



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	RAYAT SHIKSHAN SANSTHA'S KARMAVEER BHAURAO PATIL COLLEGE VASHI
Name of the head of the Institution	DR V. S. SHIVANKAR
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02227663723
Mobile no.	9004933323
Registered Email	principal@kbpcollegevashi.edu.in
Alternate Email	shivankarvs@gmail.com
Address	SECTOR 15 A
City/Town	VASHI NAVI MUMBAI
State/UT	Maharashtra
Pincode	400703

<b>2. Institutional Status</b>					
Autonomous Status (Provide date of Conformant of Autonomous Status)	24-May-2018				
Type of Institution	Co-education				
Location	Urban				
Financial Status	Self financed and grant-in-aid				
Name of the IQAC co-ordinator/Director	DR SHUBHADA NAYAK				
Phone no/Alternate Phone no.	02227893710				
Mobile no.	9869845255				
Registered Email	shubhadanayak@kbpcollegevashi.edu.in				
Alternate Email	shubhada009@gmail.com				
<b>3. Website Address</b>					
Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.kbpcollegevashi.edu.in/">https://www.kbpcollegevashi.edu.in/</a>				
<b>4. Whether Academic Calendar prepared during the year</b>	Yes				
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://www.kbpcollegevashi.edu.in/wp-content/uploads/2020/03/Academic_calendar_2019-20.pdf">https://www.kbpcollegevashi.edu.in/wp-content/uploads/2020/03/Academic_calendar_2019-20.pdf</a>				
<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
2	A	3.28	2011	08-Jan-2011	07-Jan-2016
3	A+	3.53	2017	02-May-2017	31-Dec-2023
<b>6. Date of Establishment of IQAC</b>			20-Dec-2005		
<b>7. Internal Quality Assurance System</b>					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by	Date & Duration		Number of participants/ beneficiaries		

IQAC		
Meeting of Autonomous Colleges in Thane District Called by Joint Director, Higher education, Konkan Region Panvel by Dr. Sanjay Jagtap Joint Director	23-Oct-2019 1	24
Felicitation of Faculty Members, Staff, Committees and Departments by Hon. Dr. Tatyrao Lahane Director of medical Education and Research, JJ Hospital, Nagpada, Mumbai	18-Sep-2019 1	220
ISO Certification by Lakshya Management Consultant Pvt. Ltd	13-Sep-2019 1	85
FDP on Google Class Room by I.T. Department	26-Jul-2019 2	118
Faculty Orientation Program for Management Appointed Teachers by I.T. Department	22-Jul-2019 1	78
Knowledge Sharing Forum Lecture by Dr. B.M. Munde on	08-Jul-2019 1	111
Knowledge Sharing Forum Lecture by Dr. Vikas A. Thakur on Filling of AQAR under New NAAC Process	03-Jul-2019 1	35
FDP Facilitation Techniques Tools	08-May-2020 02	112
Hands on workshop on 'important aspects of implementation of autonomy'	22-Nov-2019 2	48
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**8. Provide the list of Special Status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
CHEMISTRY MICROBIOLOGY PHYSICS MATHEMATICS	FIST	DST	2013 1068	9000000
CHEMISTRY MICROBIOLOGY PH	STAR COLLEGE SCHEME	DBT	2014 1460	3600000

YSICS CHEMISTRY MICROBIOLOGY PHYSICS				
BIOTECHNOLOGY	STAR COLLEGE SCHEME	DBT	2018 1068	2500000
CHEMISTRY MICROBIOLOGY PHYSICSb	STAR STATUS	DBT	2018 1068	700000
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<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	4
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No

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

A. Guidance provided to all the departments for implementation of autonomy: Following are the aspects on which the hand holding of departments was done. 1. Curriculum design 2. Continuous internal evaluation methods 3. Rubrics for CIE 4. Conduct of meetings of all statutory committees of the college e.g. Board of Studies in all subjects, Academic Council, Board of Examination, Finance Board, Governing Body. 5. All functions under autonomy were monitored for quality enhancement. B. ISO 9001:2015 certification on 25th July 2019: For development and application of quality benchmarks/parameters of the various academic and administrative activities of the institution, IQAC commenced the ISO 9001:2008 accreditation process in 2013. This year continuation of certification was done as per ISO 9001:2015 and the certificate was awarded to the college on 25th July 2019. C. Guidance given to 53 committees of the institute: The college has 53 different committees to cater to different requirements of curricular, cocurricular and extracurricular aspects of academic life. Scope of action was given to all 53 committees of the college. Their activities were monitored twice in a year. D. Internal Academic Monitoring of departments was done twice in a year. Internal Academic Monitoring Committee functions under the guidance of IQAC. A detail format of monitoring is prepared and the departments are guided to conduct the academic activities in order to enhance quality. IAMC checks all the academic functions of the departments and give suggestions. Academic diaries are also checked by IAMC. E. Guidance provided to the Board of Examination for conduct of examinations for: 1. Preparation of Examination Manual 2. Online Internal Examinations 3. Bring quality in functions of examination cell.

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

Plan of Action	Achievements/Outcomes
Guidance provided to the Board of Examination	Guidance provided to the Board of Examination for conduct of examinations for: 1. Preparation of Examination Manual 2. Online Internal Examinations 3. Bring quality in functions of examination cell.
Guidance to upgrade syllabi of various courses	In continuous efforts to improve syllabi, it is necessary to upgrade syllabus for which guidance was given to various departments as and when needed
Internal Academic Monitoring of Departments	Activities of departments were monitored by Internal Academic Monitoring Committee under the guidance of IQAC. Monitoring was done twice in the academic year.
Assign scope of work for each committee and monitor their functioning once every semester	Each of the committees were given clear instructions about the scope of work. The committee chairpersons were asked to submit the Annual plan of work. Monitoring of committees were done once in every term.
ISO 9001:2015 certification	ISO 9001:2015 certificate was awarded on 25th July 201

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**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
COLLEGE DEVELOPMENT COMMITTEE	05-Dec-2019

**15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?**

No

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2020

Date of Submission

25-Jan-2020

<b>17. Does the Institution have Management Information System ?</b>	<b>Yes</b>
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>The college has Management Information System in place and it is used for the following purposes:</p> <ol style="list-style-type: none"> <li>1. Student Admission: All the admissions in the college are online. The software creates merit lists and after completing the admission process, it also generates identity cards.</li> <li>2. Student Attendance: The attendance is taken in an electronic manner. The software helps generate all types of attendance reports.</li> <li>3. Library: All the library functions are managed with the help of MKCL's LIBRARIA software. OPAC is used for locating the books.</li> <li>4. Accounts: Tally software is used for keeping all the accounts.</li> <li>5. HR management: Biometric is done for attendance of teaching and nonteaching staff. The data of all the workforce is managed electronically.</li> <li>6. Examination: Separate software is used to conduct exams. The software generates hall tickets as well as mark sheets.</li> <li>7. Internal examination tests are taken online for all the classes.</li> </ol>

**Part B**

**CRITERION I – CURRICULAR ASPECTS**

**1.1 – Curriculum Design and Development**

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BVoc	P-UGVOC	Bvoc Food Technology	19/10/2019
BSc	P-UGSC	BSc Physics	19/10/2019
BA	P-UGA	BA Psychology	19/10/2019
BA	P-UGA	BA Economics	19/10/2020
BA	P-UGA	BA English	19/10/2019
BA	P-UGA	BA Geography	19/10/2019
BA	P-UGA	BA Philosophy	19/10/2019
BCom	P-UGCOM	BCom Commerce	19/10/2019
BCom	P-UGCOM	BCom Accountancy	19/10/2019
MA	P-PGA	M.A. Psychology	19/10/2019

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic

year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BCom	BCOM	19/10/2019	UGBBI603	19/10/2019
BCom	BCOM	19/10/2019	UGCOM504	19/10/2019
BSc	BSc CHEMISTRY	19/10/2019	UGCH504	19/10/2019
BSc	BSc CHEMISTRY	19/10/2019	UGCH501	19/10/2019
BSc	BSc CHEMISTRY	19/10/2019	UGCH503	19/10/2019
BSc	BSc CHEMISTRY	19/10/2019	UGCH601	19/10/2019
BSc	BSc Physics	19/10/2019	UGEI501	19/10/2019
BSc	BSc Physics	19/10/2019	UGEI601	19/10/2019
BSc	BSc Physics	19/10/2019	UGPH501	19/10/2019
BSc	BSc Physics	19/10/2019	UGPH502	19/10/2019
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## 1.2 – Academic Flexibility

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

Programme/Course	Programme Specialization	Dates of Introduction
BA	TYBA Philosophy	15/06/2019
MA	Psychology	15/06/2019
MA	Geography	15/06/2019
No file uploaded.		

### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	BSc MICROBIOLOGY	15/06/2019
BSc	BSc CHEMISTRY	15/06/2019
BSc	BSc PHYSICS	15/06/2019
BSc	BSc MATHEMATICS	15/06/2019
BSc	BSc BIOTECHNOLOGY	15/06/2019
BSc	BSc INFORMATION TECHNOLOGY	15/06/2019
BSc	BSc COMPUTER SCIENCE	15/06/2019
BA	BA ENGLISH	15/06/2019
BA	BA ECONOMICS	15/06/2019
BA	BA GEOGRAPHY	15/06/2019
BA	BA PSYCHOLOGY	15/06/2019
BA	BA PHILOSOPHY	15/06/2019
BCom	BCom	15/06/2019
BCom	BCom ACCOUNTING & FINANCE	15/06/2019

BCom	BCom MANAGEMENT STUDIES	15/06/2019
BCom	BCom BANKING & INSURANCE	15/06/2019
BVoc	BVoc FOOD TECHNOLOGY	15/06/2019
MSc	MSc MICROBIOLOGY	15/06/2019
MSc	MSc CHEMISTRY ORGANIC	15/06/2019
MSc	MSc CHEMISTRY INORGANIC	15/06/2019
MSc	MSc CHEMISTRY ANALYTICAL	15/06/2019
MSc	MSc PHYSICS	15/06/2019
MSc	MSc MATHEMATICS	15/06/2019
MSc	MSc INFORMATION TECHNOLOGY	15/06/2019
MSc	MSc COMPUTER SCIENCE	15/06/2019
MSc	MSc BIOANALYTICAL SCIENCES	15/06/2019
MA	MA ENGLISH	15/06/2019
MA	MA BUSINESS ECONOMICS	15/06/2019
MA	MA GEOGRAPHY	15/06/2019
MA	MA PSYCHOLOGY	15/06/2019
MCom	MCom ADVANCED ACCOUNTING	15/06/2019

### 1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Opportunities and practices in Insurance Services	15/06/2019	100
Stock market and investment management	15/06/2019	200
Skill Based Course in Spoken English	15/06/2019	81
Script Writing	15/06/2019	22
Geographical Information System	15/06/2019	61
Advanced Surveying	15/06/2019	7
Geoinformatics	15/06/2019	25
Work Related Soft Skills	15/06/2019	15
Working with Children with Special Needs	15/06/2019	11
Psychological First Aid	15/06/2019	35
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### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BCom	BCom BANKING & INSURANCE	39
BCom	BCom MANAGEMENT STUDIES	86
BCom	Bcom Accounting & Finance	107
BSc	BSc COMPUTER SCIENCE	23
MSc	MSc BIOANALYTICAL SCIENCES	3
MCom	Mcom Advanced Accounting	78
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### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

##### Feedback Obtained

Structured online Feedback forms are designed for the stakeholders viz. Students, alumni, teachers, parents, industry persons, and Peer teachers to obtain transparent, genuine feedback which is utilised for holistic developments of students as well as institute. feedback from the students on the curriculum is taken twice in a semester on various teaching/learning aspects and it is analysed by the HODs and corrective measures if any, are informed to the respective faculties for further improvements. Feedback / suggestions on curriculum received from all the stakeholders are discussed in Board of Studies Meet held in every semester and changes are made accordingly in the curriculum with the permission from academic council. The revised curriculum is then published on college website. Feedback about the infrastructural facilities like library, classroom, laboratory facilities, teaching aids available, playground, gymnasium, washrooms, drinking water is obtained from students. The feedback so obtained is analysed for further improvement. Feedback from the parents is obtained by interacting with them during Parent Teacher Meet held by every department. Feedback obtained from alumni by online forms and alumni meets for suggestions or improvements in the curriculum is noted by HODs, discussed in Board of studies for further action. Curriculum feedback is sought from the peer teachers visiting institutes for different events like seminars, conferences and examinations, subsequent changes if needed are made in the curriculum with the permission from Board of studies and academic council. Syllabus is also shared with industry personnel for their suggestions and requirement as per the recent trends in industries their feedback is also discussed in the Board of Studies Meet held at departmental level for further action. The College follows a continuous review

system of the curriculum. The College has established an IQAC as a Quality sustenance and Quality enhancement measure. The IQAC has been infusing a sense of belongingness into the entire teaching faculty of the Institution. The functioning of various committees of the College strengthens the quality sustenance and enhancement measures to ensure the effective development of curricula through feedback obtained from all its stakeholders. The college makes efforts to integrate socially relevant issues into the curriculum with the help of the different cells functioning in the college like Career Guidance Cell, Anti-Ragging Cell, SC/ST Cell, and NSS. IQAC has been organizing Faculty Development Program every year to enhance the professional competency and teaching pedagogy of the faculty. Curriculum is enriched through addition of projects as a course as per feedback suggestions from students and BOS members, student conferences/symposiums in the college.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BA	ENGLISH, PSYCHOLOGY, ECONOMICS, GEOGRAPHY	360	450	302
BCom	ACCOUNTANCY, ACCOUNTING & FINANCE, BANKING AND INSURANCE	2100	2066	1821
BSc	CHEMISTRY, PHYSICS, MICROBIOLOGY, MATHEMATICS, INFORMATION TECHNOLOGY, COMPUTER SCIENCE, BIOTECHNOLOGY	1329	1553	1187
BMS	MANAGEMENT	360	407	391
MA	ECONOMICS, PSYCHOLOGY, GEOGRAPHY	120	93	70
MCom	ACCOUNTANCY	280	176	146
MSc	CHEMISTRY, PHYSICS, MICROBIOLOGY, MATHEMATICS, COMPUTER SCIENCE, INFORMATION TECHNOLOGY, BIO ANALYTICAL SCIENCE	403	621	361
BVoc	FOOD	100	100	86

[View File](#)**2.2 – Catering to Student Diversity**

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	3787	577	111	14	49

**2.3 – Teaching - Learning Process**

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
2019	125	7	38	Nil	13

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

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

Yes, 1. A well-structured mentor-mentee system has been developed in the college. 2. The Mentor-Mentee system in our institute ensures a constant interaction between faculty and students. 3. One faculty member (Mentor) is assigned to a group of students to counsel them on their personal academic, administrative and social concerns. 4. Mentors prepare the list of students allotted to him as a mentee. 5. Mentor collects all the personal and educational information of mentee in the given format. 6. Mentor focuses on the needs of the students and regular updates about the student progress. 7. Mentors share their knowledge, experience and wisdom with the students. They stimulate curiosity and build confidence by presenting new ideas, opportunities and challenges. By providing an open and supportive environment mentors discover talents and interests and help in attaining mentees goals. 8. Mentor keeps communication open, offers support, defines expectations, maintains contacts, advises them to be honest, innovative creative, tells them to be reliable and consistent, positive and enthusiastic.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4364	125	1 : 35

**2.4 – Teacher Profile and Quality**

## 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
49	34	Nil	10	29

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
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2019	Dr. Gurumeet C. Wadhawa	Assistant Professor	Selected as an organising Committee Member of State Level "Avishkar Research Convection 2019-20" by Mumbai University
2019	Dr. Shubhada S. Nayak	Associate Professor	Selected as a Referee for Ph.D. thesis of Ms. Nilima Shivale of School of Biotechnology and Bioinformatics, D. Y. Patil University
2019	Dr. Shubhada S. Nayak	Associate Professor	Selected as a Reviewer of international Journal "Science of Total Environment" (Elsevier)
2019	Dr. Gurumeet C. Wadhawa	Assistant Professor	Selected as a Referee at the "India International Science Festival" Kolkata
2019	Dr. Gurumeet C. Wadhawa	Assistant Professor	Recognised as a Ph.D. guide by University of Mumbai
2019	Dr. Gurumeet C. Wadhawa	Assistant Professor	Recognised as a Ph.D. guide by Shri Jagdishprasad Jhabarmal Tibrewala University (JJTU)
2019	Dr. Gurumeet C. Wadhawa	Assistant Professor	Best Paper Award in the International Conference at Shri Shivaji College, Amravati
2019	Dr. Gurumeet C. Wadhawa	Assistant Professor	Selected as an Editor for Nanotechnology Journal (J. of Nanotechnology and Nanomedicine Research)
2019	Dr. Gurumeet C. Wadhawa	Assistant Professor	Selected as a member of Editorial board of the "International

			Engineering Journal for Research and Development”
2019	Dr. Gurumeet C. Wadhawa	Assistant Professor	Selected as an Editor of journal “Journal of Bioscience” (Trends in Bioscience Journal)
<a href="#">View File</a>			

## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BA	P-UGA	VI	14/10/2020	28/10/2020
BCom	P-UGCOM	VI	14/10/2020	28/10/2020
MSc	P-PGSC	IV	14/10/2020	28/10/2020
MCom	P-PGCOM	IV	14/10/2020	28/10/2020
MA	P-PGA	IV	14/10/2020	28/10/2020
BSc	P-UGSC	VI	14/10/2020	28/10/2020
<a href="#">View File</a>				

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	4432	0

## 2.6 – Student Performance and Learning Outcomes

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

<https://www.kbpcollegevashi.edu.in/program-course-outcomes/>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
P-PGSC	MSc	MICROBIOLOGY, CHEMISTRY, MATHEMATICS, PHYSICS, COMPUTER SCIENCE, INFORMATION TECHNOLOGY,	167	167	100

		BIOALALYTICAL SCIENCE			
P-PGCOM	MCom	ACCOUNTANCY	80	76	95
P-UGA	BA	ECONOMICS, ENGLISH, GEOGRAPHY, PSYCHOLOGY	98	96	97.96
P-UGCOM	BCom	COMMERCE, ACCOUNTING AND FINANCE, BANKING AND INSURANCE	464	442	95.26
P-UGCOM	BMS	MANAGEMENT	127	126	99.21
P-UGSC	BSc	CHEMISTRY, MATHEMATICS, MICROBIOLOGY PHYSICS	174	174	100
P-UGSC	BSc	INFORMATION TECHNOLOGY	102	102	100
P-UGSC	BSc	BIOTECHNOL OGY	26	26	100
P-UGSC	BSc	COMPUTER SCIENCE	57	56	98.25
P-UGA	MA	ECONOMICS, ENGLISH, GEOGRAPHY, PSYCHOLOGY	24	23	95.83
<a href="#">View File</a>					

## 2.7 – Student Satisfaction Survey

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

<https://www.kbpcollegevashi.edu.in/feedback/>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

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

No

No file uploaded.

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

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Zende A S	State government	19/02/2019	Govt. of Maharashtra
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### 3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	730	Govt. of Maharashtra	250000	250000
<a href="#">View File</a>				

#### 3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

1
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### 3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
IPR and Research Methodology	Computer Science and IT	26/02/2020
<a href="#">View File</a>		

#### 3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	Nil	NIL
No file uploaded.				

#### 3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Kharghar	Rayat Centenary centre for Invention, Innovation and Incubation	Science Tech Park , Pune and Tata Technologies Ltd	NIL	NIL	09/02/2019
<a href="#">View File</a>					

### 3.4 – Research Publications and Awards

#### 3.4.1 – Ph. Ds awarded during the year

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

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Chemistry	8	0.98
International	Microbiology	1	Nil
International	Physics	3	2.32

International	Economics	4	Nil
International	Commerce	9	Nil
<a href="#">View File</a>			

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

Department	Number of Publication
Information Technology	22
Computer Science	15
<a href="#">View File</a>	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Nil	Filed	00	Nil
No file uploaded.			

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
The Eggshell Waste Transformed Green and Efficient Synthesis of K-Ca(OH) <sub>2</sub> Catalyst for Room Temperature Synthesis of Chalcones	Dr Bipin S. Shinde	Polycyclic Aromatic Compounds	2020	Nil	Department Of Chemistry, Karmveer Bhauro Patil College, Vashi	Nil
Sodium acetate/MWI : a green protocol for the synthesis of tetrahydrobenzo[ <i>a</i> ]xanthones with biological screening	Dr Bipin S. Shinde	Research On Chemical Intermediate	2020	2	Department of Chemistry, Yashwantrao Chavan Institute of Science, Satara, Maharashtra 415001, India	2
A facilely one pot	Dr Kamlesh V.	Journal of photochemistry	2020	13	Department of	4



flash combustion synthesis of La@ZnO nanoparticles and their characterizations for optoelectronic and photocatalysis application	Chandekar	and Biology A : Chemistry			Physics, Rayat Shikshan Sansthas, Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai, 400703, India	
Binderless synthesis of nanokinet-like cobalt oxide for supercapacitor application	Dr Archana Chavan	Materials today-Proc eedings	2020	Nil	Department of Physics, Karmaveer Bhaurao Patil College, Vashi 400703, India	Nil
Studies on properties of NiO-GDC nano-composite and Ni-GDC cermet	Dr Archana Chavan	Materials today-Proc eedings	2020	Nil	Department of Physics, Karmaveer Bhaurao Patil College, Vashi 400703, India	Nil
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Studies on properties of NiO-GDC nano-composite and Ni-GDC cermet	Dr Archana Chavan	Materials today-Proc eedings	2020	Nil	Nil	Department of Physics, Karmaveer Bhaurao Patil College, Vashi 400703, India
Binderless	Dr Archana	Materials	2020	Nil	Nil	Department

synthesis of nanoknotted-like cobalt oxide for supercapacitor application	Chavan	today-Proceedings				of Physics, Karmaveer Bhaurao Patil College, Vashi 400703, India
A facilely one pot flash combustion synthesis of La@ZnO nanoparticles and their characterizations for optoelectronic and photocatalysis application	DrKamlesh V. Chandekar	Journal of photochemistry and Biology A : Chemistry	2020	2	4	Department of Physics, Rayat Shikshan Sansthas, Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai, 400703, India
Sodium acetate/MWI : a green protocol for the synthesis of tetrahydrobenzo[ <i>b</i> ]xanthones with biological screening	Dr Bipin S. Shinde	Research On Chemical Intermediate	2020	2	2	Department of Chemistry, Yashavantrao Chavan Institute of Science, Satara, Maharashtra 415001, India
The Eggshell Waste Transformed Green and Efficient Synthesis of K-Ca(OH) <sub>2</sub> Catalyst for Room Temperature Synthesis of Chalcones	Dr Bipin S. Shinde	Polycyclic Aromatic Compounds	2020	Nil	Nil	Karmveer Bhaurao Patil College, Vashi

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	19	250	84	27
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### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Department of Chemistry	Air Monotoring and analysis	MPCB	1300000
Department of Microbiology	Bacteriological Identification-Vitek-2	The Principal, Xavier College	10266
Department of Microbiology	Bacteriological Identification-Vitek-2	Chaitali Kadam, CHM college, Ulahasnagar	3540
Department of Microbiology	Bacteriological Identification-Vitek-2	Vivek Patil, D.Y. Patil College, Nerul	354
Department of Microbiology	Bacteriological Identification-Vitek-2	Vijay Dilip Waghmare, Raptakos Brett Co. Ltd.	2832
Department of Microbiology	Water sample Analysis	Aporva Kulkarni, IWSA, Vashi Navi Mumbai	590
Department of Microbiology	Bacteriological Identification-Vitek-2	Saurbhi S. Ghag, ICT College	12390
Department of Microbiology	Sample Drying	Dr. Sanjana Shah, D.Y. Patil College Nerul	590
Department of Microbiology	Bacteriological Identification-Vitek-2	Bhavana Memon, Sophia College	1180
Department of Microbiology	Bacteriological Identification-Vitek-2	Kalpna Vishe, K.V. Pendharkar College	1180
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#### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Nil	NIL	NIL	0	0
No file uploaded.				

### 3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Yoga Day Celebration in College	Dr. P.B. Rishikeshan yoga expert	5	180
Anti Drugs Day	University of Mumbai	3	1756
Anti Tobacco Day	University of Mumbai	2	195
Big Mumbai Clean up	University of Mumbai	2	55
Cleanliness Rally	NMMC	5	250
Adopted area cleaning	NMMC and NSS Unit	3	250
Swacchata Pledge	College NSS Unit and NMMC	5	250
Voting Awareness at College Campus	NSS unit and NMMC	5	246
Police Mitra- help to control traffic at the time of Ganesh Festival	Navi Mumbai Police	5	145
BLOOD DONATION BLOOD GROUP DETECTION CAMP	NSS unit and NMMC	5	142
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Medical Camp	Gold Activity Award	Lions Club International	130
Corona Warriors- Relieve the Hunger	District Governors Award	Lions Club International	500
Corona Warriors- PPA Kit	District Governors Award	Lions Club International	500
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Gender Issue	NSS Unit	BETI BACHAV BETI PADHAV Marathon	2	250
Aids Awareness	Mumbai University	Aids Awareness	3	171

		programme- rally with posters and slogans at Vashi		
Swachh Bharat	NSS unit and NMMC	Anti Plastic Campaign at College Campus	5	150
Swachh Bharat	NSS unit and NMMC	Tree Plantation at College Campus	5	15
Swachh Bharat	NSS unit and NMMC	Environment awareness Rally at Vashi	5	245
Swachh Bharat	College NSS Unit	Swacchata Pledge	5	250
Swachh Bharat	Vashi ward office	Adopted area cleaning	3	250
Swachh Bharat	NMMC	Cleanliness Rally	5	250
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### 3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Bioinstrumentation Work shop for students-SASMIRA	23	Self	4
Bioinstrumentation work shop-Institute of Chromatography and spectroscopy, Nerul	23	self	4
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#### 3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Intrenship	Insurance techniques	Life Insurance Corporation of India	15/11/2019	24/12/2019	6
Intrenship	Insurance techniques	Nirmit Thakkar (Tax	15/11/2019	24/12/2019	1

		consultant)			
Intrenship	Tax Consultancy techniques	GP Parsiks ahakari Bank Ltd	15/11/2019	24/12/2019	5
On Job Training	Animal Tissue culture	ACTREC, Kharghar	02/05/2019	05/08/2019	1
On Job Training	Bioinstrum entation	Quality solutions Ltd. (QSL), Belapur	02/05/2019	05/08/2019	1
On Job Training	Dairy Technology	Igloo dairy, Turbhe	02/05/2019	05/08/2019	3
On Job Training	Food technology	Vista Foods, Taloja	02/05/2019	05/08/2019	2
On Job Training	Mushroom cultivation	TERI, Belapur, Navi Mumbai	02/05/2019	05/08/2019	3
On Job Training	Pharmaceut icals techniques and Document ation	Svizera Labs, Turbhe, MIDC	02/05/2019	05/08/2019	5
On Job Training	Pharmaceut icals techniques and Document ation	Manish Pha rmaceuticals ,Turbhe MIDC	02/05/2019	05/08/2019	5
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
ZOEACS Life Science LLP, Pune	15/12/2019	Work shop for students	43
Institute of Chromatography and spectroscoy, Nerul	03/11/2019	Work shop for students23	23
Eminentminds Bussines Consulting, Vashi	06/08/2019	Short term courses	110
ITAA Education pvt.Ltd. Thane	04/10/2019	short term course	600
Prior Technoword	25/02/2020	For conducting Skill Development	30
TNS Foundation	07/02/2020	For conducting Skill Development	45

Sutra InfoTech	01/08/2020	For conducting Skill Development	50
Pristine Infosolution, Vashi	17/02/2020	Workshop for Students (Cyber Security Ethical Hacking)	50
Spectrum Ventures(IT Training Division)	13/12/2019	Short Term Course (Android)	30
Foslipy Consultancy Services	20/02/2020	Workshop for Faculty(Bigdata Analytics and Data Science using Python)	12

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## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1000000	7999851

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Seminar halls with ICT facilities	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing

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### 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
MKCLs Libreria Software	Fully	2.0.3	2011

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	48346	5929968	4374	637604	52720	6567572
Reference	16438	6436240	219	130009	16657	6566249

Books						
e-Books	3135809	2950	Nil	Nil	3135809	2950
Journals	114	Nil	-44	104138	70	104138
e-Journals	6237	2950	Nil	Nil	6237	2950
Digital Database	5	Nil	Nil	5900	5	5900
CD & Video	1431	Nil	30	Nil	1461	Nil
Weeding (hard & soft)	9174	754943	Nil	Nil	9174	754943
Others (specify)	24	Nil	1	32833	25	32833
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

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

#### 4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	442	12	30	1	2	20	40	30	36
Added	108	0	0	0	0	0	0	0	0
Total	550	12	30	1	2	20	40	30	36

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

30 MBPS/ GBPS
---------------

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NIL	<a href="#">NIL</a>

#### 4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities



10753540

7873692

19068906

14637679

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

College has Building Maintenance Committee who undertakes the regular surveillance of maintenance and upkeep of the infrastructure and facilities. AMC is in place for Air Conditioners, water purifiers coolers, CCTVs, duplicating machines, pest control, fire extinguishers etc. Routine repairs-both civil and electrical are taken care by in-house electrician and mason. Routine maintenance of books is looked after by library staff. Playground and garden are maintained by Gymkhana Committee and Garden Committee respectively. College has AMC with external agencies for the maintenance of certain equipment and instruments like- HPLC, GC, AAS, FTIR, C.H.N.S Analyser etc. Maintenance of routine laboratory instruments as well as effluent treatment plan is handled by laboratory assistants and attendants who are specifically trained to do so. Gas connections and electricity connections are regularly checked for safety. Fire extinguishers are placed at all strategic locations and they are renewed at regular intervals. In science laboratories, Standard Operating Instructions [SOI] are displayed near the instruments which facilitate proper handling and prevent damage to the instruments and avoid accidents. Computer technicians are appointed for the maintenance and upkeep of computers and other ICT facilities. Antivirus are updated and upgraded and installed in all computers. Campus Cleanliness Committee monitors the cleanliness in the campus. Calibration of most regular instruments/equipment is done routinely by the laboratory staff or teachers as per the instructions given in the manual. Calibration of sophisticated instruments is done by the technicians during their visits as per AMC. Calibration log is maintained. Sensitive equipment's are placed in the air-conditioned laboratories that are maintained dust free. Battery backup facility is provided to some instruments who are required to run for long hours. Voltage stabilisers are installed to avoid the damage of sensitive equipment from voltage fluctuations. Generator is available for the rare occasions of power failure. College has water tank of 10,000 liters capacity. Constant supply of water is ensured in every laboratory. Equipment/instruments requiring constant supply of water are placed near water taps. AMC of sensitive equipment/instruments are in place which ensures regular servicing and calibration.

<https://www.kbpcollegevashi.edu.in/facilities/>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Poor Students Fund, Fees Concession and Cash Prize, Meritorious prizes, Scholarships Free Ships	413	2525808
Financial Support from Other Sources			
a) National	Nil	Nil	0
b) International	Nil	Nil	0

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Soft Skill	11/08/2019	140	Vision Consultancy
Foreign Language	11/08/2019	9	Second Tongue
Leadership Development program	14/08/2019	108	N.A
Spoken English	08/09/2019	200	N.A
Self Development Programme	11/02/2019	281	N.A
Remedial Coaching	07/12/2019	675	N.A
Language Lab (English)	08/08/2019	68	N.A
Bridge Course	01/07/2019	82	N.A
Yoga	21/06/2019	321	N.A
Meditation	01/06/2019	225	N.A

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Competitive Examination Guidance Cell	70	387	Nil	Nil

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	6

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
20	530	53	Affluence	28	28

financial services  
Amazon Transportation Services Private Ltd.  
Capgemini Technology Services India Ltd  
Coaching Centre D.Y. Patil International School Nerul  
Deepak Nitrate Private Ltd.  
Deepak Nitrate Private Ltd.  
Deepak Nitrate Privat

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	25	B.Com	Accounts and Finance	Karmaveer Bhaurao Patil College Vashi, Navi Mumbai, SIES, Nerul, Oriental Institute of Management and Studies	MBA, MCom
2020	58	B.Com	Management Science	Oriental College Vashi, Karmaveer Bhaurao Patil College Vashi, Navi Mumbai, Welingkar's Institute, D Y Patil School of Open and Distance	MBA, MCom

				Learning, Indian Institute of Business Management and Studies	
2020	10	B.Sc.	Computer Science	Karmaveer Bhaurao Patil College Vashi, Navi Mumbai.	M.Sc.
2020	9	B.Sc.	Information Technology	Sterling Institute, Karmaveer Bhaurao Patil College Vashi, Navi Mumbai.	M.Sc.
2020	11	B.Sc.	Biotechnol ogy	SP College, PUNE University, Birla College Kalyan, SIES College Pillai College, Jhunjhunwala college Ghatkopar, Patkar College, ICLES college, MGM college	M.Sc., PG diploma in Clinical research data management & medical writing
2020	8	B.Sc.	Mathematics	IDOL, University of Mumbai, Karmaveer Bhaurao Patil College Vashi, Navi Mumbai.	M.Sc.
2020	8	B.Sc.	Physics	Karmaveer BhauraoPatil College Vashi, Navi Mumbai, Institute of Science UDP	M.Sc.
2020	24	B.Sc.	Microbiology	Karmaveer Bhaurao	M.Sc. Micr obiology,

				Patil College Vashi, Navi Mumbai., Ruia College, Matunga, Mumbai, DY Patil University, Nerul, Fergusson College, Pune, IOS, Mumbai, NMIMS, Vile Parle, Mumbai, P.D.Hinduja Hospital, Mahim, St. Xavier's College, Mumbai	ADMLT, M.Sc. Bioanalytical Science, M.Sc. Industrial Microbiology, MBA, PG in Critical Care Technician, Health & Hospital Management,
2020	21	B.Com	Commerce	Karmaveer Bhaurao Patil College Vashi, Navi Mumbai.	MCom
2020	37	B.Sc.	Chemistry	Karmaveer Bhaurao Patil College Vashi, Navi Mumbai., ICT Mumbai, ICL College, Vashi, MBA at Sanpada, MBA Mumbai, MBA Sanpada MBA Vashi, MSC,GN College, SIES, Sion Vaze College	M. Sc. MBA
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	2
<a href="#">View File</a>	

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

Activity	Level	Number of Participants
Cricket	College	231
Kabaddi	College	70
Volley Ball	College	24
Carrom	College	30
Chess	College	28
Table Tennis	College	12
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### 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	Gold	International	1	Nil	199790	Pornima Sakpal
2020	Gold	International	1	Nil	191459	Siddhesh Sarvankar
2020	Gold	International	1	Nil	193822	Rani Suresh Pagare
2020	Silver	International	1	Nil	199576	Mahesh Raghunath Raskar
2020	Silver	International	1	Nil	191459	Siddhesh Sarvankar
2020	bronze	International	1	Nil	191108	Aadinath Yewale
2020	Gold	National	1	Nil	199790	Shital Bhor
2020	Gold	National	1	Nil	193822	Rani Suresh Pagare
2020	Gold	National	1	Nil	199512	Mrunal Arun Kamble
2020	Gold	National	1	Nil	33525	Ashutosh Vijay Singh
<a href="#">View File</a>						

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

Student Welfare Committee promotes and co-ordinates variety of students' activities for better community life. It tries to nurture students' mental, physical and social wellbeing with various activities to improve their overall personality development and to make them civilized Indian citizens to compete in the globalized world. The various activities such as Student Induction

Program (SIP), felicitation of meritorious students, rose day celebration, convocation ceremony, best student of the year, celebration of Matribhasha Diwas and Ek Bharat Shreshtha Bharat (EBSB) activities etc. were organized under the participation and leadership of the students. As per the guidelines received from UGC WRO office, 'Student Induction Program (SIP)' was conducted for the freshers of Arts, Commerce and Science Streams and Self-financed Courses during 11-13 July, 2019. Hon. Principal Dr. V. S. Shivankar had given the detailed information about our college and sanstha in general and the chairpersons of various committees had given the adequate information about the different schemes and facilities available in the college. On the occasion of 132nd Birth anniversary of Padmabhusan Karmaveer Dr. Bhaurao Patil, the 'Felicitation of Meritorious Students' was organized on 19th Sept. 2019 in Barrister P G Patil Auditorium of the college. The first three ranker of all streams of FY and SY classes and First rankers of TY and PG - I II classes were felicitated with a memento, cash prize and certificates. Some special awards were also distributed to meritorious students. This includes Prof. D.P More award for First rank in Physics at XII and T.Y.B.Sc in college, Late Ulka Arjun Dhole award for First Female ranker at T.Y.B.Com and Gourav Vijay Mhatre awards for Science and Commerce students. 'Celebration of Rose Day' was organized on 24th December 2019. It was the major event of the college where students participated with great enthusiasm. The whole day function was organized in three sessions to enable the participation of students from all faculties of the college. The 'Rose King' and 'Rose Queen' selected from each class were felicitated during their respective sessions and a 'Grand Rose King' and 'Grand Rose Queen' from the entire college were selected separately and felicitated. The annual 'Convocation Ceremony' was organized in collaboration with students' welfare committee on 22nd January 2020. The degree certificates were distributed to Graduate and Post Graduate students of all streams of studies. The committee was instrumental in collecting the nominations for the award of 'Best Student' of the college. A separate committee was appointed for carrying out scrutiny of the applications based on the comprehensive criteria developed for this purpose. Ms. Chaskar Nikita Gulab, T.Y.B.A. (Economics) was awarded as the 'Best Student' of the college and felicitated with the Trophy and Certificate. NSS and NCC students work as volunteers to create awareness about the Pandemic situation of Covid 19 and motivate the students to stay safe at home and make use of Aarogya Setu App etc.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The College has registered Alumni Association since 17/4/2003. All faculty members are in close contact with alumni through various mediums of communication like emails, Google groups, Face book, Whats App and other networking routes. The alumni of our college are very strong and largely take keen interest in progress of their Alma mater. They frequently visit the campus and share their experiences as well as gives some ideas about the progress of the college. They are always ready to help students and institution. There is a representation of Alumni in the various bodies like Internal Quality Assurance Cell and College Development Committee, Board of studies of various subjects run in the e college. We had organized some collaborative activities like campus interviews for placement, talks of the alumni on various topics, book donations, arrange study visits etc. Some of the important activities organized with the support of alumni are as following: 1. Placements are done with the help of Dr. Amit Deshmukh, M. D. Pratap Organics Ltd. Navi Mumbai. 2. Invited talks to guide current students about career prospects, studies abroad etc. 3. Chemicals and book donation to augment departmental Laboratories and Libraries. 4. Fund raising: Total funds collected from the alumni is Rs. 11,11, 500/- 5.

Through consultancy, various activities are going on. 6. Academic development- including starting of new courses, suggestions regarding Syllabi etc. 7. Visits to industries and corporate houses activity done with the help of Dr. Amit Deshmukh. M.D. Pratap Organics Ltd. 8. Alumni also participated and contributed in the activities like "Karmaveer Marathon" which is our tradition to tribute the legendary founder Padma Bhushan Karmaveer Bhaurao Patil of our parent institution Rayat Shikshn Sanstha Satara. It is in the form of prizes, trophies certificate etc. 9. Every time on the occasions of conferences, seminars, Alumni meet etc. We are inviting them and sought advice and opinion regarding important matters like starting of new courses/ programs, syllabus design, infrastructural development etc.

5.4.2 – No. of registered Alumni:

5626

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

1111500

5.4.4 – Meetings/activities organized by Alumni Association :

04

## **CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.1 – Institutional Vision and Leadership**

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

1. The entire governance system is de-centralized and departments are given operational autonomy and heads of the departments have been assigned with complete authority for the conduct of curricular and co-curricular activities.

- The departments have the freedom to form their respective Board of Studies.
- Designing the curricula of all the courses and framing the evaluation system is done by the departments.
- The departments under the guidance of their respective heads make the annual plans, in which tentative schedules of all academic and allied activities are chalked out.
- Distribution of workload and weekly timetables are made by the head of the department.
- Optimal utilization of funds as allotted by the annual budgetary provisions is the responsibility of the head of the department. Audit mechanism monitors the utilization.
- Activities like-designing and conducting enrichment/skill development courses, alumni meets, parent meetings, workshops, seminars etc. are planned jointly by the faculty members. Final approval is given by the head of the department. GC delegating all academic operational decision based on policy to Internal Academic Monitoring Committee(IAMC) headed by Principal.

2. The institution believes in teamwork and endorses participative management approach for decision making and implementation of the policies and plans.

- College Development Committee [CDC] constituted under the University Act is the apex decision making body at the college level and it has the representation of teaching faculty and non-teaching staff. All the decisions pertaining to starting of new courses, infrastructure augmentation, budgeting for various developmental activities are taken by the CDC.
- IQAC meets periodically to discuss quality matters, policies and plans. It has representatives from faculty members, management, society, alumni and nonteaching staff.
- The leadership team meets regularly with teaching faculty and non-teaching staff for discussing varied academic and administrative issues.
- Leadership also interacts with students- both formally and informally to understand their needs and opinions regarding students related matters. Suggestions received through grievance/suggestion boxes are also valued and actions are taken accordingly.
- Opinions, views and suggestions from all the stakeholders are always



appreciated.

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

Yes

## 6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Industry Interaction / Collaboration	<ul style="list-style-type: none"><li>• Industry representation in all Board of Studies and Academic council.</li><li>• Collaboration with Hindustan Coca Cola Beverages [HCCB] Pvt. Ltd. to start Sales Management and Retail Training [SMART] course under Community College Scheme of University of Mumbai.</li><li>• Industrial visits/training are organized for students to know applications of theoretical knowledge.</li><li>• Internship [for students of some courses].</li><li>• Established communication with industries for placement and campus interviews.</li><li>• Feedback from employers regarding curriculum.</li><li>• An industrialist is a member of IQAC.</li><li>• Invited talks by experts from industries.</li></ul>
Library, ICT and Physical Infrastructure / Instrumentation	<ul style="list-style-type: none"><li>• Library link is integrated with the Infrastructure / Instrumentation institutional website to access books and journals.</li><li>• One floor of the library building is converted to "Open Access Library".</li><li>• College library is fully computerized and Bar-coded for speedy and effective transactions of books. The library uses MKCLs Libreria: Library Management System.</li><li>• Students are encouraged to take up online short-term courses from MOOCs.</li><li>• Commerce laboratory and E-learning laboratory are developed with 20 computers each.</li><li>• Sports facilities are refurbished with modern set-up for games like cricket, volleyball, tennis, kabaddi etc.</li><li>• Up-gradation of computers- hardware as well as software with changing needs of teaching and learning.</li></ul>
Curriculum Development	<ul style="list-style-type: none"><li>• Conscious efforts are made to develop curricula that are locally relevant, skill-based, suitable for the needs of the industry and can develop global competency amongst students.</li><li>• The Board of Studies in every subject, Academic Council and Governing body have experienced and expert members who contribute immensely in curriculum development.</li><li>• All the curricula are</li></ul>

approved by respective BOS, Academic Council and Governing Body before implementation. • In this academic year 2019-20, the college has revised Curricula of all Final (third-year) UG and Final( second year) PG classes.

Teaching and Learning

- Establishment of Internal Academic Monitoring System for monitoring and evaluation of teaching learning processes.
- Enhanced learning infrastructure -LCD projectors, free internet service, Open Access Library, easy remote access to e-books, audio books and e-journals etc. .
- Provision of remedial and bridge courses for improving the academic performance of weak students.
- Career oriented courses and enrichment courses to increase the employability of the students.
- Use of innovative teaching techniques and evaluation methods.
- Feedback from the students for improvising teaching-learning process.
- Inculcation of research-based pedagogy.
- Use of MOOCs
- Use of Google Classroom as LMS.
- Organization of study tours and industrial visits.

Examination and Evaluation

Use of advance software for preparation of examination result.

Online Internal Examination is conducted for all F.Y. , S.Y. ,T.Y and PG Part I and Part II courses.

Conduction of tests, assignments, preliminary and external examinations of all UG, PG and self Finance courses in a well-disciplined manner. Online tests are conducted for all enrichment and skill development courses. A spacious hall for the Central Assessment Programme (CAP) is made available. Rules of exams and examination schedules are informed to examinees well in advance. The functioning of unfair means committee is made more effective and cases of unfair means are settled immediately as per university ordinances. Assessment and declaration of results are done in time. Open book test is conducted for all final year students.

Revaluation/moderation by external examiners. Evaluation of PG Part II students Degree Research Projects by appointing External examiners and declaration of results.

Research and Development

- Establishment of Research Promotion and Ethics Committee to promote and

monitor the research at all level.

- Leave under Faculty Improvement Program to complete Ph.D. degree.
- Integration of research projects at the undergraduate level.
- Visits to research organizations.
- Financial assistance to faculty members and students for conducting minor research projects.
- Duty leave and reimbursement of registration fees for faculty members for presenting research papers in conferences and seminars.
- Felicitations of faculty members for their research awards and publications in research journals with high impact factor.
- Organization of International National Conference and state-level seminars by various departments

**Human Resource Management**

- All recruitments are in compliance with UGC, university and state government rules.
- Temporary appointments [CHB] are done at the college level under the guidance of parent institute.
- Faculty members and non-teaching staff members are encouraged to undergo various development programs organized in-house as well as by other academic institutes.
- Promotions and placements are given to the permanent faculties as per the Career Advancement Schemes [CAS] of UGC and Government of Maharashtra.
- Felicitations of faculty members and non-teaching staff by IQAC for their commitment and outstanding work.
- Performance Related Incentive Scheme for management appointed faculty members.

**Admission of Students**

- All Admissions in the college are done by merit and as per the rules laid down by University of Mumbai and Government of Maharashtra.
- All notifications about the admission are displayed on the college website.
- The admission procedure was made smooth by displaying proper written instructions on the flex boards. Members of the admission committee ensure smooth conduct of the process.
- The admission process is online and transparent for the convenience of the students.

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

E-governance area	Details
Planning and Development	Google docs, Google sheets, Google forms, many other related applications for Planning and development.

Administration	HRMS Provided by the Parent Institute, Central office Karmaveer Samadhi Parisar, New Pawai Naka Satara
Finance and Accounts	Tally ERP 9 by Kiran Lahoti From : 1st April 2018.
Student Admission and Support	Digital Edu ID Solution, Pune. From : Year 2016.
Examination	Reso Result Software by INFICARE SOLUTIONS PVT. LTD. From year 2016-17. Off : 002,219, Phadtare Sadan, Opp.G.G.Dandekar Machine Works, Bhwandi-421302

### 6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	MS. Geetanjali Gone (BAS)	Workshop on Phytochemical Extraction and Isolation By ICT, Matunga Mumbai	RUSA	3000
2019	Ms. Kalyani Patil (BAS)	Workshop on Phytochemical Extraction and Isolation By ICT, Matunga Mumbai	RUSA	3000
2019	Ms. Chandrakala Mhatre (Comm)	International Conference on Recent Trends in Economics, Commerce and Management	Nil	1500
2019	Madhuri Gabhane (IT)	15 days Refresher Course on "Data Science and AI" in May 2019	Nil	1000
2020	Ms Shradha Patel (Microbiology)	Immunological Techniques organized by LTMT in KC College	DBT-Star Scheme 5	500
2020	Ms Mrunali Patil (Micro)	Immunological Techniques organized by LTMT in KC College	DBT-Star Scheme	500

2020	Ms.Rakhi Chau dhankar (Micro)	Immunological Techniques organized by LTMT in KC College	DBT-Star Scheme	500
2020	Ms.Darshana Raut (Micro)	Immunological Techniques organized by LTMT in KC College	DBT-Star Scheme	500
2019	Hemangi Gavit (BT)	3 days Workshop on Epigenetics	ACTREC	500
2019	Vedika Bane (BT)	3 days Workshop on Epigenetics	ACTREC	500
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	A Work shop on NET/SET Examination	Nil	06/05/2020	07/05/2020	70	Nil
2019	A work shop on Safety in Laboratory	A work shop on Safety in Laboratory	01/12/2020	02/12/2020	22	25
2020	FDP on BigData and Data Science using Python	Nil	06/03/2020	07/03/2020	50	Nil
2019	Skill Based Course on Advanced Excel (MoU with Spectrum Venture, Vashi)	Nil	20/11/2019	20/11/2019	100	Nil
2020	Innovative Approaches and	Nil	02/03/2020	03/03/2020	275	Nil

	Emerging Issues in Food and Pharmaceutical Microbiology					
2020	A workshop on A Patent writing	Nil	12/11/2019	12/11/2019	100	Nil
2020	Two day Teacher's Training Workshop on Application of linear algebra using 'SAGE' dated on 31st January 1st February 2020	Nil	31/01/2020	01/02/2020	40	Nil
2020	Two days Workshop on 'R Programming' dated 29th February 2nd March 2020	Nil	29/02/2020	02/03/2020	58	Nil
2020	Voice Culture	Nil	09/03/2020	09/03/2020	52	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Two Weeks Faculty Development Programme on MANAGING ONLINE CLASSES and CO-CREATING MOOCS organized by Teaching Learning	22	20/04/2020	06/05/2020	17

Centre, Ramanujan College, University of Delhi,				
Faculty Development Program on FACILITATION TECHNIQUES AND TOOLS organized by Internal Quality Assurance Cell, Karmaveer Bhaurao Patil College Vashi, Navi Mumbai.	48	08/05/2020	09/05/2020	02
One Week FDP on BOSS Linux- Ubuntu Operating System organized by Karmaeer Bhaurao Patil College of Engineering, Satara, Maharashtra in association with Spoken Tutorial IIT Bombay.	12	15/04/2020	21/04/2020	07
Innovation in IPR FDP Pillai College	5	04/05/2020	09/05/2020	06
FDP on Artificial Intelligence	3	22/05/2020	28/05/2020	07
Certificate course in Forensic science and fingerprints	2	17/03/2020	22/03/2020	06
FDP on E- learning an Co- creation of MOOCS by HRDC- RAMANAJUN College, Delhi	2	16/04/2020	22/04/2020	07
. International FDP on Media students to	1	04/05/2020	08/05/2020	05

handle Pandemics like COVID19 Australia. by Nirmala Memorial Foundation college of commerce and Science with Griffith University				
One Week FDP on BOSS Linux- Ubuntu Operating System organized by Karmaeer Bhaurao Patil College of Engineering, Satara, Maharashtra in association with Spoken Tutorial IIT Bombay.	12	15/04/2020	21/04/2020	07
ICT Tool Srtmu FDP	2	27/04/2020	02/05/2020	06
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
10	108	Nil	28

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> <li>• Promote for self development (academic improvement) through CAS</li> <li>• Faculty Development programme for Ph.D. and M.Phil Degree.</li> <li>• Vacation leave, casual leave, medical leave, study leave, maternity leave up</li> <li>• Promotion for selfdevelopment (academic improvement) through fixation.</li> <li>• Accommodation facilities.</li> <li>• College Uniform to Non-teaching staff.</li> <li>• Canteen facility</li> </ul>	<ul style="list-style-type: none"> <li>• Promotion for self development (academic improvement) through fixation.</li> <li>• Accommodation facilities.</li> <li>• College Uniform to Non-teaching staff.</li> <li>• Canteen facility with discount.</li> <li>• Provident fund loan facility and Loan facilities available through "The Rayat Sevak Co-operative Bank Ltd."</li> <li>• Bank is in campus.</li> <li>• R.O.Drinking water facilities.</li> </ul>	<ul style="list-style-type: none"> <li>• Financial help to needy girl students through Doctor in Campus, for medical emergency, during college hours.</li> <li>• Annual health check up at concessional rates</li> <li>• Basic facilities available for differently able students like wheel chair, text readers, large key boards, Special software to read for visually impaired.</li> <li>• Availability of ambulance in campus on emergency</li> </ul>



with discount. • Provident fund loan • Financial help to needy girl students through "Lek Ladki Project". • Financial help to needy students through "Poor Students Fund". Earn and Learn Schemes. • Availability of Health Centre with to six months. • Reimbursement of medical bills. • Pension and gratuity offered on superannuation. • Admission to ward on priority basis and installments in Fees for wards of staff. • Provident fund loan facility and Loan facilities available through "The Rayat Sevak Co-operative Bank Ltd." • Annual health check up at concessional rates For staff and their family. • Canteen facility with discount. • Bank is in Campus. R.O.Drinking water facilities. • Felicitation on achievement. • Availability of Health Centre with Doctor in Campus for medical emergency, during working hours. • Loan Compassionate apportionment in case of death of the employee.

Felicitation on achievement. • Availability of Health Centre with Doctor in Campus for medical emergency, during working hours. • Annual health check up at concessional rates For staff and their family.. • Loan Compassionate Apportionment in case of death of the employee.

demand. • Canteen facility with discount. • Bank is in Campus to pay admission fee. • RO drinking water facility. • Security in Campus. • Separate common room for Girls. • Counselling and Guidance Center. • Women Hostel in Campus."Lek Ladki Project". • Financial help to needy students through "Poor Students Fund". Earn and Learn Schemes. • Availability of Health Centre with

## 6.4 – Financial Management and Resource Mobilization

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

The college has a Finance Utilization committee which looks after the financial allocation for the various academic, research, extension and administration activities. The committee prepares a growth-oriented budget at the beginning of the academic year. It also provides freedom for the use of allotted amount within the given allocation. Efforts are taken for seeking the grants from various funding agencies such as UGC, ICSSR, DBT, DST, University etc. As per the guidelines of Rayat Shikshan Sanstha, Satara, Funding agencies and Government of Maharashtra, the Internal and external audit is conducted regularly. Internal Audit: The parent Institute Rayat Shikshan Sanstha conducts financial audit two times in a year. All the accounts are checked and verified to monitor the accounting procedure, maintenance of accounts and entries made in the books. External Audit: External audit is conducted at the end of every

year. M/s Kirtane and Pandit from Pune conducts the external audit of this institution. Government Audit is also conducted.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
1.Philanthropists. 2. Individuals.	Nil	College Development
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

14650000

## 6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Lakshy Management	Yes	Rayat Shikshan Sanstha, Satara.
Administrative	Yes	Lakshy Management	Yes	Rayat Shikshan Sanstha, Satara.

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

- 1.Parent-Teacher meetings are arranged in every department to increase the participation of parents in college activities. .2. • Common parent-teacher meetings conducted to take an opinion on autonomy and provide information about the importance of the autonomous status of the college. 3. • Feedback is taken from the parents about institutional functioning and curricula.

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

- 1• Provided training to Laboratory assistant and attendant for handling new instruments. 2. • Organized motivational lectures for non-teaching staff. 3.Faculty Development Program On Cyber Security. 4.A Work shop on NET/SET Examination for faculties. 5.FDP on Big Data and Data Science using Python Provided guidance by experts in updating the software programs. • Guidance in writing official letters. • Provided training to Laboratory assistant and attendant on Safety in Laboratory.

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

- 1. • Conferment of autonomous status. • 2. Starting of new PG and UG programmes. • 3.Starting job orientated skill-based courses. • 4.Starting of Center for Innovation, Invention and Incubation. 5 • Focus on entrepreneurial training to students

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes

c)ISO certification	No
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Meeting of Autonomous Colleges in Thane District Called by Joint Director, Higher education, Konkan Region Panvel	23/10/2019	23/10/2019	23/10/2019	24
2019	Hands on workshop on 'Important Aspects of Implementation of Autonomy'	22/11/2019	22/11/2019	23/11/2019	48
2020	FDP Facilitation Techniques Tools	08/05/2020	08/05/2020	09/05/2020	112
2019	Knowledge Sharing Forum Lecture by Dr. V.A.Thakur	03/07/2019	03/07/2019	03/07/2019	35
2019	Knowledge Sharing Forum Lecture by Dr.B.M.Munde	08/07/2019	08/07/2019	08/07/2019	111
2019	Faculty Orientation Program for Management Appointed Teachers	22/07/2019	22/07/2019	22/07/2019	78
2019	FDP on Google Class Room by IT Department	26/07/2019	26/07/2019	27/07/2019	118
2019	ISO Certification by Lakshya	13/09/2019	13/09/2019	13/09/2019	85

	Management Consultant Pvt. Ltd				
2019	Felicitation of Faculty Members, Staff, Committees and Departments	18/09/2019	18/09/2019	18/09/2019	220
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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Invited talk on Gender Sensitivity :Ms.Niharika Mehta. (Fortis Hospital vashi)	16/09/2019	16/09/2019	100	150
Poster Competition: Gender Equity	20/09/2019	20/09/2019	40	50
One day Workshop on Pre marital Counseling	30/09/2019	30/09/2019	25	55
One day workshop on Cyber Safety for Girl's	12/10/2019	12/10/2019	Nil	54
Workshop on Fashion Designing and Tensile Model Designing	28/11/2019	28/11/2019	15	70
Workshop on 'Self Defense'	02/12/2019	02/12/2019	110	150
Five days workshop on self defense for girl students.	13/12/2019	17/12/2019	130	Nil
Matru- Pitru Poojan Diwas	31/01/2020	31/01/2020	70	100



2019	1	1	21/06/2019	1	Yoga Day	Stress Management	180
<a href="#">View File</a>							

#### 7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Code of conduct for students	10/06/2019	The institute has framed the discipline committee that takes care to keep peaceful and friendly environment in the college. The code of conduct has been formed for the students to prevent any misleading activities like ragging, late entries, entries of unknown people etc. Institute also exercises jurisdiction over misconduct which occurs within 1-2 km nearby area.
Code of conduct for Teachers	10/06/2019	The head of the institute observes the conduct of the teacher with the respect to the following points: 1. Teacher's adherence to the professional role as a guide and mentor 2. Good communication with the parents. 3. Speaking respectfully with the colleagues and about institute and Management 4. Rendering assistance for professional development of junior colleagues 5. Refraining from comment based on gender, ethnic group, religious belief or physical handicapped person, which are inappropriate in the classroom as well as college environment.

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of Independence Day	15/08/2019	15/08/2019	300
Celebration of	16/09/2019	22/09/2019	200

Padmshri Karmaveer Bhaurao Patil Jayanti			
Birth Anniversary of Kranti Jyoti Savitribai Phule Jayanti	03/01/2020	03/01/2020	70
Shiv Jayanti	19/02/2020	19/02/2020	100
Rayat Mauli Sou. Laxmibai Patil Punyasmaran Din	05/04/2020	05/04/2020	10
Celebration of Republic Day	26/01/2020	26/01/2020	50
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

<p>With the concern to changing environment and its affect on human life, our Environment Consciousness Committee is trying to spread awareness about environment protection, sustainability, pollution control etc. and undertakes eco-friendly projects in the campus.</p>
<p>Energy Conservation: • Regular tube lights and lamps are replaced by power-saving LED lamps to reduce the usage of electricity. • Teachers make constant efforts to create awareness amongst students to save energy and inform them to switch off lamps, fans and ACs before leaving the classroom/ laboratory. • Every teacher has a duty of general supervision of the campus, during which he/she ensures that the lights and fans in unoccupied classes are put-off. Non-teaching staff as well as watchmen helps in this work. • Placards depicting the message- "Save Energy" are placed at strategic locations. • NSS conducts awareness programs on "Energy Conservation". • Energy-efficient equipment/ appliances are preferred. Use of Renewable Energy •Solar roof-top system of 35KW capacity solar is installed for generating electricity that has reduced dependence on supply from MSEBCL. • Instead of electronic heaters, solar panels are employed to provide hot water in the Women's Hostel.</p>
<p>Water harvesting: A rainwater harvesting system is constructed in the campus. An underground water storage tank of 60' X 30'X 20' dimensions is constructed to collect the run-off water from the rooftops. The water stored is used for maintenance of the playground and garden.</p>
<p>Efforts for Carbon Neutrality: Following measures are taken to reduce the usage of paper- i. Most intra-institution communications are done through electronic means like SMS, emails, WhatsApp etc. Information regarding seminars, conferences and workshops is sent to other institutes in e-form. ii. Information is printed in hard copy only when it is necessary. iii. Used paper is recycled with the help of Stree Mukti Sanghatana [NGO working for women from underprivileged sections of society]. Recycled paper is used for printing letterheads of the institution. iv. Used papers that are blank on one side are used for rough work. No Vehicle day is observed twice in a month by teaching faculty, nonteaching staff and students. The notification regarding the same is given well in advance. This reduces carbon emission. Students are persuaded to make use of public transport rather than their own vehicles. Dry leaves and any other garden waste is not burnt. Instead, all biodegradable material [including canteen waste] is decomposed in the composting pits that are set up in the campus. The compost thus generated is used as good quality manure for the garden. In the department of chemistry, some experiments are performed by following micro-scale techniques to save chemicals.</p>



Plantation: There is a well-maintained garden with a green lawn and a variety of shrubs and plants. It adds more beauty to the campus. The collection, care and maintenance of the plants and trees are looked after by a Garden Committee.

- It is proud to be awarded with "Best Garden Award" from NMMC for four years.
- Tree plantation surrounding the playground was undertaken by NSS students and teachers. Environment Consciousness Committee takes care of the plants on regular basis.
- Beside the garden, there are big trees in the campus. Seating arrangement is made beneath them for casual gatherings and discussion for the students.

Hazardous Waste Management • In life sciences laboratories used liquid and solid media are first autoclaved and then discarded. • Agarose gels used in molecular biology practical work that are stained with ethidium bromide, are disposed only after proper neutralization is carried out. • Pathological samples are first autoclaved and then disposed off. • Hazardous chemicals are handled with proper care. Instructions regarding their handling are displayed in laboratories. • Broken glassware, empty chemical bottles, used batteries and any such hazardous material is packed separately and disposed appropriately. • Training sessions are organized for non-teaching staff in which they are taught about safe disposal of hazardous waste. E-Waste Management • E-waste in the campus is recycled with help of an NGO 'Sampurna Earth', who dispose of the e-waste in appropriate manner. Green Certificate for e-waste disposal is awarded to us by the NGO. The seating Zero Garbage Campus: Efforts are to make the campus as "Zero Garbage Campus" i.e. no waste is given to the municipal corporation for disposal and the institutes take care of its own waste. This is achieved by- i. Segregation of Waste at Source- Waste is segregated into biodegradable and non-biodegradable. ii. Waste disposal on campus- The biodegradable waste goes for a microbial composting facility where it is converted to good quality manure. The recyclable material is given to registered rag pickers of Stree Mukti Sanghatana". Sanitary Napkin incinerators are installed in the ladies' washrooms for safe disposal of used napkins.

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

Best Practice I • Title of the Practice: Value-Based Education 1. Goal: The objectives of starting the Value-Based Education Program are as listed below:

- i. Development of proper attitudes, ethics and values like- love, respect, cooperation, tolerance etc. among the students.
- ii. Guide students on self-development and self management.
- iii. Empower students to take proper decisions and make appropriate choices in challenging situations.
- iv. Promote appropriate social conditioning and contribute to nation-building.

2. The Context: Value education is rooted in Indian philosophy and culture and ingrained in every tradition of Indian culture. In the current scenario of declining value system, educational institutes can play an important role in reinstilling the common values amongst students to orient the progress and endorse the moral awareness for the welfare of humanity. Therefore, the need for a consciously planned value education program is obvious to establish formal learning. Furthermore, one of the five core values of NAAC is - inculcating value systems among students.

3. The Practice: With the abovementioned objectives a value-based education program was envisaged, and the title of the program was decided as- "SELF DEVELOPMENT PROGRAM IN THE CONTEXT OF SPIRITUALITY – A PRACTICAL APPROACH" The program comprises of ten modules that are listed below-

- a. Values
- b. Ethics
- c. Excellence
- d. Choices We Make
- e. Stress Management
- f. Self Management
- g. Time Management
- h. Need for Meditation
- i. Art of Meditation
- j. Natural Path

A two-step approach was followed for conducting this program.

- i. Faculty Development Program: Forty faculty members from senior college voluntarily stepped forward to undergo a ten module training program. The training sessions were conducted by invited speakers who are renowned and



highly talented in their own field of expertise. ii. Students Development Program: The 40 trained teachers worked on the above modules and took the program to around 1000 students of the third year and postgraduate classes.

Each module is of 1.5hour duration, and it begins with a heartfulness relaxation technique and ends with meditation. The modules are taught with lots of visuals, animations and involve a lot of interactive activities. 4. Evidence of Success: i. Students liked these sessions and have given positive feedback about the entire program. They understood the importance of discussion on topics that were covered in the program. Many of the students have learnt meditation, and they are practising it. These students reported lack or reduction in anxiety and stress levels. Many conveyed that their tolerance/patience has increased. ii. Parents reported a change in the attitude of the students. iii. External examiners specifically noted the calm and composed approach of students during practical exams. iv. Definite improvement in the overall behaviour of students is observed. v. Teachers who conducted the program reported substantial self-development in themselves too. From the academic year 2016-17, the Self Development Program [SDP] is being conducted for the entire strength of the college. Best Practice II: Title of the Practice: Earn and Learn Scheme 2. Goal: The objectives of running this scheme in college are as below- i. To provide some means of earning money to students who are from the monetarily underprivileged section of the society. ii. To instil in students, the value of dignity of labour. 3. The Context: A large number of students studying in this institute are from a financially needy background. Many of the students have to work part-time to support their education. But most jobs require the time commitment of 6 to 8 hours per day, and they are very demanding. The "Earn and Learn" scheme is a trademark practice of our parent institute- Rayat Shikshan Sanstha and was initiated by our founder, Padmabhushan Karmaveer Bhaurao Patil in 1919. 4. The Practice: This scheme is in tune with the mission statement of college and with the mandate of our parent institute. The college has a committee called "Earn and Learn Committee" that looks after the entire working of this scheme. Needy students enrol for the scheme at the beginning of the year. The students are then categorized based on their skill sets and liking. The committee does the allocation of the workplace, and the college does disbursement of remuneration. The popular positions under this scheme are- Library floor attendants, support staff for electronic attendance system, clerical office staff, garden maintenance staff, compost pit management. Some students, especially from science stream, also assist in research work. 5. Evidence of Success: i. This initiative has proven to be life-changing support for many deserving students for whom education was impossible without this scheme. ii. Students have learnt the dignity of labour. They take pride in working for college rather than as compulsion forced on them. iii. It has inculcated the values like humility, tolerance and dedication. iv. We see personality development in these students with improved skills of communication, confidence etc.

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

<https://www.kbpcollegevashi.edu.in/institutional-best-practices/>

### 7.3 – Institutional Distinctiveness

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

Students are the building blocks of the nation. To educate our students through self-help is the motto of our institution. We travel on the path shown by our founder Padmashri Dr. Karmaveer Bhaurao Patil and work towards developing the society and hence the nation. While doing so, the inclusion of students from diverse sections is our priority. Following are our vision and mission

statements. Vision: To work for "Better Tomorrow" through educational advancement of society while keeping social justice and social obligations in mind. Mission: "We strive to cultivate minds and build characters of the young generations by imbibing in them scientific temperament, organizational abilities and human values." • Evolving a human resource that is powered with knowledge, global competencies, scientific temperament and most importantly with all human values is the mission of our institute. • Character formation is the foundation of students' development. A course on "Value Education" is conducted in the college as an integral part of academic activity. We believe that self-development is not sustainable unless it is done at a spiritual level. Yogic relaxation and meditation are introduced in the college for students and faculty members. • Value education is rooted in Indian philosophy and culture and ingrained in every tradition of Indian culture. In the current scenario of declining value system, educational institutes can play important role in re-instilling the common values amongst students to orient the progress and endorse the moral awareness for the welfare of mankind. Therefore, the need for a consciously planned value education programme is obvious to establish formal learning. Furthermore, one of the five core values of NAAC is 'inculcating value systems among students'. • The objectives of starting the Value-Based Education Programme are listed below: 1. Development of proper attitudes, ethics and values like love, respect, cooperation, tolerance, large-heartedness etc. amongst students 2. Guide students on self-development and self-management 3. Empower students to take proper decisions and make appropriate choices in challenging situations 4. Promote appropriate social conditioning and contribute to nation-building • With the above-mentioned objectives a value-based education programme was envisaged and the title of the programme was decided as- "Self-Development Programme in the Context of Spirituality- A Practical Approach". The programme comprises of ten modules and they are-Values, Ethics, Excellence, Choices We Make, Stress Management, Self-Management, Time Management, Need for Meditation, Art of Meditation, Natural Path. • Students liked these sessions and have given positive feedback about the entire programme. They understood the importance of discussion on topics that were covered in the programme. Many of the students have learnt meditation and they are practising it. These students reported lack or reduction in anxiety and stress levels. Many conveyed that their tolerance/patience has increased. Parents reported a change in the attitude of the students. External examiners specifically noted the calm and composed approach of students during practical exams. Definite improvement in the overall behaviour of students is observed. Teachers who conducted the programme reported substantial self-development in themselves too.

Provide the weblink of the institution

<https://www.kbpcollegevashi.edu.in>

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

- Preparing Policy Documents for important activities of the institute.
- To inculcate research attitude in the minds of students and teachers for increasing the research output.
- Motivating teachers for filing patents.
- Applying for research grants sponsored by different institutes.
- Establishing the industry - academia linkages for placement as well as for up-gradation of curricula.
- Effective utilization of RUSA component-8 grant.
- Promote sports cultural activities amongst students and Up-gradation of the cultural activity facilities in the college.
- Potential appraisal of teaching and non-teaching staff and focus on capacity building.
- Linking the credits of online certificate course, integrating cross cutting issues, life skills and value based education with curriculum.
- Upgrading infrastructure facilities for online teaching, learning evaluation process.

