



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	VIDYA PRATISHTHAN'S ARTS, SCIENCE AND COMMERCE COLLEGE
Name of the head of the Institution	Bharat Pandharinath Shinde
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02112-239300
Mobile no.	8237086960
Registered Email	principal.vpascc@vidyapratishthan.com
Alternate Email	vpasc_college@yahoo.co.in
Address	Vidyanagari, Baramati, Dist. Pune, Maharashtra.413133
City/Town	Baramati
State/UT	Maharashtra
Pincode	413133

2. Institutional Status																															
Affiliated / Constituent	Affiliated																														
Type of Institution	Co-education																														
Location	Rural																														
Financial Status	private																														
Name of the IQAC co-ordinator/Director	Prof Nilima Balkrishna Pendharkar																														
Phone no/Alternate Phone no.	02112239300																														
Mobile no.	9579849929																														
Registered Email	vpasciqac@gmail.com																														
Alternate Email	nilimapendharkar@rediffmail.com																														
3. Website Address																															
Web-link of the AQAR: (Previous Academic Year)	_http://vpasccollege.edu.in/uploads/IQAC/AQAR_2018-19.pdf																														
4. Whether Academic Calendar prepared during the year	Yes																														
if yes,whether it is uploaded in the institutional website: Weblink :	http://vpasccollege.edu.in/iqac_documents/20_21/Academic_Calendar_VPASCC_for_2019-20.pdf																														
5. Accrediation Details																															
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A++</td> <td>87.51</td> <td>2003</td> <td>16-Sep-2003</td> <td>15-Sep-2008</td> </tr> <tr> <td>2</td> <td>A+</td> <td>3.38</td> <td>2011</td> <td>30-Nov-2011</td> <td>29-Nov-2016</td> </tr> <tr> <td>3</td> <td>B++</td> <td>2.88</td> <td>2018</td> <td>02-Nov-2018</td> <td>01-Nov-2023</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A++	87.51	2003	16-Sep-2003	15-Sep-2008	2	A+	3.38	2011	30-Nov-2011	29-Nov-2016	3	B++	2.88	2018	02-Nov-2018	01-Nov-2023
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6. Date of Establishment of IQAC	07-Jul-2005																														
7. Internal Quality Assurance System																															

Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Two Days workshop on Personality Development in association with IIT Kanpur organised by Department of Computer Science	06-Dec-2019 2	230
State level Two days seminar on Emerging Technologies In Food Processing And Packaging funded by SPPU and organised by Dept. Of Food Technology	08-Feb-2020 2	300
Two days State Level Pratibha Intercollegiate Elocution Competition organised by Dept. of Marathi	12-Dec-2019 2	1800
National Microbiome Food fest funded under UBA and organised by Dept. Of Microbiology in collaboration with Microbiologists Society, India	10-Jan-2020 1	800
National IMMUNOFEST funded under UBA and organised by Dept. Of Microbiology in collaboration with Microbiologists Society, India	21-Sep-2019 1	250
MANAV Atlas Initiative- Training and Project Awareness in collaboration with IISER, Pune, NCCS, Persistent Systems and Dept Of Microbiology	20-Dec-2019 1	170
Two Days National Conference on Advanced Functional Materials: Synthesis, characterization & Applications	03-Jan-2020 2	210
Induction Program to Fresher organised by IQAC	10-Jul-2019 8	1081
Webinar on Effective teaching, learning and evaluation using Learning	08-May-2020 1	450

Management System: MOODLE organised by IQAC		
One day Webinar on use of ICT tools for effective teaching and learning organised by IQAC	28-May-2020 1	76
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Biotechnology-Minor Research Project-Dr Rajesh Sharma	QIP,BOD,SPPU	SPPU	2018 730	220000
Biotechnology-Minor Research Project on Telomere and Telomerase in Hydra- Dr Kalpana Chandramore	QIP,BOD,SPPU	SPPU	2018 730	160000
Biotechnology-Major Research Project on Wet Land Studies of Bhigwan area for algal biodiversity - Dr Tushar Borse	DBT-Foldscope	DBT, GOVT. OF INDIA	2018 1080	800000
Food Technology -B.Voc.Mrs Nilima Pendharkar	NSQF, MoE	UGC	2018 1080	10400000
Microbiology- Mrs Nilima B. Pendharkar	Unnat Bharat Abhiyan	MoE	2018 730	200000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

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	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
12. Significant contributions made by IQAC during the current year(maximum five bullets)	
<p>Rankings: IQAC Filed for NIRF and ARIIA 2020 Rankings and excelled at National Level in ARIIA Ranking. The College is Ranked as Band 'A' Institution at National Level and is in First 25 Colleges under Govt. and Govt. aided Institutions by Atal Ranking of Institutions on Innovation achievements (ARIIA) 2020, UGC, Department Of Higher Education, Ministry of Education, GoI.</p>	
<p>New Vistas:IQAC initiated for International B.Sc. Blended Program in collaboration with Melbourn University, Australia and streamlined vocational Education Program and 25+ skill development courses by Curiosity Automation Pvt Ltd. Aspiring for Research Center for Biotechnology and Physics</p>	
<p>Research and Extension Credentials-The Funding of DST-FIST, Major and Minor Research Projects for research and Unnat Bharat Abhiyan and SPPU funded for extension activities are instrumentalised with infrastructure development, equipment purchase ,2 staff added as recognized guide, Ph.D. awardee students, 47 research papers published and 8 Book/book chapters. Planning and Guidance for organizing and execution of National Conference, State Level Collaborative events in research and extension with new 3 MoUs.</p>	
<p>Excellence in Teaching ,Learning and Evaluation with ICT: Under Covid crisis and as per the directions laid by affiliating university, State Government and UGC, the college developed Smart Classrooms and students prepared so as to excel in academics and find the opportunities.</p>	
<p>Student Development: Student Development is brought through collaborative academic ventures and amalgamated with Unnat Bharat Abhiyan, NSS, competitive examination cell, Scholarship Cell, Antiragging Cell, career counseling and placement Cell, Student Development Cell, Alumni Association, Student Council, Sports and Cultural events with an output of More than 90 Academic results, 79 Students placements,16 NET/SET examination pass students and 20 passed in other competitive examinations.</p>	
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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year	
Plan of Action	Achivements/Outcomes

<ul style="list-style-type: none"> • Formulation of Statutory and other College Committees to distribute responsibility of various academic and co curricular activities • Admission of UG students • Preparation of timetables and academic calendar. • Invite recurring, non recurring and infrastructure requirement from all the departments • Extension and Research • Staff requirement for UG and PG 	<ul style="list-style-type: none"> • Enhanced academic and cocurricular excellence through 41 College Committees by planning, execution and documentation. • Submitted ACIC Proposal, STRIDE Proposal, RUSA Proposal and NewGen IEDC Proposal and College Shortlisted for RUSA Proposal but no Finances received. • Admission committee monitored the merit based admission process with social justice to 3120 UG students and 277 PG students and improved GER observed. • Time table committee scheduled for shifts, time table and Academic calendar for the College and Departments. • Executed for provision of need based requirements for Departments. • Guinness World Records Book of Tree Plantation at SPPU Campus with 95 students and 5 staff • Staff Advertisement and recruitment for 95 posts on temporary basis
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<p>"• Induction Program for First Years students • Admission of PG students • Introduction of CBCS system to UG and PG students. • Orientation - student welfare activities • Welcome Address by Principal • Proposals to submit • NSS and Unnat Bharat Abhiyan inauguration and events • Competitive Examination Centre enrolment "</p>	<p>"• Induction program organized for 1081 UG fresher Students • Admission committee and PG Departments monitored the merit based and inclusive PG admission process for 277 students. • Introduced PG students for planning and scheduling of CBCS by SPPU, Pune. • Oriented and enrolled the 67 needy students to 'Earn while Learn' Scheme, with funding of Rs 519840/- from SPPU • Award the students for Scholarships and 250 NSS volunteers. • Harit V Swachchh Dindi organised by NSS Volunteers • Massive Tree Plantation drive • Inaugurated Science Association, Competitive Exam cell, Student Development Cell and NSS cell. • Faculty wise Access meeting and welcome address given by Principal • 4 Proposals submitted to SPPU to organize National conference, State Level Workshop, Purchase of laboratory Equipment and Ladies common Room • B.Voc. Fashion Technology, B.Voc. Software Development, B.Voc. Journalism and Mass Media Communication proposal submitted and sanctioned by UGC, Department Of Higher Education Ministry of Education, GoI. • Community College Program on Knowledge Process Outsourcing sanctioned by UGC, Department Of Higher Education Ministry of Education, GoI. proposal submitted and sanctioned • 300 Students registered with Competitive Examination center-20 Qualified other exams, 16 SET /NET qualified till January. • UGC-</p>
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	<p>SWAYAM Center for MOOCs • One day Syllabus Restructuring workshop on CBCS for F.Y.B.Sc. Comp. Sci.organised for SPPU •Book Bank Facility"</p>
<p>"• UG and PG Fresher's welcome events • Selection of students for various Sports • Organization of Sporting event • NSS activities • Student Council • Celebration of Independence day "</p>	<p>"• Organized UG and PG Fresher's welcome events • Students are selected for various sporting events for further participation • Organized Campus Cleanliness camp by NSS • Students Council is formed by IQAC • Celebrated Independence day by Vidya Pratishthan "</p>
<p>"• Celebration of Teachers Day • N.S.S. week • Alumni Meet • To conduct Internal Examination • Participation at Avishkar Competition • Elocution competitions, Quiz Competitions and Poetry competition • Health Checkup Camp for students • Skill development Program "</p>	<p>"• 400 Students initiated Teachers Day celebration • Instrumentalised N.S.S. week activities • Examination committee conducted internal examinations smoothly. • Student projects presented in Avishkar Research Competition at college level • Celebrated Hindi Din and also conducted Alumni Meet • Karma veer Bhauro Patil Marathi Elocution Competition organised • Mahatma Kabir State Level Hindi Elocution Competition organised. • Health Check-up camp Organized for fresher and Hosteliars. • National IMMUNOFEST organised. • New Choice Based Credit System (CBCS) Syllabi of F.Y.B.Sc. Chemistry-2019 Syllabus Restructuring Workshop organised"</p>
<p>"• Organization of Extra Mural Board Lecture series • Celebration of Mahatma Gandhi Jayanti • Celebration of Wild Life week • Celebration of Foundation Day of Vidya Pratishthan • University Examinations • Research Proposals to various funding agencies • Sporting events to organize • Introduction of Scholarships • Library exercise "</p>	<p>"• Organized Dr. Babasaheb Jaykar Vyakhnimala (Lecture Series) of Extra Mural Board Extramural Guest Lecture Series funded by SPPU • Celebration of rising Day of NSS • Celebrated Mahatma Gandhi Jayanti with One Day Student Solar Ambassador workshop. • Celebrated Wild Life week by organizing Guest Lectures and Live Demonstrations. • Foundation Day of Vidya Pratishthan celebrated • Conducted University Examination as per time table of SPPU, Pune. • On-going Young Scientist Major research project by DST-01, on-going Minor research projects-02, • Skill Development of SPPU on Cyber Security and Human Rights in association with Vasant Rao Pawar Law College and Department of Computer Science • 'Vachan Prerana Din' celebration • Merit Scholarships/INSPIRE Orientation Workshop • Kolhapur Flood Relief Fund generated by Computer Science department • Term end meeting organized • Wild Life week Celebration by poster presentation organised • Flood Relief Fund generated by Alumni Association • One day workshop on Food, FSSAI and its</p>

	Laws organised • 5 Days workshop on IPR organised "
<p>"• General Staff Meeting for planning of second term • Internal Examination • University Examinations • To calendar, Schedule and execute Environment Awareness Course with ICT and grades to offer for second year graduates. • NIRF/ARIIA Submission"</p>	<p>"• Principal conducted General Staff Meeting for planning and execution of second term • Examination committee conducted internal examinations. • Conducted University Examination as per time table of SPPU, Pune • 'Sanvidhan Din' Observed • Environment Awareness Program implemented. • Start-up India Competition, Nagpur • NIRF and ARIIA 2020 Submitted and Recived recognition at National Level in August 2020 •Certificate course - IIT Bombay Software Training Workshop (45Hrs) "</p>
<p>"• Organization of State level Elocution Competition. • Organization of NSS special winter camp • To organize Good reads activities. • Publication of Annual Magazine • NSS activities • Best Practices of Library "</p>	<p>"• Hosted Two Days 17th Pratibha Intercollegiate State Level Elocution Competition - in collaboration with SPPU - 124 participants • N.S.S. Winter Camp organised for 125 Students. • Organised 'Best Book Reading competition', Incessant Book Reading Competition' for 18 hrs and Book Exhibition • MANAV Human Atlas Initiative-Training and Project Awareness organised • Two Days workshop on Personality Development in association with IIT Kanpur organised • Blood donation camp is organised by Rotary club with 55 beneficiaries • Certificate course - IIT Bombay Software Training Workshop (45Hrs) Faculty Development program on Python, Joomla, PHP organised by Department of BBA collaboration with "Spoken Tutorial, IIT Bombay ST Software Training" "</p>
<p>"• Workshops /Seminars/Conferences • Celebration of Republic Day • Educational /Institutional Visits / Study Tour of UG and PG students • Annual Cultural Fest • Placement Activities "</p>	<p>" • Two Days National Conference on Advanced Functional Materials: Synthesis, characterization &Applications" organised • Republic Day celebration by Vidya Pratishthan •National Microbiome Food fest organised • One Day SET/ NET Workshop organised • One Day Workshop on Energy Conservation on in collaboration with 'Senvion Wind Technology Pvt. Limited organised • One day workshop on Programming in Python organised • One Day Workshop on Fish Farming organised • Modi Lipi Workshop organised • Lectures in 11 departments organised under Faculty Exchange Program by H.V. Desai College under MoU • LIC Committee of SPPU visited for Research Center in Biotechnology and Physics and PG in Botany and Statistics proposal</p>

	<p>submitted to SPPU. • Annual Cultural Fest organised with 1800 students • Youth Week organised by 150 NSS students • Certificate Course on " HTML, JavaScript, PHP " for FY/SY/TYBBA(CA) organised by Department of BBA"</p>
<p>"• Academic events to be organised • Celebration of National Science Day in spirit of science • To conduct Internal Examinations • Convocation ceremony • feed back of student satisfaction survey and curriculum "</p>	<p>" • National Mathematics Day Celebration with Poster presentation competition and Project/Model competition • Intercollegiate S.Y.B.Sc. Statistics Quiz Round II organised • Marathi Din • Celebrated National Science Day by Guest lecture Dr Ashok Giri, demonstrations, Poster and Scientific Model presentation. • Three Days workshop on " Programming in Android organised • State level Two days seminar on Emerging Technologies In Food Processing And Packaging organised • Workshop on The Arts and Science of Apiculture organised • One Day Fearless Girl Mission organised • Natural Bhurup Workshop organised • One Day Acting workshop organised • One day workshop on 'Medicinal plants : Importance, Utilization, and conservation' organised •Hindi Shortfilm workshop organised • One Day Workshop on Bio inoculants Production: Lab to Field & Public Advocacy organised • One Day Workshop on Apiculture organised • Dr. Bharat Shinde received Outstanding Principal of the Year Award in International Education Summit and Awards, Bangkok, Thailand • International Blended Degree Program in B.Sc. Biosciences in Collaboration with Melbourne University, Australia and SPPU Panel visit • Convocation ceremony organised • National level Microbiological contest organised • Online feed back of student satisfaction survey and on curriculum delivery received • Certificate Course on " HTML, JavaScript, PHP " for FY/SY/TYBBA(CA) organised by Department of BBA</p>
<p>"• University Examinations • Farewell to students • Academic events • Research credentials • Curriculum Development • Research Projects "</p>	<p>"• Conducted University Examination as per time table of SPPU, Pune • Farewell given to final year UG and PG students • Organized one day workshop on medicinal Plants • 2 staff added as recognized guide, 2 Ph.D. awardee students • 4 Staff at university level on BoS • College Annual magazine, Vidyadeep received Award at University</p>

Level • 3 ongoing research projects, 47 research papers published and 8 book/chapters, Resource person 15, 12 Research Paper presented, 186 attended seminars/ Conferences/Webinar/workshops • Dr. Babasaheb Jaykar Vyakhyanmala organised on Personality Development delivered by Prof. Mubin Tamboli - Password To Win and Mrs. Kalpana Shirole- Let us Be Positive •Workshop on HTML, Advanced CPP, RDBMS, Joomla, Python organised by Department of BBA in collaboration with "Spoken Tutorial, IIT Bombay ST Software Training "

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
CDC	04-Jan-2021

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

05-Jan-2020

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

VPASCC College has well designed computer based system for MIS of Arts, Science and Commerce faculties for 32 undergraduate and postgraduate programs fulfilling the norms of UGC, Savitribai Phule Pune University(SPPU) and several other regulatory bodies. It has ultramodern and need based infrastructure with eclassroom, 56 ICT enabled classroom and Seminar Halls, automated library and digital Language Laboratory. The campus is interconnected with fiber optics network having 311 computers with LAN having bandwidth of 100 MBPS leased line network of TATA. Wifi Facility by JioWifi 50mbps lease line and Tata

Leaseline 20 mbps and D link 10/100 mbps Switches installed. It has Wifi (Reliance Jio) facility. There are windows domain server having Windows Server 2008 operating system, Linux server with Red hat 5.6 operating system and one for Vriddhi data maintenance. There are latest 30 LCD (Sony Model No.VPL-DX220) projectors, 3 OHPs and digital camera for effective teaching learning process. Staff members and students make an effective use of ICT and LMS facility for effective presentations. ERP at VPASC College follow software such as Vriddhi from Vriddhi Software Solutions Pvt Ltd. for administration management, admission managementonline system, Examination Management, accounting management, Inventory, Orders, Bank services, Taxes and Purchase and modular LMS. VPASC College exercises the Vriddhionline College EPR Modules software for Academic Management System (AMS) for management of various academic activities of the college catering to the requirements of different users such as Registrar, Heads, Teachers, Students, Administrators and Officials for performing their assigned tasks. The system is user friendly and can be accessed ubiquitously with password security. All processes like admission, issue of ICard, application for eligibility and scholarships, results, Online application for examination, examination fee and issue of hall tickets are managed by it. TallyERP9 Multiuser Gold Edition software is used by Accounts Section, to keep the financial records of aided and unaided programs, salary and non salary grants. Biometric Logging System by ESSL eTime TrackLite, Digital Language Lab by Biyani Technologies, College library has been using Autolib library management software since 2007, OPAC system for book records and books are issued by barcode system. Payroll Management Software Easy Pay and Sensys SYS Easy TDS. The college collects and analyses online SSS and Feedback for actions to take. College also uses Google (mail, Docs, Drive, Slide, Forms, Photos) freeware and Apps. Annual Maintenance Contract for computers is outsourced to Microline

India Pvt.Ltd., Pune. And of Photocopier Machines is by POOJA Marketing Satara. Antivirus software (Net Protector) is renewed yearly for all windows operating system machines. The 64 CCTV cameras are for security purpose. Communication with students and Faculty is through Mails, SMS through bulk SMS GupShup, Digital Display Notice board and WhatsApp. The other stakeholders are communicated through college Website and other social media online portals. The IQAC updates the college website www.vpasccollege.edu.in and databases by uploading data for retrieval to be sent to Management, University and State Government and UGC related to ranking to NAAC ,AISHE, NIRF and ARIIA.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

College curriculum design is to be comprehensive, effective, flexible and with a profound outcome. We strive to achieve these with a beautiful amalgamation of the rigid curriculum framework, empowered with activities, opportunities to explore, outreach the vistas of knowledge. As an affiliated college, it follows the curriculum framed by the Board of Studies of each subject. Programs and courses are conducted as per the guidelines of SPPU, Pune. Syllabi reformations are channelized for CBCS by the B.O.S during syllabus workshops and special meetings. CBCS pattern syllabus this year is introduced for all first year programs with new courses. Academic calendar is meticulously planned by IQAC in lieu of the University calendar for each faculty and is displayed in the student's handbook for the perusal of stakeholders. It is approved by management and thoroughly implemented in all spheres. Timetables of college, faculty, departments, Examinations, value-added courses, are framed with brainstorming discussions. Academic calendar, LMS, Syllabus, is displayed on the website and discussed in the Orientation workshop conducted for all new classes by domain experts. Departments present proposals for curriculum planning, implementation with analysis of previous year accomplishments in meetings. The need for new programs is put forth by CDC with the Management Council. College initiated UGC approved; NSQF based B.Voc Program in Food Technology this year after approval from University after commissioning Inspection Committee. The curriculum is planned to offer vocational training in general and skill components of Food Technology with cumulative traditional and advanced technologies. Curriculum planning makes Heads of Departments to present academic calendar, workload, the appointment of qualified teachers, allotment of syllabus based on expertise in documented meetings. Teachers discuss PO, CO, PSO with stakeholders. Curriculum delivery is consistently monitored by IQAC and Faculty Vice-Principals through teaching plan, attendance, pattern of examination and result analysis. Mentors reach out for curriculum delivery to advanced, experiential and slow learners by remedial coaching problem solving, project-based learning and counseling. Curriculum

delivery is evaluated through analytical and aptitude tests, group discussions, assignments, quiz and orals. Outreach of curriculum is scaled by conducting sudden quality checks, feedback from stakeholders, merit rankers, results, placement strategies and GER. Value-added courses are conducted to embark new arena as an outreach of curriculum. Courses are implemented as SPPU curricula, some designed by departments complacent with current demand. Implementation of courses is in collaboration with industry and academia for domain expertise. Focus of these courses is on new developments in curriculum, new technology, environmental issues, gender sensitization, and other cross-cutting issues. Field Projects are planned for every program as part of curriculum; to gain expert-ship with multidisciplinary approach and to prepare students for placements. Internships in industry, banks, institutes, research and marketing organizations is to enhance skill set and work experience with authorized certification. Its industrial locality is an advantage for implementation. Covid-19 Pandemic crisis turned to lucrative opportunity for innovative teaching, evaluation strategies, student and faculty development by online programs conducted using digital platforms and android apps. Holistic and integrated efforts retained student progress unhampered.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Certificate course in cereals, Pulses and oil seeds	Nil	20/06/2019	180	To empower the students for employability and entrepreneurship	To impart skills for industry start ups
Certificate course in Fish , Meat and egg processing	Nil	26/12/2019	180	To empower the students for employability and entrepreneurship	To impart skills for industry start ups
Certificate course in Dairy Technology	Nil	26/12/2019	180	To empower the students for employability and entrepreneurship	To impart skills for industry start ups
Nil	Advanced Diploma in Food Technology	20/06/2019	360	To empower the students for employability and entrepreneurship	To impart skills for industry start ups

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BVoc	Second Year Food Technology	20/06/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BA	Electives for Marathi, English, History, Hindi, Geography, Sociology, Politics	17/06/2019
BCom	Electives for Banking and finance, Marketing Management, Computer application	17/06/2019
BCA	CBCS for F.Y., S.Y. and T.Y. B.C.A Computer application	17/06/2019
BSc	Electives for T.Y.B.Sc Statistics, Chemistry, Zoology, Mathematics, Physics	17/06/2019
BSc	CBCS for First Year B.Sc, B.Sc Biotechnology, B.Sc computer Science	17/06/2019
BA	First Year B.A.	17/06/2019
BCom	First Year B.Com	17/06/2019
BBA	First year Computer application	17/06/2019
BVoc	First year Food Technology	17/06/2019
MSc	Biotechnology, Analytical Chemistry, Computer Science, Microbiology, Physics, Zoology	01/07/2019
BVoc	Second Year Food Technology	20/06/2019

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

	Certificate	Diploma Course
Number of Students	194	97

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
Cyber security I(Semester I III)	21/10/2019	273
Cyber security II(Semester II IV)	18/03/2020	273
Human Rights(Semester I II)	20/03/2020	280

Skill Development courses(Semester III IV)	20/03/2020	266
Modi lipi workshop (30 hrs)	15/02/2020	300
Certificate course - IIT Bombay Software Training Workshop (45Hrs)	17/09/2019	537
Environmental Awareness	07/07/2019	945
Physical Education	01/01/2020	1103
Value Education	15/06/2019	250
Gender Sensitivity	01/01/2020	250
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1.3.2 – Field Projects / Internships undertaken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Biotechnology, Chemistry, Computer Science, Microbiology, Physics, Zoology- Curriculum, value added, skill development, Avishkar Projects	936
MSc	Second year computer Science- Internship	29
BA	Third year History, Geography curriculum Projects, Second year Environment Awareness, Physical Education	512
BSc	First and Third Year Statistics, Third Year Physics and Computer Science, First Year Botany and Zoology, Environment Awareness, Avishkar, physical education	1443
BBA	Third Year Curricular projects, Second Year Environment Awareness, Avishkar, Physical Education	251
BCom	Second Year Environment Awareness, Physical Education, value added projects(gender sensitivity, value education)	942
BCA	Second year environment Awareness,	139

	Avishkar, Physical Education	
BVoc	Food Technology- Internships	38
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>Curriculum development is a multifaceted process interlinking students, alumni, teachers, employers and parents with college as the nodal point. Best feedback focuses constructively on student accomplishments and drawbacks with inputs from all beneficiaries and stakeholders. It is inclusive in reformation with constructive criticism to upgrade wherever needed to meet the aspirations of present and future society creators. The sincere efforts of University and college ineffective curriculum planning, implementation and documentation are successful when it is appreciated in all spheres by its stakeholders. The feedback on the curriculum is highly structured, comprehensive, transparent and holistic involving authorization from management and administrative heads of IQAC, faculty, departments, Committees, Office, library, and sports facility. The technological intervention has upgraded the collection system with link created by IQAC with in house expertise shared by the Department of Computer Applications. The questionnaire of feedback is designed with thorough discussions in meetings. The google form link or QR codes are shared with stakeholders. Access to feedback responses is restricted and confidentiality is full proof. It is received from students, alumni, parents, employers and teachers with exclusive questionnaire. The feedback system is focused on curriculum emphasizing Course content, employability, Quality and relevance of course content, faculty proficiency in curriculum delivery, Library resources, evaluation, pedagogies, extension beyond classroom, infrastructure support, curricular events, trainings, overseas career, overall grade, competence at National competitive examinations. It also invites special remarks from all its stakeholders. The responses for each questionnaire are well documented, systematically and analysis is done from these responses for each criterion in feedback. The graphs are well studied and comprehensive result is reported with constructivism. Collective feedback is shared with stakeholders after discussions in CDC. The feedback analysis is then displayed on website for transparency. The action to be taken are immediately set and implemented after consent IQAC. The action taken report is also displayed on College Website for appreciation from beneficiaries. The current year feedback from students applauds the course content, resources of library, infrastructure, evaluation system, Industry relevance of course content, feedback system and design of curriculum. It also emphasizes the efforts of faculty and their proficiency. The demand from students is on Choice based Credit system to be introduced for high scores and more flexibility in courses. Massive On campus Placement drives are expected from parents, teachers and students. Faculty with Ph.D for P.G</p>

teaching is aspired by all master degree students. Skill training need to be more exhaustive. Industry trainings to be made compulsory for as many students as possible. Certificate courses to be executed. Academic flexibility is the concern of teachers. Alumni are in high valor for the facilities, curriculum, teachers, in great regard for college grading as best in University. Employers also appreciate the skill set, curriculum in comparison with other universities. They suggest 3 months to 6 months internships to train students in work experience. These suggestions have aided in constructive efforts for implementation.

<https://drive.google.com/drive/u/2/folders/1PRseelShwmnkdOVc8OXzJOMfwKTOx5vu>

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
MSc	Computer Science	30	50	30
MSc	Biotechnology	24	40	23
MSc	Analytical Chemistry	24	170	24
BCA	Computer Applications	80	125	88
BSc	Physics, Chemistry, Mathematics, Statistics, Botany, Zoology, Microbiology and Electronics	240	990	257
BA	Marathi, Hindi, English, History, Geography, Economics, Political Science, Psychology and Sociology	360	376	376
BCom	Marketing Management, Banking and Finance and Computer Applications	240	665	250
BBA	Computer Applications	80	87	87
BSc	Computer Science	160	200	176
BSc	Biotechnology	45	50	49

[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	3120	277	109	20	Nil

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
139	139	7	56	2	12

[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)

Student mentoring system is implemented in the college for the better interaction between students and teachers. Information about the students of Undergraduate and Post graduate is collected through college office. A teacher is assigned a group of 25 to 30 students for mentoring them throughout the academic year. Initially the teacher takes a session of the assigned students and collects all the information like their hobbies and interests, aims, goals and future plans. Afterwards regular meetings from time to time keep the teacher updated about the progress of students. Guidance is provided by the teacher as per the need of the student which helps them to overcome the weakness and convert them into strengths. During mentoring the students, the teacher carries out counseling on various aspects such as personal, financial, academic, psychological, career. Personal counseling includes advice on basic medical and psychological issues. Students having serious psychological issues like anxiety or depression problem are mentored and if needed directed to the Counseling cell. At times the students have family problems for which the student may be counseled with family members. Majority of the students come from rural areas having modest backgrounds. A majority of the faculty members also have similar backgrounds and therefore are very much familiar with the mental state of our college students. A large number of students in the college come from economically weak backgrounds. The students are guided for many scholarships so that they can continue their studies without break. They are also encouraged to work in the Earn and Learn scheme of the SPPU. Academic mentoring includes educational and career planning. CBCS system introduced was discussed with course out comes highlighted by each faculty for each new course. New evaluation pattern is also explained to all students. The student is advised to be regular in class and participate in co curricular and extracurricular activities to improve academic output. Lectures are conducted for students to give them information about different competitive examinations in their specialization, different career options, list of research institutes and companies where they can find jobs. Career: The students are also asked about their career aspirations and the mentor discusses the pros and cons of the career choices and explains to the student which would be best suited to the student. The student is encouraged to go to job fairs and campus recruitment drives to improve chances of quick placements. Follow up: After the primary counseling the mentor discusses the goal set by the student, which is frequently reviewed. The mentoring helps the student in interpersonal relationships and helps in academic and career planning. Mentoring records are maintained by the respective teachers in the prescribed format. The students are encouraged to understand their abilities and strengths and help them to succeed in life. In COVID-19 pandemic crisis, mentoring done through online platforms with ICT. Social media groups created for every class aided in continuous monitoring of student progress and holistic development by inviting to participate in e-programs at conducted by college and others.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
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3397

139

1:24.4

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
120	120	3	65	31

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
2020	Dr. Bharat Shinde	Principal	Outstanding Principal of the Year , International Education Summit and Awards, Bangkok, Thailand, 22/02/2020
2019	Dr.Deokate Ramesh	Assistant Professor	Young Associate-ship award ,Maharashtra Academy of Sciences, Maharashtra.,14/12/2019
2019	Dr Sharma Rajesh	Assistant Professor	Best Paper award, Microbiologists Society, India,21/09/2019
2019	Dr. Borse Tushar	Assistant Professor	Best Paper award, Microbiologists Society, India,21/09/2019
2020	Dr. Kolapkar Mangesh	Assistant Professor	Best Paper award, Third Biennial International Conference on Recent Trends in Image Processing and Pattern Recognition.04/01/2020

[View File](#)**2.5 – Evaluation Process and Reforms****2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year**

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination

BBA	TYBBA	Semester	18/11/2019	02/01/2020
BBA	SYBBA	Semester	18/11/2019	02/01/2020
BA	FYBA	Semester	25/11/2019	25/01/2020
BCom	FYBCOM	Semester	30/11/2019	25/01/2020
BBA	FYBBA	Semester	18/11/2019	31/01/2020
BCA	FYBBA(CA)	Semester	05/11/2019	31/01/2020
BCA	SYBBA(CA)	Semester	15/11/2019	02/01/2020
BCA	TYBBA(CA)	Semester	15/11/2019	20/01/2020
BSc	FYBSC	Semester	30/11/2019	25/01/2020
BSc	SYBSC	Semester	11/11/2019	29/01/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

College affiliated to SPPU, follows the code of conduct, examination schedules, laid by the university. College has commissioned College Examination Officer and examination committee for smooth conduct of all examinations. Time tables of all examinations as per tentative university schedules are displayed in academic calendar after exhaustive discussions in meetings by CEO, exam committee, Vice-Principals and IQAC with due consent of CDC. Students are communicated in induction program, with regular display of notices on social groups. Vigilance of all exams is maintained by Internal examination squad with a female faculty representative. CIE is conducted for all faculties through summative and formative assessments for semester, annual and CBCS programs. Internal and term end exams are implemented for theory and practical courses vigilantly as per the time tables. Assessment for CIE is implemented through written tests, quiz, surveys, projects, debate, group discussions, viva, problems and visit reports. Grievances regarding exams are resolved at priority. Assessment of all first year programs is done at college level by faculty followed with moderation by senior faculty. Records of CIE are meticulously maintained by departments and examination section. Students missing the internal examination under genuine reasonable and valid conditions are given special consideration. Project assessment is conducted with reviewers of domain expertise. Examination question papers, evaluation and records standards are set with confidentiality and transparency. Internships and field projects conducted are assessed with same rigidity as regular examination. During Pandemic, evaluation for all examinations is done by google forms for internal and university exams.

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

Academic calendar is meticulously planned with brain storming sessions by IQAC with Vice Principals, Heads of departments and chairman of statutory and other committees in the month of May end in tune with tentative schedules in calendar of SPPU. It is published on website, student and teacher diary. CDC has given its consent for academic calendar. Admissions, evaluations, commencements and conclusions of terms, semesters, curricular, co curricular and extracurricular activities under college committees are highlighted. Examination time tables, results declaration are timely announced as appendix to the academic calendar. It is provided to all stakeholders. It includes tentative schedules of CIE, University exam time tables followed religiously by CEO, exam committee and all faculty. Deadlines for syllabus completion and report submission are also mentioned and implemented. COVID-19 pandemic crisis initiated drastic changes in academic calendar which were intimated to all stakeholders through digital

platforms. Syllabus completion was monitored IQAC. Innovations in teaching methods were informed to all students and training for faculty was conducted for use of ICT. Student presentations of assignments, projects, internships are also conducted through prior intimation. New evaluation strategies using online mode was also briefed to all stakeholder by IQAC. Record maintenance of all evaluation, lectures conducted, project presentations are trained for all stakeholder with caution and concern. Many programs scheduled in academic calendar are conducted online without hampering the student progress. College took initiatives to conduct online orientation to face COVID-19 challenges. Results and university examinations changed schedules are conveyed to students through social platforms.

2.6 – Student Performance and Learning Outcomes

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

http://vpasccollege.edu.in/igac_agac_cos_po_pso.php

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
TYBSC CS 03	BSc	Computer Science	114	114	100
TYBBA CA 03	BBA	BBA	57	57	100
TYBCOM 03	BCom	Commere	180	165	91.67
TYBA 03	BA	Sociology	9	9	100
TYBA 03	BA	Politics	33	25	75.75
TYBA 03	BA	History	37	35	93.75
TYBA 03	BA	Geography	29	23	79.31
TYBA 03	BA	English	17	17	100
TYBA 03	BA	Hindi	13	11	84.60
TYBA 03	BA	Marathi	8	6	75

[View File](#)

2.7 – Student Satisfaction Survey

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

http://vpasccollege.edu.in/igac_documents/20_21/SSS_2019-20_VPASCC.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Projects sponsored by the University	730	BOD, SPPU, Pune	1.6	0.8

Projects sponsored by the University	730	BOD, SPPU, Pune	2.2	1.1
Major Projects	1080	DBT, Govt. Of India	8	6
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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Two Days National Conference on Advanced Functional Materials: Synthesis, characterization Applications"	BOD,SPPU and Dept Of Physics	03/01/2020
One Day STUDENT SOLAR AMBASSADORS workshop under Gandhi Global Solar Yatra in collaboration with IIT, Mumbai.	Ministry Of Education,GoI Unnat Bharat Abhiyan Dept Of Physics	02/10/2019
MANAV Human Atlas Initiative-Training and Project Awareness	IISER, Pune, NCCS, Persistent Systems and Dept Of Micro	20/12/2019
Webinar on Effective teaching, learning and evaluation using Learning Management System: MOODLE	SPPU and IQAC, VPASC College	08/05/2020
National IMMUNOFEST	Microbiologists Society, India and Dept Of Micro, Unnat Bharat Abhiyan	21/09/2019
National Microbiome Food fest	Microbiologists Society, India Dept Of Micro and Food Technology, Unnat Bharat Abhiyan	10/01/2020
Two days State Level Pratibha Intercollegiate Elocution Competition	BSD, SPPU, Pune	12/12/2019
State level Two days seminar on Emerging Technologies In Food Processing And Packaging	QIP, SPPU Dept Of Food Tech.	08/02/2020
One day Webinar on use of ICT tools for effective teaching and learning	IQAC, VPASC College	28/05/2020
Online Examination on "Revision on Concept of Fundamentals of Electrodynamics" for SPPU, T.Y.B.Sc. Students	Department of Physics	13/05/2020

2 Days workshop on Personality Development in association with IIT Kanpur	IIT Kanpur and Dept Of Comp. Sci.	06/12/2019
3 Days workshop on " Programming in Android	Curiosity automation Pvt (OPC) Baramati and Dept Of Comp. Sci.	24/02/2020
The Arts and Science of Apiculture	SPPU and Dept Of Biotechnology	16/02/2020
One day workshop on Food, FSSAI and its Laws	DBT-STAR College and Dept Of Biotechnology	19/10/2019
5 Days workshop on IPR	DBT-STAR College and Dept Of Biotechnology	14/10/2019
Certificate course - IIT Bombay Software Training Workshop (45H)	Dept of BBA(CA) and IIT Bombay	17/09/2019
One Day Workshop on Energy Conservation	Dept. of Physics in collaboration with 'Senvion Wind Technology Pvt. Limited, MIDC, Baramati	23/01/2019
One day workshop on Programming in Python	Dept. of Computer Science	25/01/2020
One day workshop on 'Medicinal plants : Importance, Utilization, and conservation'	Dept of Botany	15/02/2020
One Day Workshop on Bio inoculants Production: Lab to Field Public Advocacy	Krishi vigyan Kendra, Baramati and Dept of Microbiology	05/02/2020
One Day Workshop on Fish Farming	Department Of Zoology	31/01/2020
National Webinar on IPR	Dept of Microbiology with Y.C. College of Lakhandur Bhandara	28/01/2020

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Best Principal	Dr. Bharat P Shinde	International Educational Summit and Awards, Bangkok, thailand	11/01/2019	Research and Administration
Young Associate of Maharashtra Academy of Sciences	Dr. Ramesh Deokate.	Maharashtra Academy of Science, Maharashtra	14/12/2019	Research
Immunofest, Best Poster	Dr. R.J.Sharma	Immunofest, Society of	21/09/2019	Research

		Microbiology, India		
Immunofest, Best Rangoli	Dr. T H Borse	Immunofest, Society of Microbiology, India	21/09/2019	Research
Immunofest, Best Poster (Student)	Priyanka Borgave and Aishwarya Pathary	Immunofest, Society of Microbiology, India	21/09/2019	Research
Immunofest, Best Rangoli (Student)	Jotiba Nalawade	Immunofest, Society of Microbiology, India	21/09/2019	Research
International Conference on emerging diseases and Diagnosesis, SPPU	Shreya Bhagwat/ Prerna Jalgote	SPPU, Pune	06/03/2020	Research
Intercollegiate Statistic Quiz	Rutuja Dilip Jagtap	Statistics Association	29/02/2020	Academics
SVERI's College of Engineering Pandharpur	Sanskriti Gosavi, and Sakshi Swami (Food Tech.)	Poster Competition event at Olympus2K19	15/07/2019	Academics
Maharashtra Base Ball Association organized by Solapur district	Sanskriti Gosavi (Food Tech.)	Base Ball Game	12/12/2019	Sports
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Computer Science Department	Akash Dengale	Microbiology	Creating Media Solution	Smart Media	15/06/2019
Biotechnology Incubation Center	Jotiba Nalawade	Biotechnology	Chaitnya Health Secerts	Health Drink for rejuvenation	14/08/2019
BBA/ BCA	Jadhav Ashish	BBA/BCA	A J production	Film Production	15/06/2019
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
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0	0	1
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3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

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

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Biotechnology	2	4.3
International	Botany	6	3.8
International	Physics	2	5.7
International	Computer Science	1	5.1
International	Microbiology	1	3.7
International	Geography	1	5.5
International	Commerce	1	5.1
International	Physical Education	1	4.8

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

Department	Number of Publication
English	1
Botany	6

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Energy storage potential of sprayed a-MoO ₃ thin films	Ramesh J. Deokate, Ranjit Kate, Nanasah M. Shinde and Rajaram S. Mane	New J. Chem.	2020	0	Vidya Pratishthan's Arts, Science and Commerce College, Baramati, 413133, MS, India	Nil
Effect of cobalt doping on electrochemical properties of sprayed	R.S. Kate, R.J. Deokate	Materials Science for Energy Technologies	2020	1	Vidya Pratishthan's Arts, Science and Commerce College, Baramati,	1

nickel oxide thin films					413133, MS, India	
Chalcogenide nanocomposite electrodes grown by chemical etching of Ni foam as electrocatalyst for efficient oxygen evolution reaction	Ramesh J Deokate, Sarfraj H Mujawar, Harish S Chavan, Sawanta S Mali, Chang Kook Hong, Hyunsik Im, Akbar I Inamdar	International Journal of Energy Research	2020	7	Vidya Pratishthan's Arts, Science and Commerce College, Baramati, 413133, MS, India	6
"Physical and optical properties of sprayed Cu ₂ ZnSnS ₄ (CZTS) thin film: effect of Cu concentration	R.J. Deokate, R.S. Kate, S.C. Bulakhe	Journal of Material Science.: Materials in Electronics	2020	9	Vidya Pratishthan's Arts, Science and Commerce College, Baramati, 413133, MS, India	8
Ethics and Values in Rabindranath Tagore's Gitanjali	Mr. Rajkumar Kadam	Foregrounding	2019	0	Vidya Pratishthan's Arts, Science and Commerce College, Baramati, 413133, MS, India	Nil
21 vi Sadi ke Hindikavya men Dalitvimarsh	Dr. Mangal Sasane	Bhasha Sahodari	2019	0	Vidya Pratishthan's Arts, Science and Commerce College, Baramati, 413133, MS, India	Nil
Droughts and agriculture in the semi-arid region of Maharashtra, western India	Dr. Rahul S. Todmal	Weather, Climate, and Society	2019	4	Vidya Pratishthan's Arts, Science and Commerce College, Baramati, 413133, MS, India	3

The Recent Research and Growth in Energy Efficiency in Cu ₂ ZnSnS ₄ (CZTS) Solar Cells	RJ Deokate	Nanostructured Materials for Next-Generation Energy	2019	0	Vidya Pratishthan's Arts, Science and Commerce College, Baramati, 413133, MS, India	Nil
Codoping effect on structural and optical properties of nickel oxide (NiO) thin films via spray pyrolysis	R.S. Kate, S.C. Bulakhe, R.J. Deokate	Optical and Quantum Electronics	2019	3	Vidya Pratishthan's Arts, Science and Commerce College, Baramati, 413133, MS, India	2
Effect of Substrate Temperature on Properties of Nickel Oxide (NiO) Thin Films by Spray Pyrolysis	R.S. Kate, S.C. Bulakhe, R.J. Deokate	Journal of Electronic Materials	2019	5	Vidya Pratishthan's Arts, Science and Commerce College, Baramati, 413133, MS, India	4
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Effect of Substrate Temperature on Properties of Nickel Oxide (NiO) Thin Films by Spray Pyrolysis	R.S. Kate, S.C. Bulakhe, R.J. Deokate	Journal of Electronic Materials	2019	7	5	Department of Physics, Vidya Pratishthan's College, Baramati, Dist. Pune, MS, India

Co doping effect on structural and optical properties of nickel oxide (NiO) thin films via spray pyrolysis	Ranjit S. Kate, Suraj C. Bulakhe, Ramesh J. Deokate	Optical and Quantum Electronics	2019	7	3	Department of Physics, Vidya Pratishthans College, Baramati, Dist. Pune, MS, India
Droughts and agriculture in the semi-arid region of Maharashtra, western India	Dr Rahul S. Todmal	Weather, Climate, and Society	2019	7	4	Department of Geography, Vidya Pratishthans College, Baramati, Dist. Pune, MS, India
Physical and optical properties of sprayed Cu ₂ ZnSnS ₄ (CZTS) thin film: effect of Cu concentration	R.J. Deokate, R.S. Kate, S.C. Bulakhe	Journal of Material Science.: Materials in Electronics	2020	7	9	Department of Physics, Vidya Pratishthans College, Baramati, Dist. Pune, MS, India
Chalcogenide composite electrodes grown by chemical etching of Ni foam as electrocatalyst for efficient oxygen evolution reaction	Ramesh J Deokate, Sarfraj H Mujawar, Harish S Chavan, Sawanta S Mali, Chang Kook Hong, Hyunsik Im, Akbar I Inamdar	International Journal of Energy Research	2020	7	7	Department of Physics, Vidya Pratishthans College, Baramati, Dist. Pune, MS, India
Effect of cobalt doping on electrochemical properties of sprayed	R.S. Kate, R.J. Deokate	Materials Science for Energy Technologies	2020	7	1	Department of Physics, Vidya Pratishthans College, Baramati,

nickel oxide thin films						Dist. Pune, MS, India
Hydro-chemical characterization and geospatial analysis of groundwater for drinking and agricultural usages in Nashik district in Maharashtra, India	Dr Rahul S. Todmal	Environment, Development and Sustainability https://doi.org/10.1007/s102020	2020	7	2	Department of Physics, Vidya Pratishthans College, Baramati, Dist. Pune, MS, India
ETHNO-MEDICINAL STUDY OF SOME PLANTS FROM BARAMATI AND NEARBY VILLAGES OF PUNE DISTRICT, MAHARASHTRA STATE	D. K. Jagtap, Jakhi P.S., Kashid L.M.	International Journal of Agriculture Science and Research	2020	7	Nil	Department of Botany, Vidya Pratishthans College, Baramati, Dist. Pune, MS, India
A Study of Baramati City (Maharashtra, India) for the potential to be a Smart City: Opportunities and Suggestions	Sunil Ogale	INTERNATIONAL JOURNAL FOR INNOVATIVE RESEARCH IN MULTIDISCIPLINARY FIELD	2020	7	1	Department of Geography, Vidya Pratishthans College, Baramati, Dist. Pune, MS, India
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Presented papers	4	3	1	4
Attended/Seminars/Workshops	5	87	4	50

Resource persons	1	3	2	9
View File				

3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
World Yoga Day	Department of Physical Education	6	525
Campus Cleanliness Program	National Service Scheme	8	200
Mass Tree Plantation	Rotar Club of Baramati	14	200
Nakshatra Garden Cleaning Program	Student Development Board and IQAC, VPASC College 02112-243488	10	100
Blood Donation Camp	Mankibai Chandulal Saraf Blood Bank, Baramati	20	80
2-week Program Swacchha Bharat Abhiyan	National Service Scheme and Student Developemnt Board	15	200
Eye Cataract Surgery Camp	Pune Blind Association, Environmental Forum of India	3	60
Fit India Campaign	Department of Physical Education	25	150
Nutricious Diet Awaeness Week	National Service Scheme	15	75
Voluntary support for State Election	National Service Scheme	2	20
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Swip workshop	District Level	District Collector office Pune	2020
SRD, Mumbai	State Level	SRD, Mumbai	2020
Utkarsha	University Level	S.P.Pune	2020

Selection Camp, Sp.P.U, Pune		University, Pune	
NRD/SRD Selection Camp,	University Level	S.P.Pune University, Pune	2019
Kolhapur Flood Relief Camp	University Level	S.P.Pune University, Pune	2019
Pune-Pandharpur National Dindi	University Level	S.P.Pune University, Pune	2019
NRD/SRD Avhantraining S.P.P.U, Pune	University Level	S.P.Pune University, Pune	2019
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
S.P. Pune University Board of Student Welfare	National Service Scheme and Student Development Board	2-week Program Swacchha Bharat Abhiyan	15	200
National Service Scheme	Rotary Club of Baramati	Mass Tree Plantation	14	200
National Service Scheme	Department of Physical Education	World Yoga Day	5	525
S.P. Pune University Board of Student Welfare	Pune Blind Association, Environmental Forum of India	Eye Cataract Surgery Camp	3	60
Voluntary Support for Distribution of Artificial Organs and supporting accessories to the Senior Citizen 9-10 Jan 2019	Department of Physical Education	Fit India Campaigning	25	150
National Service Scheme	National Service Scheme and Department of Biotechnology	Nutricious Diet Awareness Week	15	75
S.P. Pune University Board of Student Welfare	National Service Scheme	Voluntary support for State Election	2	20
S.P. Pune	National	National	5	2000

University Board of Student Welfare	Service Scheme	Integration Day Pledge		
S.P. Pune University Board of Student Welfare	National Service Scheme	Constitution Day	5	150
Board of Student Development, SPPU, Pune	National Service Scheme	World Aids Awareness and Control week	8	150
View File				

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Internship	PATIL MAKARAND SARJERAO	Collabration	30
Internship	RAMGUDE VISHAL SANJAY	Collabration	30
Internship	KANSE OMKAR SUDHAKAR	Collabration	30
Internship	MANE ATHARVA YOGESH	Collabration	30
Internship	JAYPATRE SHIVTEJ ANKUSH	Collabration	35
Internship	KHOMANE PRAMOD BALASO	Collabration	30
Internship	BADE SHRUTI HANUMANT	Collabration	30
Internship	CHAVAN VARE RACHANA RAJENDRA	Collabration	30
Internship	PONDKULE PRITI BALASO	Collabration	30
Internship	MORE DIVYA RAMDAS	Collabration	30
View File			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
MOU	Competitive Cell	Kukans Dnyanodya Academy	15/06/2019	16/03/2020	300
MoU	Internship	Baramati	15/05/2019	20/06/2019	5

		dudh utpadak sangh, Baramati			
MoU	MoU	Aishwarya bakery, Baramati.	15/05/2019	14/06/2019	3
MoU	Internship	Indapur dairy and milk products ltd Indapur.	15/05/2019	15/06/2019	4
View File					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Curiosity Automation Pvt Ltd, Baramati	13/03/2020	Skill Development of Students	300
• The Poona Gujrati Kelwani Mandal's H.V.Desai College, Pune	21/01/2020	Teacher Student Exchange Program	470
• Pixelstat eSolutions Development Pvt Ltd	21/02/2020	IPR	45
View File			

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
109.6	28.7

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
View File	

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
A Integrated Library Automation Management Software	Fully	Auto Lib NG Web OPAC	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
	Text Books	22192	605184	2993	280775	25185
Reference Books	14700	8987552	345	318934	15045	9306486
e-Books	6000	5900	6000	5900	12000	11800
Journals	56	63435	Nil	Nil	56	63435
e-Journals	12000	Nil	12000	Nil	24000	Nil
Digital Database	2	Nil	2	Nil	4	Nil
CD & Video	860	Nil	Nil	Nil	860	Nil
Library Automation	3	135630	Nil	Nil	3	135630
Weeding (hard & soft)	9408	837796	Nil	Nil	9408	837796
View File						

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
Dr Tushar Borse	Secondary Metabolite	Powerpoint Presentation	02/10/2019
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	311	7	240	0	1	14	17	50	64
Added	0	0	0	0	0	0	0	0	0
Total	311	7	240	0	1	14	17	50	64

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

50 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
DST -FIST Sponsored e-Content Development facility and Vasundhara Radio	http://vpasccollege.edu.in/uploads/IQAC/documents/Facilities%20%20for%20e-content%20development.pdf

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
21.9	5.27	12.6	6.31

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

The Principal of college proposes extension, construction and renovation of the existing facilities of equipment and other infrastructural facilities. It is mainly done by keeping in view the addition in courses and number of students. To make optimum use of the existing infrastructure for teaching and learning, time table of UG and PG is designed in a systematic way. Institution keeps record of all kinds of curricular and co-curricular changes and up gradation in academic aspects. Accordingly, it allocates financial resources to strengthen the activities and their continuity is taken care of. College has technical support staff for maintenance and upkeep of facilities like furniture, computers and certain types of equipment s. Services for maintenance of building, certain equipment, ground, campus, etc are outsourced. • The college takes necessary care and precaution towards the maintenance of its infrastructure, facilities and equipment. • Annual maintenance contract for Biotechnology equipment are made with manufacturers. • Water and drainage line are regularly maintained. • Cleaning work at college is outsourced and a team of volunteers including staff undertake the work of cleanliness of the campus early in the morning, afternoon and in the evening. • Electric fittings are regularly checked and replaced whenever necessary by the two electricians appointed in the college. They are always on their rounds to check electric fittings and promptly attend to all staff whenever there is a need for their services. • Two Plumbers and a building supervisor look after building maintenance and sanitation facilities. • Color and patching of the college premises is undertaken on an annual basis. • Furniture including benches, desks, tables, cupboards and chairs are repaired and some are replaced by two permanent carpenters appointed by the college. • Syatem Administrator looks after the work of proper functioning of computers, printers and servers. • Technicians are called for repairs of LCD, computers, laboratory equipment and apparatus. • Management has also appointed a gardener.

[http://vpasccollege.edu.in/uploads/IQAC/documents/4.4.2%20Procedures%20and%20Policies%20for%20Maintaining%20and%20utilizing%20Facilities%20\(1\).pdf](http://vpasccollege.edu.in/uploads/IQAC/documents/4.4.2%20Procedures%20and%20Policies%20for%20Maintaining%20and%20utilizing%20Facilities%20(1).pdf)

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	Pawar Vidya Charitable Trust, Pawar Public Charitable Trust, Rotary Club Bayside Charitable Trust	17	393610
Financial Support from Other Sources			
a) National	Directorate of Higher Education [EBC Scholarship], Social Justice and Special Assistance Department [SC Scholarship], Tribal Development Department [ST Scholarship], VJNT, OBC and SBC Welfare Department	2099	5338624
b) International	Nil	Nil	0
View File			

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
Pratibha State Level Debate competition	12/12/2019	124	Amol Mitkari
Road Traffic Awareness	27/01/2020	65	VPASC College Staff
College Cleanliness awareness	01/10/2019	200	VPASC College Staff
Tree Plantation	13/08/2019	100	VPASC College Staff
Earn and Lean Scheme	01/08/2019	63	Savitribai Phule Pune University Pune.
One Day SET-NET workshop	03/01/2020	60	Dr. Dhanmane Prof. Sharad Pasale Prof. Sachin Sakate
One day Acting workshop	04/02/2020	102	Shri Rajkumar Mule
Workshop on Energy Conservation and Awareness	05/02/2020	68	Shri. Sanjay Kulkarni Shri. S.B. Narkhede
Workshop on Small	01/03/2020	125	VPASC College

Industry			
Natural Bhooroop Workshop	04/02/2020	97	VPASC College and Amol Mitkari
View File			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Competitive Exam Centre and Placement Cell	1700	640	20	79
View File					

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

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
ICICI Bank, Kolhapur.	28	7	VIIT, Baramati. Job Fair, Baramati. H.V.Desai College, Pune. Tarkirtha Laxmanshastri College, Wai. Arts, science and Commerce college, Indapur VPASC college, Supe, Dist-Pune VPASC college, Baramati Junior college, Tal-kasari, Tal-	339	72

[View File](#)

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	1	V.P.A.S.C. College Baramati	Mathematics	Fergusson College, Pune	M.Sc.
2020	2	V.P.A.S.C. College Baramati	Mathematics	T.C. College Baramati	M.Sc.
2020	6	V.P.A.S.C. College Baramati	Computer Science	Abasaheb Garware College, Pune	M.Sc. Computer Science
2020	5	V.P.A.S.C. College Baramati	Computer Science	Fergusson College, Pune	M.Sc. Computer Science
2020	3	V.P.A.S.C. College Baramati	Computer Science	Savitribai Phule Pune University	M.Sc. Computer Science
2020	7	V.P.A.S.C. College Baramati	Computer Science	V.P.A.S.C. College Baramati	M.Sc. Computer Science
2020	5	V.P.A.S.C. College Baramati	Computer Science	Nowrosjee Wadia College, Pune	M.Sc. Computer Science
2020	7	V.P.A.S.C. College Baramati	Computer Science	Indira College , Pune	M.Sc. Computer Science
2020	3	V.P.A.S.C. College Baramati	Computer Science	T.C. College Baramati	M.Sc. Computer Science
2020	4	V.P.A.S.C. College Baramati	Computer Science	Modern college, Ganeshkhind	M.Sc. Computer Science

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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
NET	6
SET	7
GATE	1
GMAT	Nil

CAT	Nil
GRE	Nil
Any Other	1
View File	

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

Activity	Level	Number of Participants
Poem Recitation	College	75
Story Telling	College	12
Singing	College	37
Dance	College	150
Cultural Rally	College	2530
Flower Arrangement	College	46
One Act Play	College	56
Badminton	Inter-collegiate	380
Power lifting, Yoga Softball Boxing, Cycling, Shooting, Athletics (Participation)	Inter-zone	125
Yoga Camp - Yoga Day Celebration	College	525
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Nil	National	Nil	Nil	Nil	Nil
No file uploaded.						

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

The Student Council was formed as per the UGC and University rules and regulations. It consists of the following members: i. Dr. Bharat Shinde Principal - Chairman ii. Mrs. Nilima Pendharkar IQAC Co-ordinator iii. Dr.Lalasaheb Kashid Nominated by the Principal iv. Dr. Manisha Kakde N.S.S. Programme Officer v. One top ranked student from each faculty, nominated by the Principal • Miss. Shruti Suryawanshi S.Y.B.A • Miss. Radhika Kale S.Y.B.Com • Miss. Prapti Bagal T.Y.B.B.A. • Miss. Pranav Aherkar T.Y.B.Sc. • Mr. Ujjwala Jadhav M.Sc.(Chem.) vi. Dr. Dinesh Sarode Director of Sports and Physical Education vii. One student from each of the following activities showing outstanding performance, nominated by the Principal: a) Mr. Shubham Gite Sports b) Mr.Tushar Sawane National Service Scheme c) Miss. Varsha Chavan Cultural Activities viii. Two lady student members, nominated by the Principal • Miss. Ayesha Mulani • Miss. Rutuja Bobade ? Contribution of the Council: ? The N.S.S. Student Representative, Mr. Tushar Sawane assisted in organizing the Special Winter Camp.His role asthe facilitator between the students and the N.S.S. Programme Officer was crucial to make camp successful. ? The Sports

Representative Mr. Shubham Gite assisted the Director of Sports in organising the Sports events. He also helped to organise the International Yoga Day Celebration on 21 June, 2019. ? The student representatives Miss. Simran Shaikh, Miss. Ayesha Mulani and Miss. Rutuja Bobade worked as Student-Editors on the Editorial Board of the college Magazine, Vidya Deep. ? The student representative on College Development Committee worked as a mediator and facilitator between students and administration. ? Programmes by the Council: ? Organised Nirbhaya Kanya Abhiyan in collaboration with Student Welfare Committee in which 500 Students participated. ? Celebrated Mother Tongue Day on 22nd February, 2020 to encourage students to use Mother tongue on social and cultural platforms. ? An Essay Competition was organised on 'Election Literacy to Strengthen Democracy' on 25th January, 2020. Total 22 students participated in the competition. ? Blood Donation Camp was organised on the occasion of the birthday of the President of Vidya Pratishthan, Hon. Sharadchandraji Pawar. ? Road safety Campaign was organised in collaboration with N.S.S. and B.O.D on 27th January, 2020. ? Celebrated the Constitution Day on 26th November, 2019 to inculcate the principles of liberty, equality and fraternity among the students. Mr. Vijay Kakde made the students aware about their rights and duties. ? Tree Plantation Programme was organised on 13th August, 2019 in which 200 students participated. ? Cleanliness Campaign was organised on 1st October, 2019 on the occasion of Gandhi Jayanti. All the college students participated actively in the programme. ? The Cultural Representative played a crucial role in organising the cultural programmes and Youth Festival on 12 January, 2020. ? The Council organised the International Wetland Day on 2nd February, 2020 in collaboration with the B.O.D. and the Department of Botany. ? Cultural Rallies on Secularism, Unity in Diversity, Education and Environmental Awareness were organised in the first week of January, 2020. ? The Council organised 'Best Book Review Competition' in collaboration with the Department of

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Alumni Association organized a number of student-centric programmes during the academic year 2019-20. The prominent programmes are as follows: The Alumni Association organized the first meeting of the academic year on 17th June, 2019 to discuss the planning of the activities in the academic year 2019-20. Alumni promotion was discussed by Alumni Association.. The data was collected from the college and groups were formed and the task of contacting the alumni was given to them. This drive was very successful as the number of registered alumni was increased considerably. The Association planned its activities to increase the communicative competence of students. Therefore, a lecture on 'Communicative Competence in English' by Dr. Sanjay Khilare was organised for the college students on 14th February, 2020. Another lecture on 'Possibilities of Teaching Literature' was organized on 15th February, 2020 in collaboration with the Department of English in which Dr. Somnath Jagtap, Associate Professor from B.D. Kale College Ghodegaon who is our alumnus delivered the session. The Alumni Association conducted the second meeting on 6th November, 2019 to raise funds. The Association organised a special drive to collect fund for the Kolhapur flood affected area. A team of college students, teachers and the members of Alumni Association actively participated in the Rescue Operation. The Association also donated Rs.1,01,000/- to more than 1000 people in the flood affected area. The Association organized special lectures in collaboration with the Competitive Examination Centre for the Commerce Faculty students in order to prepare them for Banking, Railway, Reserve Bank and Staff Selection Commission Examinations. Mr. Loukik Shaha, Director, IBT, Baramati and Sarika Shaha delivered two sessions in this lecture series. Both the resource persons are the members of the Alumni Association. The association is

keen to organize Environmental Awareness Programmes since its inception. The following programmes were organised in this academic year: ? Cycle Rally was organised from Bhigwan Chowk, Baramati to the college Campus (approximately 5 km) consecutively for three years to promote fitness awareness among students and to reduce air pollution. There were 112 participants in the Rally. ? No Vehicle Day was practised and popularized on the college campus. ? Total Financial Contribution in 2019-20: Rs. 505756/- Details of the Association: 1. Title: Vidya Pratishthan's Arts, Science and Commerce College Alumni Association 2. Establishment: 6th October, 2016 3. Registration No.: Maha./1685/2016/Pune, Dated 06/10/2016 ? The Alumni Association Executive Committee: 1. Mr. Bhagwan Sambhaji Choudhar President 2. Mrs. Manjushree Ranjit Taware Vice-President 3. Adv. Nitin Shivajirao Statav Secretary 4. Miss. Komal Chandrakant Dhumal Treasurer 5. Prin. Dr. Bharat Shinde Designated Member 6. Dr. Shamrao Malhari Ghadage Designated Member 7. Mr. Tanaji Mahadeo Choudhar Member 8. Mr. Nagesh Avinash Deshmane Member 9. Mr. Manoj Shivaji Nale Member 10. Mr. Pravin Dattu Mane Member 11. Mr. Rajaram Madhukar Khade Member 12. Adv. Tushar Devidas Zende-Patil Member 13. Mr. Sanjay Uttam Devgunde Member 14. Miss. Apurva Hanamantrao Patil Member 15. Miss. Sarika Ranjit Wable Member 16. Adv. Priyanka Mohan Kate

5.4.2 – No. of enrolled Alumni:

300

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

505756

5.4.4 – Meetings/activities organized by Alumni Association :

08

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)

ARIIA: The ecosystem in college encourage, inspire and nurture young students for contribution in development of science and technology by exposing them with funding to new research ideas and processes resulting in innovative activities. IQAC prepared for Atal Ranking of Institutions on Innovation Achievements (ARIIA) 2020 which is an initiative of Ministry of Education (MoE), Govt. of India to systematically rank all major higher educational institutions and universities in India on indicators related to "Innovation and Entrepreneurship Development" amongst students and faculties. Assessment of innovation and startup ecosystem of our college was based on Seven parameters Budget, Expenses to Support Revenue Generated, Infrastructures Facilities to Support Innovations and Start-ups, Awareness Activities for Promoting Idea Generation and Innovation, Promotion and Supporting Entrepreneurship Development, Intellectual Property (IP) Generation, Technology Transfer and Commercialization, Innovative Learning Methods Courses, Innovations in Governance of the Institution under which the College accolades with National Achievement in Innovation and Ranks as Band 'A' Institution at National Level and is in First 25 Colleges under Govt. and Govt. aided Institutions by ARIIA-2020, UGC, Department Of Higher Education, Ministry of Education, GoI. The state of the art infrastructure, the dedication of faculty and scientific temperament of students that will set tone and direction for institution for future development for making us globally competitive and in forefront of innovation.<http://vpasccollege.edu.in/uploads/IQAC/ARIIA202019-20.pdf> Unnat Bharat Abhiyan: Unnat Bharat Abhiyan is inspired by the vision of

transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India. It is necessary to promote development of rural areas in tune with Gandhian vision of self-sufficient 'village republics', based on local resources and using decentralized, eco-friendly technologies so that the basic needs of food, clothing, shelter, sanitation, health care, energy, livelihood, transportation, and education are locally met. With the vision of holistic development of adopted villages, VPASC College is sanctioned under UBA 2.0 of MoE. The College have worked under the theme of Rural and sustainable development of adopted villages of Pune District such as Lakadi, Sawal, Mhasobachi wadi, Katewadi and Nirwagaj in the niche areas of Organic Farming, Renewable energy sources and Livelihood. The Departments of College planned and implemented several Awareness Programs on sustainable energy, Health, gender sensitivity, Food Safety and Security, Organic Farming, Covid Pandemic, Solid waste management through vermicomposting and Waste Water treatment on and off campus with our demonstration units. It fostered a new dialogue within the larger community in schools of adopted villages on science, society and the environment and to develop a sense of dignity and collective destiny.

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
Admission of Students	The admission process for all the courses offered by the college is as per the guidelines of UGC and the rules of Savitribai Phule Pune University. Merit list of the students is prepared and based on category wise distribution, the admission is completed online. College provides the Vridhhi platform facility for online filling of the forms, printing and providing facility of online payment of the fees. The College offers admissions without capitation fees. The college also provide fee exemption to the meritorious and needy students or the scholarships through the management of the college.
Human Resource Management	College is trying to fulfill the needs of human resources required for the administrative and academic purposes by filling up all the sanctioned posts as per rules. The teaching and non-teaching posts are fulltime or on a contract basis. The college caters to the needs of the human resource with respect to the salary as per the rules of the Institute for the contract and government for the sanctioned posts. The college is continuously organizing workshops for updating the expertise,

subject content, knowledge and teaching methodology of the faculty. The skill-based workshops for the non-teaching personnel are also organised.

Research and Development

The college is in a rural area has always strived to cater to the needs of the society with reference to the management of human, animal and environmental activities. The faculty members and the students always interact or observe the problems of all sorts associated with the benefit of the society, and try to develop the research in that field and develop the appropriate facility to resolve it. Transforming society needs by developing low cost but effective technologies is the strategy of the stakeholders of the college. Faculty urges to fulfill the needs of students and societal need-based projects.

Teaching and Learning

As an indicator of the need for developments in society, the college facilitates the interactions between the teacher and the student. College helps the teacher for the development of their expertise for the subject matter, motivating for learning and awareness of student differences, planning the teaching process, updating and upgrading the teaching-learning strategies, designing the learning environment, effective communication, and objective evaluation. The faculty members are encouraged to adopt new and novel methods of online platforms in teaching along with traditional methods. It included the use of online teaching, resources, onsite visits/demonstrations as well as evaluation.

Curriculum Development

? The College faculty is involved in the syllabus restructuring as per the University guidelines. Faculty enriches the content throughout the year, students feedback and the advances in the respective domain areas. The curriculum is supplemented with bridging courses either by visits, tours, guest lectures to cope up with the requirement of the respective course in the market. The college with efforts of the faculty has designed a curriculum for food technology, resulting in a vocational course approved by UGC with a handsome grant. The college has also initiated some

short term courses on basic to high-end techniques, personality development, IPR, etc.

Examination and Evaluation

The college follows the protocol as prescribed by the Savitribai Phule Pune University, Pune for the smooth conduct of the examination and evaluation online in CoVID crisis or offline. The college always strive to bring efficiency in the process by conducting awareness meetings for the student to guide them with the examination process and the code of conduct. The college has its own internal squad comprising the exam committee members who help in managing, conducting and monitoring the overall process of examination. The faculty members are guided and instructed for fair evaluation of the students performances and maintaining confidentiality.

Library, ICT and Physical Infrastructure / Instrumentation

With syllabus updation, students demand for proper conduct of the course content. The college updates its library and ICT facility. Each and every individual student should be a skilled person in the respective field is the motto of the college for that it has developed its infrastructure by creating a central facility and Incubator Center with advance instrumentation and also by providing multiple numbers of basic instruments for the general laboratory experiments. Increase in no of books through donations, projects, and individuals, development of digital classroom with e-resources and high-end instrumentation has been possible through students, faculty and management involvement.

Industry Interaction / Collaboration

For fulfilling the aim of skill development within the students and for industry exposure, the college is always trying to collaborate with the academic institutions as well as the industries of the respective fields. The industry personnel interact personally with stakeholders and also guide them by performing the activities or by demonstrations. Industry interaction has also helped the college by having regular on-site visits to the industry campus, observe the working environment. Through signing MoU's or MoA's with the industry for academics, placements and research-based projects, Faculties and the Industry technical

personnel help each other by interactions and problem solving strategies.

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

E-governance area	Details
<p>Planning and Development</p>	<p>VRIDDHI Version 2-A campus Management system (Developed by Hindustan computers, Malegaon) www.vriddhisoftware.com Contact-(02554) 252401/252403/251562 (2015) , AutoLib Aakash Infotech, B -16 Suyog Nagar, 102/4 Shivajinagar, Off Senapati Bapat Road, Model Colony Pune.411016. Sudhir yeola,9422304442, 9822835777, info@akashinfosoft.com, sudhiryeola@hotmail.com, www.akashinfosoft.com (2016)</p>
<p>Administration</p>	<p>VRIDDHI Version 2-A campus Management system (Developed by Hindustan computers, Malegaon) www.vriddhisoftware.com Contact-(02554) 252401/252403/251562 (2015), AutoLib Aakash Infotech, B -16 Suyog Nagar, 102/4 Shivajinagar, Off Senapati Bapat Road, Model Colony Pune.411016. Sudhir yeola,9422304442, 9822835777, info@akashinfosoft.com, sudhiryeola@hotmail.com, www.akashinfosoft.com (2016)</p>
<p>Finance and Accounts</p>	<p>Sensys Technologies Easy TDS Tax Point Sales Corporation 177, Perin Nariman Street bazaar Gate, Near Vt Station ,Mumbai, Maharashtra 400001 Contact no.-022-66278600 022-67231675 email-support@sensysindia.com,Website:-www.sensysindia.com (2009), Tally ERP-9 Balaji Infotech,Baramati,Dist-Pune 413102 Contact-9422331581,9404999296 Emailbalajiinfotechbaramati@gmail.com AdressC/o.Sahyadri Arjunrao pawar House no. 270 ward No.7,opp.Dnyandeep Building Shraram galli,Baramati Dist Pune ,Maharashtra 413102 (2007).</p>
<p>Student Admission and Support</p>	<p>VRIDDHI Version 2-A campus Management system (Developed by Hindustan computers, Malegaon) www.vriddhisoftware.com Contact-(02554) 252401/252403/251562 (2015)</p>
<p>Examination</p>	<p>VRIDDHI Version 2-A campus Management system (Developed by Hindustan computers, Malegaon) www.vriddhisoftware.com Contact-(02554) 252401/252403/251562 (2015)</p>

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	Shri.Shinde Suraj M. Shri.Kolokhe Anil Sopan	BBA C.A. CBCS system	Dr.D.Y.Patil Arts, Commerce and Science College Pune	1400
2019	Dr.Sanjay Kamble/ Ms.Neelima Devi	F.Y.B.Sc CBCS system	MES Abasaheb Garware College, Pune	1600
2019	Miss.Neelima Devi/ Dr.Amarsinh Bhosale	M.Sc CBCS system	Abeda Inamdar College, Pune	1935
2020	Mrs.Nilima Pendharkar	Presented at Two days national conference on Phage- a boon in disguise 2020	Abeda Inamdar College, Pune	2000
2019	Dr. Sanjay Kamble	F.Y.B.Sc CBCS system	Abeda Inamdar College, Pune	1000
2020	Miss. Rupal Doshi	One Day Workshop	Indira College of Commerce and Science Tathawade, Pune	720
2020	Miss.Neeta Nandgude	One Day Workshop	Indira College of Commerce and Science Tathawade, Pune	720
2020	Dr.Rahul Todmal	International Conference	Istambul	30000
2020	Shri. Ravindra Junnarkar	Data Science and Data Analytics State Level Seminar	Annasaheb Magar College, Pune	1000
2020	Miss.Priti Gawade	Data Science and Data Analytics State Level Seminar	Annasaheb Magar College, Pune	900

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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional	Title of the administrative	From date	To Date	Number of participants	Number of participants
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	development programme organised for teaching staff	training programme organised for non-teaching staff			(Teaching staff)	(non-teaching staff)
2020	One day Webinar on use of ICT tools for effective teaching and learning	Nil	28/05/2020	28/05/2020	76	Nil
2020	Webinar on Effective teaching, learning and evaluation using Learning Management System: MOODLE	Nil	08/05/2020	08/05/2020	450	Nil
2019	5 Days workshop on IPR	Nil	14/10/2019	18/10/2019	6	Nil
2020	Covid Awareness and precautionary measures session	Covid Awareness and precautionary measures session	20/04/2020	20/04/2020	119	45
2020	One Day SET/ NET Workshop	Nil	18/01/2020	18/01/2020	13	Nil
2019	Faculty Development program on Python, Joomla, PHP organised by Department of BBA collaboration with "Spoken Tutorial, IIT Bombay ST Software Training" for B.B.A	Nil	20/12/2019	28/12/2019	40	Nil

(Computer Applications) /B.Sc (Comp.Sci.) /B.C.A (Science) Faculty

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
FDP on Comprehensive e-Learning to e-Training Guide For Administrative work	1	25/05/2020	05/06/2020	12
Managing Online Classes and cocreating MOOCs organized by Teaching and Learning Center, Ramanujan College, New Delhi	4	20/04/2020	06/05/2020	17
NSS-Empanelled Training Program, Organised by NSS -ETI Ahmdnagar College, Ahmednagar	1	23/02/2020	29/02/2020	7
Seven Days Training Course on Cultural Studies and Literature Towards Interdisciplinary approach , organized by College Of Arts, Bhigvan	3	19/08/2019	25/08/2019	6
NRDMS-DST Summer School on Geospatial	1	10/06/2019	30/06/2019	21

Technologies, New Delhi				
FDP On E-Content Development, TC College, Baramati, Dist-Pune	3	13/04/2020	17/04/2020	5
FDP on Moodle Learning Management System organized by VPASCC and IIT Mumbai	3	11/06/2020	16/06/2020	7
International FDP on Biological Sciences, Online (NGM College, Pollachi)	1	25/05/2020	31/05/2020	6
E-Content Development with MOOCS in Marathi, SPPU	1	19/07/2019	28/07/2019	9
Effective Way to develop e-Content for Teaching Learning Organized by KTHM College, Nashik	1	21/05/2020	30/05/2020	10
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	Nil	Nil	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> • Provident fund • Gratuity • Financial support for attending /presenting paper at National International Seminars Conferences. • Financial support for publishing research articles in journals. • Encourage research activities with financial 	<ul style="list-style-type: none"> • Provident fund • Gratuity • Group insurance • Accident coverage • Earned leave Encashment • Staff quarters • Uniform for all employees • Food at subsidized rates • Health Insurance- self dependents • Medical Facilities • 	<ul style="list-style-type: none"> Board Of Student Develoment • Earn and Learn Scheme of SPPU To students ,Group insurance • Accident coverage • Book Bank Facility, Hostels for residence on campus ,Uniforms to Students • Food at subsidized rates at Cafeteria and Mess, •

<p>support to faculty and students. • Project grants and support for Hosting Seminars, Conferences and Workshops within the campus. • Research grants / Fellowships for Ph D students. • Group insurance • Accident coverage • Staff quarters • • Food at subsidized rates • Health Insurance- self dependents • Medical Facilities • Transportation Facilities • Recreational and Cultural facilities • Personnel Counseling • Social Security Measures</p>	<p>Transportation Facilities • Recreational and Cultural facilities • Personnel Counseling • Social Security Measures</p>	<p>Physician on campus and Ambulance, Health Insurance- self dependents • Medical Facilities • Transportation Facilities • Recreational and Cultural facilities • Personnel Counseling • Social Security Measures Bus Stop at College and Frequency of buses is satisfactory.</p>
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6.4 – Financial Management and Resource Mobilization

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

The Vidya Pratishthan management has appointed an internal auditor CA Pritam Pahade, Baramati and External Statutory auditor CA Pritam Pahade. Internal audit is conducted quarterly by internal auditor. The external audit is conducted annually by external statutory auditor. The books of accounts are maintained as per government norms. The accounts are maintained by college accounts officer under the supervision of Office Superintendent. The external audit conducts at the end of every financial year. Audit by Funding Agencies: SPPU audits the funds sanctioned to the college under Board Of Student Development, Planning and Development National Service Scheme and Adult and Continuing Education Scheme, Minor Research Projects, Faculty Development Programs, Organization of Conferences and expenditures related to examination. The department of Higher Education carries out audit of salary grants. The grants sanctioned under DBT, DST and UGC are submitted for audit of incurred expenses.

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
Pawar Public Charitable Trust, Rotary Club Bayside Charitable Trust, Pawar Vidya Charitable Trust, Vidya Pratishthans Scholarship, Late Dr Neelam Patil	397610	to avail financial help to meritorius students
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6.4.3 – Total corpus fund generated

64751761

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Null	Yes	IQAC
Administrative	No	Null	Yes	IQAC

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

- PTA is medium to monitor and analyse students academic performance • It also monitors students behavior - attitude of towards teacher, subject being taught.
- It also helps in bringing about interactions between the parents of different student and collectively take decision regarding some specific problems.

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

- Technical skill development training -on regular basis to stay up to date with the latest development in the respective fields.
- Soft skill development training - to improve communication, presentation, problem solving, emotional intelligence, time management and conflict resolution.
- Motivation through workshops on Ethics and Universal values.

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

- Motivating and promoting faculties for rigorous involvement in the transnational research and Innovation project to solve the society need and problems
- Strengthened online admissions, Teaching-Learning and Evaluation facilities and improved academic Results.
- To file for RUSA and Ranking in ARIIA

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
2020	One day Webinar on use of ICT tools for effective teaching and learning organised by IQAC	28/05/2020	28/05/2020	28/05/2020	76
2020	Webinar on Effective teaching, learning and evaluation using Learning Management System: MOODLE	08/05/2020	08/05/2020	08/05/2020	450

	organised by IQAC				
2019	Induction Program to Fresher organised by IQAC	10/07/2019	10/07/2019	17/07/2019	1081
2020	Two Days National Conference on Advanced Functional Materials: Synthesis, characterization Applications" organised by Department of Physics in collaboration with SPPU	03/01/2020	03/01/2020	04/01/2020	210
2019	MANAV Atlas Initiative- Training and Project Awareness in collaboration with IISER, Pune, NCCS, Persistent Systems and Dept Of Microbiology	20/12/2019	20/12/2019	20/12/2019	170
2019	National IMMUNOFEST funded under UBA and organised by Dept. Of Microbiology in collaboration with Microbiologists Society, India	21/09/2019	21/09/2019	21/09/2019	400
2020	National Microbiome Food fest funded under UBA and organised by Dept. Of	10/01/2020	10/01/2020	10/01/2020	900

	Microbiology in collaboration with Microbiologists Society, India				
2019	Two days State Level Pratibha Intercollegiate Elocution Competition organised by Dept. of Marathi	12/12/2019	12/12/2019	13/12/2019	1800
2020	State level Two days seminar on Emerging Technologies In Food Processing And Packaging funded by SPPU and organised by Dept. Of Food Technology	08/02/2020	08/02/2020	09/02/2020	300
2019	Two Days workshop on Personality Development in association with IIT Kanpur organised by Department of Computer Science	06/12/2019	06/12/2019	07/12/2019	230
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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
Aids Awareness and prevention week	02/12/2019	06/12/2019	100	50

		community					
2019	14	8	23/06/2019	1	Guinness World Records Book of Tree Plantation	Environment Sensitivity	100
2020	9	4	07/01/2020	6	Youth Week by NSS	Value education	150
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Vidya Pratishthans Arts, Science and Commerce College, Baramati Students Hand Book	05/06/2019	The functioning of the institution is as per the rules prescribed by governing agencies such as UGC rules and regulations, Maharashtra University Act and SPP university statutes and the respective URLs are mentioned as https://www.ugc.ac.in/oldpdf/ugc_act.pdf https://htedu.maharashtra.gov.in/acts-and-rules/ http://unipune.ac.in/pdf_files/law/teacher.pdf All the rules related to Student's Online Admission process, Reservations, scholarships, Examinations, discipline, RTI and anti ragging are updated in the institutional Brochure, prospectus, College Diaries and on College web site https://www.vpascollege.edu.in

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Orientation programmes on AIDS Awareness	02/12/2019	06/12/2019	150
Pledge for National integration	29/08/2019	29/08/2019	2000
Vidya Pratitishthans foundation Day	16/10/2019	16/10/2019	1000

International Yoga Day	21/06/2019	21/06/2019	525
Independence Day	15/08/2019	15/08/2019	1200
Indian constitutional Awareness Day	21/11/2019	21/11/2019	150
Teachers Day	05/09/2019	05/09/2019	400
Pratibha Elocution Competition	12/12/2019	12/12/2019	1800
Indian constitutional Day	26/11/2019	26/11/2019	150
Blood donation Camp	01/08/2019	01/08/2019	100
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Solid Waste Management: Solid Waste management through vermicomposting and Praparation of Use of organic fertilizers: The campus has steadily increased the amount of waste that is diverted from landfills through reuse and composting. Although progress in waste management is generally measured by diversion rates, the most sustainable action is to avoid the creation of waste. The college has implemented policies and numerous programs designed to reduce or reuse materials. It includes promoting double sided printing, the creation of green guidelines that minimize waste, packaging material reuse programs, chalk recycling programme. The college is moving towards paperless campus. The college has significantly improved its diversion of organic waste. Diverted 70 of Garden, kitchen and laboratory Waste for Vermicomposting.

Energy Conservation: Energy conservation through Solar energy:1. Solar energy Total annual power requirement (in KWH) is 9600 . 76.04Percentage of annual power requirement of the Institution met by the renewable energy sources. Annual power requirement met by the renewable energy sources (in KWH) is 7300
2. Use of LED bulbs/ power efficient equipment: 100 Percentage of annual lighting power requirements is met through LED bulbs. Annual lighting power requirement met through LED bulbs (in KWH) is 1900. Annual lighting power requirement (in KWH) is 1900.

Green and ecofriendly campus:

- Restricted entry of automobiles: Spacious Parking Facility
- Use of Bicycles/ Battery powered vehicles: Several staff members and students are using bicycles. It helps to reduce air pollution and minimizing use of cars and bikes.
- Pedestrian Friendly pathways: The campus supports internal connectivity and mobility through well planned pedestrian friendly roads.
- Ban on use of Plastic: The College thrust on plastic free campus, with a special focus on reduction and ultimately elimination of plastic bottles, straws, utensils and plastic food packaging.
- landscaping with trees and plants: The college campus has total area of 27 acres decorated and landscaped with foliage and ornamental plants (trees, shrubs, climbers and herbs).

e-Waste Management: The e-waste generated in college campus is collected and stored by Department of Electronics which is further handed over to certified vendor Chroma Technology Pvt Ltd.for reuse and recycling.

Water Conservation: Water conservation through wells, drip irrigation, sprinklers and Rainwater harvesting, Sewage Treatment and Recycle of Water for irrigation: The waste water includes gray water from wash basins, lab basins,

pantry and black water from toilets. Out of that gray water along with other gray water of Vidya Pratishthan campus goes to sewage plant through centralized system. The total waste water generated based on pumped quantity is 12800 liters/day. Waste water generated by VPASC based on water audit is 15618 liters/day. In our campus, rain water available from roof tops of buildings, paved and unpaved areas is recharged to aquifer. The rain water harvesting system is designed in such a way that it does not occupy large space for collection and recharge system. The rain water collected from roof top of approximately 5000 sq.ft. area of college laboratories and class room buildings. The water is collected in 2 bore wells. As a result water level has increased for utilization. These measures have increased infiltration of rain water in the subsoil which decreased drastically in college campus due to paving of open area. Waste water recycling: The institute houses sewage treatment plant with capacity 2 lakh liters per day for treating daily influx of 50,000 liters of liquid waste generated by laboratories, hostels, and residential areas, 50 of the recycled water is used maintaining greenery in the campus via drip irrigation. The Waste disposal activities are guided and maintained by staff and students. The entire campus is facilitated with underground network of pipelines for potable and non-potable water. Storage capacities within the campus holds up to 10 lakh liters of water in tanks and wells, providing the same to laboratories, hostels, residential areas and the campus. Through the underground pipeline systems, around 6000 liters of water per day is supplied to the hostels with reverse osmosis systems to provide potable water, while drip and sprinkler system has been installed for maintaining greenery of the campus.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice I Title: Celebrations of 150th Birth Anniversary of Mahatma Gandhi Objectives: 1. Commemorating 150th anniversary of Gandhiji 2. To propagate the thoughts of Gandhiji. 3. To reflect the image of Gandhiji as a freedom fighter, sculptor of society, for better India free of caste, religion, economic and gender prejudices. 4. To implement Gandhian thoughts extrapolated to swachhata, rights of children, women and well being of villages, Indian Farmers. The Context : Institute has decided to celebrate 150th Birth Anniversary of Father of Nation as karyanjali not as a shradhanjali. Vidyadeep, a college magazine awarded Best prize 10 times in the history of college. This year it is dedicated to "Gandhian thoughts and his works". Writing from covering page, all student centric activities like essay writing, elocution, articles are focused on the Gandhi work and thoughts. N.S.S., Student development and college committees also focused their activities on the same theme. Workshops, symposia, group discussions and other cultural activities are also conducted revolving around the same sphere. The institute has stressed that all programs associated with these celebrations should be designated to the theme of Gandhi in action. The institute integrates cross cutting issues relevant to the professional ethics, gender and human values into the curriculum as per the guidelines of SPPU. The Practice: 1. Vidyadeep, the college magazine is based on the theme - "Gandhi vichar" 2. Dept. of Physics had conducted one day: "student solar ambassador workshop" under the program Gandhi global solar Yatra (www.ggsy.in) of I.I.T, Mumbai on 2nd October, 2019. 125 students participants were involved in this workshop. Every student assembled was given a solar lamp with a kit, along with a certificate awarded by I.I.T, Mumbai. 3. Students participated in Guinness Book of records for tree plantation for SPPU with a participation of 95 students and 5 teachers on 23rd June, 2019 with a total of 6,00,000 plantations done by all volunteers at University level. 4. Campus Cleanliness drive with 200 volunteers has been conducted on 7th July, 2019 at play ground, parking, college premises,

cafeteria. 5. Tree plantation of 200 plants, with sapling and conservation was done at Jalochi village on 8th July, 2019. 6. Celebration of Nutritious Awareness week in Vidya Pratishthan Marathi Medium School was conducted from 28th September to 30th September, 2019. 7. Orientation program by Ms. Vishaka Polaskar and Mr. Sunil Zagade and rally on World Aids day for prevention week in collaboration with Rui Gramin Hospital from 2nd December to 6th December, 2019. 8. Road safety week in collaboration with traffic control cell, Baramati is conducted on 17th January, 2020. Under NSS for 250 participants through lectures and awareness activities. Short film was also displayed and open discussion on occasion of Ek Bharat Shreshta Bharat program on 18th January, 2020. 9. Gender sensitization at all spheres is maintained through relevant activities hosted by NSS and Board of Student Development. The activities such as guest lectures, robust trainings on women empowerment. Special attention is given to the grievances of girls. Attention is also given towards health orientation, health checking, sanitary napkin vending machine, safety, security and counseling of girls. 10. The theme of Mahatma Gandhi's 150th birth anniversary is also been implemented and reflected in the college extracurricular activities such as cultural programs, street plays and through patriotic songs and dance competition. 11. Youth week was celebrated on the occasion of birth anniversary, spiritual guru of modern India, during 7th to 12th January, 2020. In this program, institute organized street plays on the subject of "Gram swacchata", awareness about Indian constitution, anti superstitions, anti corruption etc., which follow the Gandhian principles. 12. Ek Bharat Shreshta Bharat Abhyan, this abhyan aims to enhance the interaction and promote mutual understanding between people of different states through the concept of state pairing. All states carry out activities to promote sustainable and structured cultural connect in the area of language learning, culture, tradition, music, tourism, sports etc. As a part of this activity and the guidelines provided by GOI. The institute has organized a short film show on Odissa culture and tradition. Quiz was conducted on culture of Odissa. 13. Swacchata campaign was conducted for 2 weeks during 1st to 15th August, 2019. Plays regarding swacchata were portrayed by the students for the awareness to public on swacchata. Campus and nearby places are cleaned by the volunteers of NSS. Note: All these events should emerge to increase awareness about Gandhiji at National and global level. Best Practice 2: Personality and Leadership development Objectives: • Education primarily focuses on holistic personality development with leadership flare to it at higher education strata. • Skill Development with personality is the best combination for career success and to seek a better position in the present competitive world. • Holistic personality of an Indian, is the constitutional provision granted under the basic principles of Indian Constitution. • To create leaders through oratory skills, societal introspection, inclusive approach, working in and above group and communication with personality. The Context: • College placed in rural area, invites students from agricultural and industrial background with less exposure to personality development. So to groom these students for a profound appeal in personality and leadership in society. • Student participation in Gram panchayats for society development with involvement in all spheres. • In the present scenario of globalization for success in career students personality and leadership is the prime area to develop. • Success in competitive exams of civil services is greatly dependent on holistic personality and leadership qualities. • NSS is of core attraction among our college students with a strong network of villages, N.G.O.s, social activists, political leaders and organizations. To inculcate leadership among students in leading societal activities. The practice: • State Level Elocution Competition named as "Pratibha Elocution Competition" organized by Department of Marathi since 18 years. • State Level "Mahatma Kabir Elocution Competition" organized by Department of Hindi since 15 years. These elocution competitions are very famous in Maharashtra state. • National Service Scheme (NSS) program is sphere

heads several activities like street plays, Celebration of teachers day, youth week, constitutional day, electoral enrollment, National Reading Day, election volunteers, world AIDS awareness week, National Constitutional rights awareness week, NSS day and other related activities. • Land mark activity of Harit dindi at Pandharpur Yatra is a major activity amongst students with 125 student volunteer participation. • Board of Student Development (BSD) catalyzes several student centric activities as workshops, seminars, guest lectures and training programs on gender sensitization, career counseling, skill development, start ups, innovations, modi lipi and others. • Our students are also introduced to a profound and highly admirable activity organized by S.P.P.U. under Extra mural Baristor Babasaheb Jaykar Vykhyanmala. • Competitive Exam Guidance Cell committee is highly motivated and dedicated to organize guest lectures by Mr. Pandurangh Chormale, IPO services, Deputy Collector and others to motivate students. • "Kirtan" activity is a medium of mass communication for advocacy of moral values which is very popular in Maharashtra. Prof. Achyut Shinde has trained the NSS volunteers on "Sathaveela Hari". • Prof. Digambar Padulkar delivered motivational speech on "Raje Sambhaji", the great warrior and ruler of Maratha empire in Maharashtra for molding students to leadership. • Dr. Rajkumar Bichkar, principal, VPCOE, delivered talk on Youth empowerment to NSS students. • Institute conducts various fine arts activities for shaping extra curricular development, by organizing dance, acting, drama, one act play. An activity workshop was conducted by our former student Mr. Sushant Kakade, Marathi Movie Actor and Mr. Swapnil kuchekar, Co-director of Marathi Movies. • Short Film making workshop for interested and future film making enthusiasts with Prof. Sharad Gore, famous Marathi film Director and Miss. Swati Kadu, Marathi film actress. • In order to develop leadership activity among girl students at state and National level activity like State Republic Day Parade, Miss Chandarani Khalate on 26th January 2020. • Earn and Learn scheme was successfully implemented and carried out during 2019-20 by Student Development Board formed by Institute for 60 students to support student studies financially. • College organizes the celebration of significant days of birth and death anniversary of Rajarshi Shau Maharaj, Chattrapati Shivaji, Rajmata Jijau, Mahatma Gandhi, Savitribai Phule, Swamy Vivekanda, Mahatma Phule, Dr. Babasaheb Ambedkar, Dr. Abdul Kalam, Pandit Jawaharlal Nehru, Lal Bahadur Shastri, Anna Bhau Sathe, Yashwant Rao Chavan and Maulana Abul Kalam Azad to motivate students by their autobiography and contributions to the society. • Days of national and international significance like Yoga day, teachers day, Constitutional day, National Reading day, Mahila mukti din, Marathi divas, National Science day, Mahila din, Maharashtra din, vasundhara din, Matrubhasha divas, world AIDS awareness day, World wild life conservation, Biodiversity day, World health day, National Literacy day, Mathematics day, Student day, world wetland day, Mahaparinirvan din to inculcate values on social, ethical and moral principles of human life and to motivate and cultivate towards help to fellow citizens. • Student representation is made in all spheres of administration like student council, CDC, IQAC, class representatives, Vidyadeep magazine editorial board.

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

http://vpasccollege.edu.in/best_practices_2019_2020.php

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

Gender sensitization through equality and empowerment Vision: "Mulgi shikali, pragati zhali" the motto of Maharashtra in imparting education to girls in all strata has been the vision of the college. It is of prime importance for the up

liftment of society in terms of education. The college is Co-education College it primarily focuses on gender equality. Gender sensitization is the prime focus of the college practiced in all spheres by the stake holders of the system. This vision of the college is brought to action as follows: 1. To assess gender equality existing in different spheres and to analyze factors governing gender equality. 2. To establish gender equality through gender sensitization programs. 3. To inculcate a conducive atmosphere for girls to be fearless, confident, focused and achievers in all fields for being the pride of college and parents. 4. Encouraging girl student enrollment in higher education to achieve high National literacy rates and to contribute for country's development. 5. To achieve huge student progression amongst girls for higher studies as career opportunities. Priority: Institution Vidya Pratishtan is reputed for women representation in all spheres from management to students. The institution strives to access gender equality existing in different areas and to analyze the factors governing this attribute. It always strived in its functioning for Gender empowerment and harnessing their potential for embarking success of organization. Enrollment ratio of girls has been remarkable since last 7 years with 55 of dominance. Merit rankers of all programs at college and university level are represented by girls. The incorporation of Women Faculty in each committee, programs, IQAC, CDC, and other steering committees denote the gender equality being given priority. The safety of women is of prime priority for the management so special facilities like ladies room, study room, gym, dining are provided to girls. To make the girls aware of their rights and to impart knowledge of bylaws, counseling sessions by legal advisers are arranged. These lectures are arranged every year by internal complaint committee for women, Sexual Harassment Prevention, Prohibition and redresser at workplace committee and anti-ragging committee. In the spheres of cultural activities and sports girls achieved grand success. Their active participation in Youth Festival and various competitions shows their ability. The achievements in several Districts, State Level Cultural Competitions prove their cultural heritage. Thrust: It is found that the V.P.A.S.C. College, Baramati has reached its landmark in attaining gender equality and is on the correct path of gender sensitization, women empowerment in all the spheres of its system. Sterling Programs like Nirbhay kanya Abhyan activities like Awareness on women rights, women security and women health delivered by domain expertise. Girl students are encouraged to participate in programs like "Swayamsiddha yuvati mahotsav" learning self protection, leadership and empowerment. Enrollment ratio is very high of girls with 65 seen in this academic year. 95 merit rankers at college and university examinations are represented by girls. Statutory committees shows 70 percent participation, is a landmark achievement to support the vision.

Provide the weblink of the institution

http://vpasccollege.edu.in/igac_documents/20_21/Institutional_Distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

New Vistas through academic Programs/courses: To start for International Degree program B.Sc. Blended Program and new courses of B.Voc. Fashion Technology and Software Development to initiate as per UGC NSQF, 25 skill development courses, and certificate courses. Online platforms and opportunities in Teaching-Learning and Evaluation: Strengthen Transformational Learning, online teaching-learning through ICT facilities, Smart Classrooms, Virtual Laboratories and e-content development under Covid pandemic uncertainties. Mapping Student Competencies, higher-order skills, and professional skills. Academic excellence through collaborative Research and Extension: Undertaking International and National Conferences/Webinars/Seminars/Workshops catering to the interdisciplinary need. Increase the research and innovation outcome under the Covid crisis through

collaborative research funding, patents, and publications with the thrust of sustainable rural development mediated by Institutions' Innovation Council.

Infrastructure Development: To accelerate digital innovation, promote and strengthen ICT facilities in all spheres with respect to Outcome-based Learning, LMS, e-content development, Skill Development Center, online Placements, and IT Incubator Center facilities. Student Development in Sports and Cultural Programs and Resources to strengthen, socialize and intellectualize Student Council and My VPASCC Alumni Association. Institutional growth through creative, competent, and skilled Faculty. To make quality the defining element with quality evaluation, promotion, and sustenance initiatives. Propose For academic Autonomy, Innovation, Ranking at National level and ISO Filing.