2016-2017 :- Div No.1,,	नूतनीकरण
10	सर्टिफिकेट कोर्स इन जर्मन	-	2015-2016 :- Div No.1,,2016-2017 :- Div No.1,,	नूतनीकरण
11	सर्टिफिकेट कोर्स इन जापनीज	-	2015-2016 :- Div No.1,,2016-2017 :- Div No.1,,	नूतनीकरण
12	सर्टिफिकेट कोर्स इन फ्रेंच	-	2015-2016 :- Div No.1,,2016-2017 :- Div No.1,,	नूतनीकरण

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Arun R. Patil
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आपला,

सोबत : अहवाल

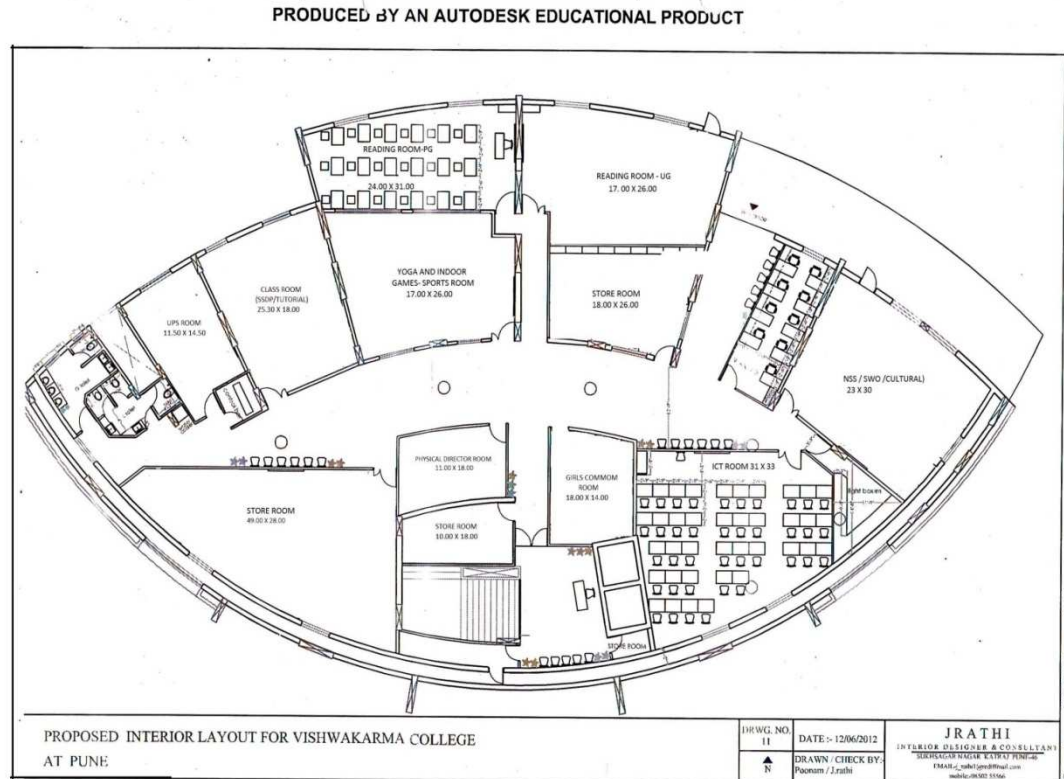
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Arun R. Patil
Dr. Arun R. Patil
PRINCIPAL
Vishwakarma College of Arts
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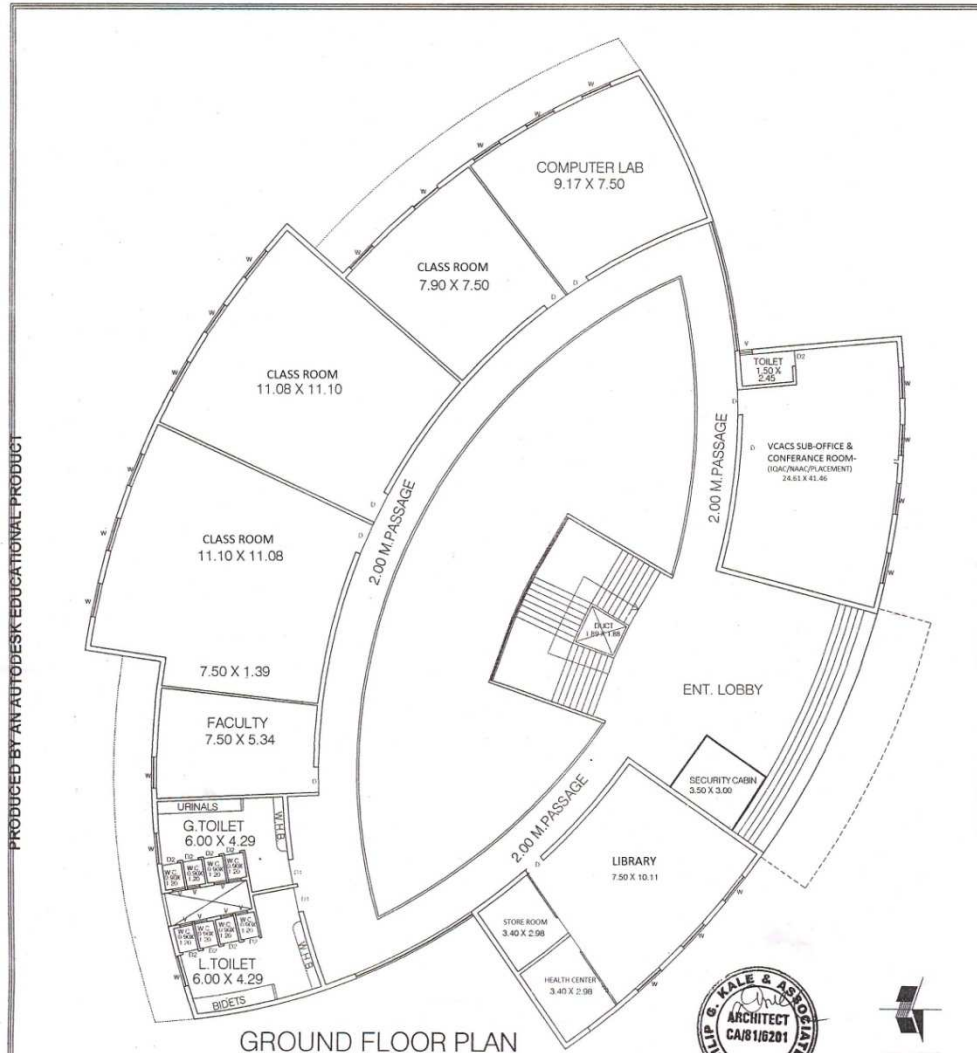
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Annexure II

College Building Master Plan



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GROUND FLOOR PLAN

BANSILAL RAMNATH AGARWAL CHARITABLE TRUST'S

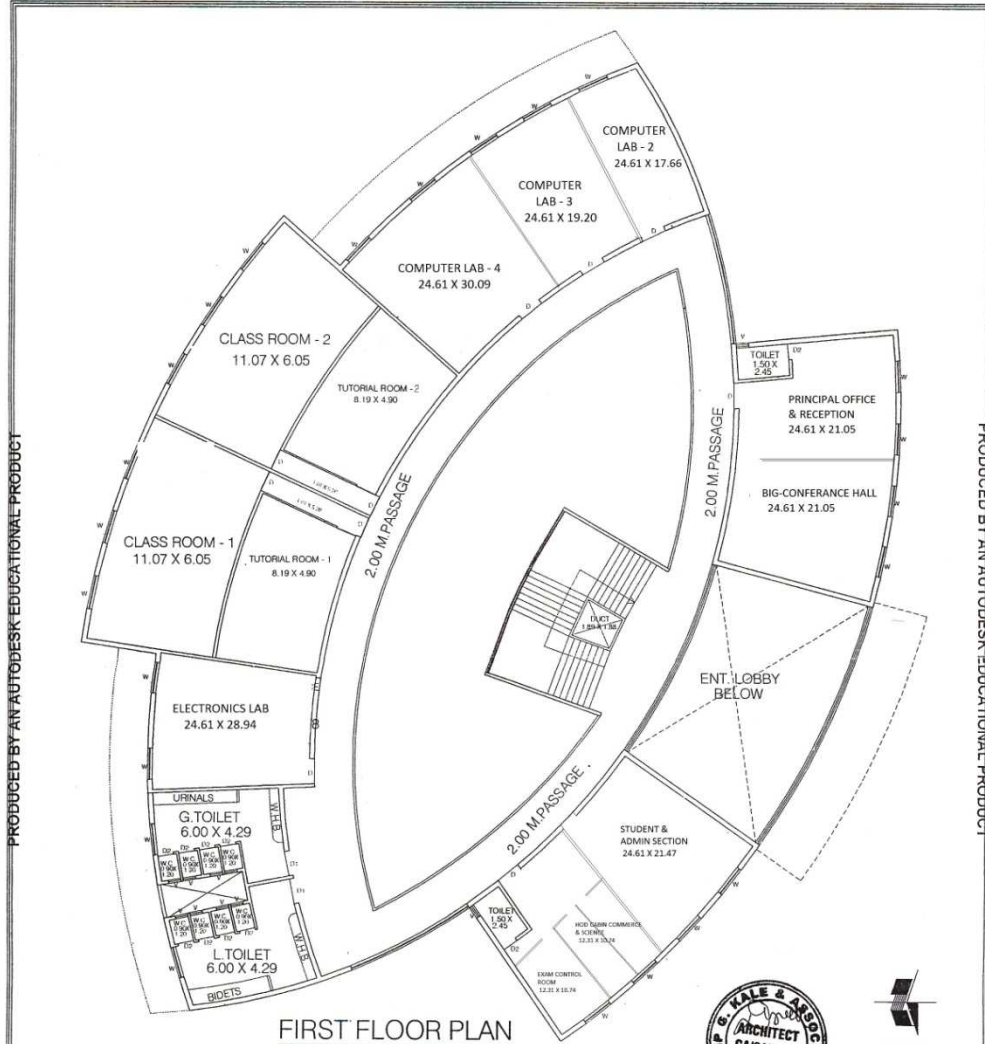
PROPOSED LAYOUT FOR PGDM INSTITUTE
AT S.NO.3 HISSA NO 6 PART,
KONDHWA BUDRUK, TAL. HAVELI, PUNE 411048

**DILIP G KALE**

ARCHITECT & INTERIOR
DESIGNER
(REG. NO. CA/81/6201)
1226 B, SHUKRAWAR PETH
LANE NO 4, SUBHASH NAGAR,
PUNE.- 02

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FIRST FLOOR PLAN

BANSILAL RAMNATH AGARWAL CHARITABLE TRUST'S

PROPOSED LAYOUT FOR PGDM INSTITUTE
AT S.NO.3 HISSA NO 6 PART,
KONDHWA BUDRUK, TAL. HAVELI, PUNE 411048



NORTH

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