



IQAC Report (2020-21)

<u>Principal</u>	: Dr. Bharat Shinde, M.Sc., Ph.D., SET
<u>IQAC Coordinator</u>	: Mrs Nilima B. Pendharkar, Associate Professor and Head
<u>Year of Establishment</u>	: 1994
<u>Financial Status</u>	: Grant-in-aid (Government aided College with 2(f) and 12 B, under Higher Education)
<u>Affiliating University</u>	: Savitribai Phule Pune University, Pune
<u>By Gender</u>	: Coeducation
<u>Location</u>	: Rural
<u>Education</u>	: Under Graduate, Post Graduate and Ph.D.
<u>Accreditation Details</u>	:

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	A++	87.51	2003	from: 16-Sep- 2003 to: 15-Sep-2008
2	A+	3.38	2011	from: 30-Nov-2011 to: 29-Nov- 2016
3	B++	2.88	2018	from: 02-Nov-2018 to: 01-Nov-2023

Functional College Website : www.vpasccollege.edu.in

Institutional data submitted to AISHE : Yes

College Accolades:

- 1.College is eligible to receive financial assistance as it is included under section 2 (f) & 12(B) of the UGC Act 1956,1999, 2002
2. NAAC accredited with "A" grade (87.51100) in the first cycle,2003
3. Received "Best College Award" from SPPU Pune,2004
4. Recipient of "Vanashree" Award from Government of Maharashtra,2006
5. Extension of NAAC accreditation of the first cycle for 2 years (2008-10),2008
6. DBT STAR College Scheme sanctioned,2009 To 2014
7. NAAC Reaccredited with "A" grade (3.3814) in the second cycle,2011
8. DBT Star College extension received IstPhase ,2014 To 2016
9. DBT Star College extension IIndPhase – STAR STATUS,2016 To 2019

- 10.DST- FIST grant ,2016 To 2019
- 11.Received Second Rank at National Level in Institutional Swachhta Ranking of HEIs organized by MHRD, New Delhi.,2017
- 12.NSS Programme Officer has been honored with Best NSS Officer Award by the SPPU, Pune,2014
- 13.College Magazine Vidyadeep got first, second, third and consolation Prizes from SPPU Pune,2013, 2014, 2015, 2016,2018
14. College Magazine Vidyadeep got third Prize at State level by Yashwantrao Chavan Pratishthan,2017
15. NAAC Reaccredited with "B++" grade (2.88) in the third cycle,2018
- 16.Department of Forestry, Gov. of Maharashtra, 2013
- 17.DBT Project, Rs 8 Lakhs, 2018
- 18.SERB DST, Rs 29.14 Lakhs, 2015
- 19.Institutional Swachchata Ranking Rank-II at National Level by MoE, GoI, 2017.
- 20.B.Voc. Food Technology Funding under NSQF by Ministry of Education, GoI. 2018-2021
- 21.,Rashtriya Uchchatar Shiksha Abhiyan (RUSA) by UGC, Department Of Higher Education, Ministry of Education, GoI.,2019
- 22.Unnat Bharat Abhiyan2.0 by UGC, Deptt Of Higher Education, MoE, GoI.,2018 To 2020
- 23.National Achievement in Innovation: 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 by UGC, Department Of Higher Education, Ministry of Education, GoI.,2020
- 24.Quality management System ISO 9001:2015 by BREIT Qualis Certification (UK) Limited, Certification Number 4229, Issue date:20/03/2021,2021To 2024

Programs Offered Highlights:

- ❖ Vidya Pratishthan's Arts, Science and Commerce College Baramati, Dist. Pune has a beautiful sprawling campus with state-of-the-art infrastructure in higher education to rural and socially underprivileged and financially weaker students.
- ❖ The College is offering Junior and Senior College education with 24 Undergraduate programs, 9 Post Graduate Programs, Two Ph. D. Programs, one post graduate diploma course, 14 certificate courses and Six monthly 5 Skill Development courses.
- ❖ The college has Credit and Outcomes based 32 traditional and professional Teaching Programs under aegis of Savitribai Phule Pune University, Pune

- ❖ Vocational Education: Ministry of Education, GoI- UGC Grant: College received the financial support for B. Voc. Food Technology Program under UGC –NSQF. A grant of Rs. 104.5 Lakh for period of three years (2018-21).
- ❖ Skill Development Courses: IT Laboratory under MoU with Curiosity Automotive Pvt Ltd of Rs 35 Lakhs for 25+ Skill Development Courses.
- ❖ International Academic Program: Melbourne University, Australia. B.Sc. Blended biology Program under SPPU.

A. Senior College: Under Graduate:26 Programs, Number of Courses: 716

Sr.No.	Faculty	Programs offered		
1.	Science	1.B.Sc. Physics	2. B.Sc. Chemistry	3. B.Sc. Microbiology
		4. B.Sc. Botany	5. B.Sc. Zoology	6. B.Sc. Statistics
		7.B.Sc. Mathematics	8. Electronics	
2.	Arts	1.B.A. English	2. B.A. Marathi	3. B.A. Hindi
		4. B.A. History	5. B.A. Geography	6.B.A.Political Science
		7.B.A. Psychology	8. B.A. Sociology	9. B.A. Economics
3.	Commerce	1.B.Com.Accountancy	2.B.Com.Banking &Finance	3.B.Com.Business Economics
		4.B.Com. Marketing Management	5.B.Com. Comp. Programming and Application	6. B.B.A. (CA)
4.	Science	1. Computer Science	2. Biotechnology	3. Computer Application
5.	UGC's Vocational	1. B.Voc. (Food Technology)		
6	Skill Development Courses ETH and SPPU certified 6	1. British Council Spoken English Course- 1050 Beneficiaries, 357 Pass 2.Tally ERP 9.0 course 3.C Language, C++ 4. Djanko Python		

C. Senior College: Post Graduate: 06 Programs

1. M.Sc. Biotechnology	2. M.Sc. Computer Science	3. M.Sc. Microbiology
4.M.Sc. Analytical Chemistry	5. M.Sc. Zoology	6. M.Sc. Physics

D. Senior College: Ph. D. : 02 Programs

1. Biotechnology	2. Physics
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Total Student Enrolment: 3605

A) Senior College – Under Graduate-3339

Sr. No.	Class	No. of Divisions	Intake Capacity	No, of Admitted Students
1	F.Y.B.A.	3	360	283
2	S.Y.B.A.	2	240	258
3	T.Y.B.A.	2	240	191
4	F.Y.B.Com.	2	240	254
5	S.Y.B.Com.	2	240	263
6	T.Y.B.Com.	2	240	215
7	F.Y.B.Sc.	2	240	205
8	S.Y.B.Sc.	2	240	232
9	T.Y.B.Sc.	2	240	227
10	F.Y.BBA	1	80	63
11	S.Y.BBA	1	80	79
12	T.Y.BBA	1	80	77
13	F.Y.BCA	1	80	87
14	S.Y.BCA	1	80	91
15	T.Y.BCA	1	80	50
16	F.Y.BCS	2	160	167
17	S.Y.BCS	2	160	169
18	T.Y.BCS	2	160	144
19	F.Y.B.Sc. (Biotech.)	1	45	49
20	S.Y.B.Sc. (Biotech.)	1	45	48
21	T.Y.B.Sc. (Biotech.)	1	45	42
22	F.Y.B.Voc. (Food Tech.)	1	50	50
23	S.Y.B.Voc. (Food Tech.)	1	50	48
24	T.Y.B.Voc. (Food Tech.)	1	50	47
Total UG				3339

B) Senior College - Post Graduate-266

S. N.	Class	No. of Divisions	Intake Capacity	Admitted
1	M.Sc.I Chem.	1	24	26
2	M.Sc.II Chem.	1	24	23
3	M.Sc.I Micro.	1	24	26
4	M.Sc.II Micro.	1	24	24
5	M.Sc. I Phy.	1	24	09
6	M.Sc.II Phy.	1	24	17
7	M.Sc.I Zoo.	1	24	12
8	M.Sc.II Zoo.	1	24	21
9	M.Sc. I Comp. Sci.	1	30	33
10	M.Sc. II Comp. Sci.	1	30	27
11	M.Sc. I Biotech.	1	24	25
12	M.Sc. II Biotech.	1	24	23
Total				266

Student strength (Gender wise distribution):2020-2021

Students	Grantable				Total		Non Grantable				Total		Grand Total	
	Boys		Girls				Boys		Girls					
	19-20	20-21	19-20	20-21	19-20	20-21	19-20	20-21	19-20	20-21	19-20	20-21	19-20	20-21
UG	452	540	787	809	1239	1349	927	986	954	1004	1881	1990	3120	3339
PG	-	-	-	-	-	-	60	66	217	200	277	266	277	266
Total	452	540	787	809	1239	1349	987	1052	1171	1204	2158	2256	3397	3605

Staff Strength (Gender wise distribution): 2020-2021: 115 out of 109 sanctioned

Interdisciplinary courses:

- Environmental Awareness
- Democracy, Election and Governance
- Certificate Course in English
- Induction/Orientation Programme
- Value Education
- Gender Sensitivity

Highlight Activities:

- Vriddhi Online Academic Management System
- Remedial Teaching
- Mentor-Mentee System
- Virtual Training of Teachers for online Teaching
- e-Content Development by Faculty for SPPU
- Recognized Research Center in Physics and Biotechnology under SPPU
- Regional Research Center for SPPU with Funding received
- Affiliation for International Degree Program B.Sc. Blended Biology
- Skill Based Professional courses to Students
- CBCS Semester based syllabi as per affiliating University
- G Suite For Online Teaching Platform

Result Percentage AY 2020-2021:

Programme name	Number of students appeared	Number of students passed	Pass Percentage
B.A.			
Marathi	9	8	88.88
Hindi	9	8	88.88
English	27	26	96.29
Geography	46	46	100
History	37	36	97.29
Politics	16	13	81.25
Sociology	18	18	100
B.Com			
B.Com	216	186	86.11
B.B.A(C.A)			
B.B.A(C.A)	76	76	100
B.Sc. Comp.Science			
B.Sc. Comp.Sci	144	144	100
B.Sc. Biotechnology			
B.Sc. Biotech	42	42	100
B.C.A Science			
B.C.A Sci	49	49	100
B.Sc.			
Chemistry	65	65	100
Physics	23	23	100
Mathematics	11	11	100
Statistics	31	29	93.54
Zoology	33	33	100
Botany	21	19	90.47
Microbiology	38	38	100
M.Sc.			
M.Sc. Comp. Sci	26	26	100
M.Sc. Micro.	23	23	100
M.Sc. Chem.	23	23	100
M.Sc. Biotech	23	23	100
M.Sc. Physics	17	17	100
M.Sc. Zoology	21	21	100
B. Voc.			
Food Technology	47	47	100
Total	1091	1050	96.24

NET/SET Qualified Staff and Students: 09

- Kadam Shweta Ashok, NET
- Shendge Suhas Popat, NET
- Deshmukh Akshada Ashokkumar, NET
- Shelke Anagha Pandurang, SET
- Bhosale Shailesh Gajanan, SET
- Shende Dipika Sarjerao, SET
- Deshmukh Akshada Ashokkumar, SET
- Khade Mayuri Suhas, SET
- Shende Dipika Sarjerao, GATE

Ph.D. Degree Awarded to Staff and students:

Ph. D. Degree Awarded to Students from SPPU, Pune under the guidance of VPASC College Staff:

Dr. Ghadge S.M. (History), Ph. D. Guide

- Kazi Hamid Umarali, Ph.D., □□□□□□ □□□□□□□□□□□□□□□□ □□□□□□: □□□□□□ □□□□□□ □□□□□□ □□□□□□, July 2020 SPPU, Pune
- Shaikh Kadir Kasam, Ph.D., □□□□□□ □□□□□□□□□□ □□□□□□ □□□□□□ □□□□□□, September 2020 SPPU, Pune
- Shirsat Surendra Arjun, Ph.D., □□□□□□ □□□□□□ □□□□□□ □□□□: □□ □□□□□□ □□□□□□, November 2020 SPPU, Pune
- Bhagavat Kishor Raghunath, Ph.D Registration & Ongoing. □□□□□□□□□□ □□□□□□ □□□□□□ □□□□□□, SPPU, Pune.

Dr. Rajendra Khairnar, Ph. D. Guide

- Nandadevi Borse, Ph.D. Shashiprabha Shtrike Upnyas : Ek Adhyayan, 24.11.2020

Dr. Kolapkar M.M., Ph.D., Observation of microclimatic parameters in greenhouse using an intelligent microcontroller based embedded system, January 2020 Dr. Babasaheb Ambedkar Marathwada University Aurangabad , (M. S.) India.

Awards / Recognition received by Institution/Departments .

- Dept.of Physics, National Graduate Physics Examination Centre,Baramati Taluka level, Indian Association of Physics Teachers (IAPT), Recognition
- Dept. of Physics, Ph.D.Physics Research Center recognition, SPPU, Pune
- Dept. of Biotechnology, Ph.D.Biotechnology Research Center recognition , SPPU, Pune
- Dept. Of Microbiology, MANAV Science Quiz on Corona, Top scoring College at National Level for scoring, IISER, Pune, Certificate

Awards / Recognition received by faculty:

- Dr Bharat Shinde, Outstanding Principal of the Year Award, International Education Summit and Awards held at Bangkok, Thailand, Memento with Certificate
- Dr Bharat Shinde, Ph.D.Research Guide in Biotechnology, University Level, SPPU, Pune, Recognition
- Dr.Jayashree Bagawade, Ph.D. Research Guide in Physics, University Level, SPPU, Pune, Recognition
- Mrs. Nilima B. Pendharkar, Coordinator, SPPU, University Level, Microbiologists Society, India, Recognition
- Dr. Rajesh Sharma, Best and Dedicated teacher, College Level, Rotary Club of Baramati, Certificate of Appreciation
- Ms. A. Neelima Devi, Coordinator, Microbiolympiad 2021, College Level,, Recognition as coordinator
- Mr.Kakade V.J, Corona Warriar 2020, National Level, Vishakha Foundation, Delhi, Memento and Certificate
- Mr.Kakade V.J, Corona Fighter Award 2020, National Level,Mahavir International, Mumbai, Memento and Certificate
- Dr Rahul Todmal, Ph.D. Research Guide in Geography, University, SPPU, Pune, Recognition
- Mr Shekhar Phadtare, Young Achiever Award-2021,National Level, International Journal for Modern Trends in Science and Technology, Medal and Certificate
- Dr Mangesh Kolpakar, Best Research Paper Award, National RTIPR conference held and organized by Dr. Babasaheb AmbedkarMarathwadaUniversity, Aurangabad)

Student's Achievements: Awards/Certificates/Prizes received:

- Bobade Rutuja Shivaji, Award of Prize at the B.Com. Exam March/April 2019,University SPPU, Pune, The Bank of India Ltd.The Nagar District Urban

Central Co-operative Bank Ltd., 1)The Bank of India Ltd. Prize of Rs 1000, 2)The Nagar District Urban Central Co-operative Bank Ltd. Prize of Rs 1300, 3)The Late Shri Anant Rangnath Kanade Memorial Prize of Rs 1200

- BA, National level online Essay writing competition , the Winner, National level, Sh. L.N. Hindu college, Rohtak(HP), Certificate and Rank-III
- Ms Rajashree, Best Student in UG Category , College Level, Microbiologists Society of India, Memento and certificate
- Ms Prajakta Pharate, MSc II Microbiology, Best Student in PG Category, College Level, Microbiologists Society of India, Memento and certificate
- Ms. Parbat Vaishnavi, T.Y.B.Sc. Physics, Center Topper (Rank I)at the National Graduate Physics Examination -2021 (NGPE) held at VPASCC, Baramati, National Indian Association of Physics Teachers, Certificate
- Ms. Keskar Sakshi, S.Y.B.Sc., Center Topper (Rank I)at the National Graduate Physics Examination -2021 (NGPE) held at VPASCC, Baramati,National Indian Association of Physics Teachers, Certificate
- Ms.Smarnika Sanjay Dubal, Third Prize, District Level online Essay Competition,Students Federation of India, Certificate and cash Prize
- Ms. Shardha D Rajgurav, Third Prize State Level online Essay competition, Vanvihab, Junnar, Maharashtra Govt., Certificate, Memonto, and Cash Prize
- Ms.Smarnika Sanjay Dubal, Third Prize, District Level online Essay competition Rotary club of Mumbai, Certificate and cash Prize
- Ms. Pragati Mohite, Third Prize, Experimental Biology competition, VIIT, Certificate of Appreciation
- Mr.Jagtap Koustubh Amol, Chemistry, 73 Km Cycle Ride , Taluka Level , Baramati Club Virtual Challenges-2020
- Mr.Jagtap Koustubh Amol, Chemistry, 81 Km Cycle Ride, Taluka Level, Baramati Club Virtual Challenges-2020
- Mr.Jagtap Koustubh Amol, Chemistry, Gold Ride Category, Taluka Level, Cycling Club, Appreciation Certificate
- Ms.Waghmode Rajashri, Chemistry Combating Covid19,College Level, Chennai, Appreciation Certificate
- Ms.Waghmode Rajashri, Chemistry, Quiz Contest , State Level, Jaipur, Rajasthan ,Appreciation Certificate

N.S.S. activities.

- N.S.S. Foundation Day: Inauguration of NSS unit was done for year 2020-21 by the Principal of the college on 25/09/2020. Orientation Programme for the 230 volunteers
- National Education Day: Lecture from Dr. Shirpure Sankar was organized on National Education Policy 11/11/2020.60 faculty members and Students
- Pledge for Integrity: Online programme for integrity pledge was organized for the college staff on 26/11/2020. More than fifty members took the pledge for integrity.
- On the occasion of ‘Sanvidhan Din’ a speech by Dr. Suresh Waghmare, Principal, Rajarshi Shahu College, Latur was organised. More than 200 volunteers attended this programme.
- 25/01/2021 Two sessions by Consumer Guidance Society of India (CGSI) were organized. First session was from 9.30 to 11. Tirtharaj Pandey, Project Manager (CGSI) delivered the talk on consumerism. U.G. Suresh Kamath guided on Financial Literacy. Students and Non-Teaching staff attended this session. More than 160 members get literate about finance management and consumers rights. In second session Dr. Hadeep Kaur and Trupti Raul talked about Financial Literacy and Consumerism respectively. 150 members were benefitted for investment literacy and rights of consumer.
- 25/01/2021 National Voters Day Following to above mentioned session all participants took oath of free voting provided by National Election Commission.
- 08/03/2021 International Women’s Day On this occasion in collaboration with Women’s Organization of the College the inspirational talks were arranged for girls and faculty of the college. S.P. of the Solapur district and our ex-student Ms. Tejaswini Satpute delivered the talk on women empowerment. Dr. Kirti Pawar literate the participants about health issues and also inspire them to achieve the goals in any situation. More than 200 participants took advantage of the experiences of both the speakers.
- During first wave of pandemic all the volunteers participated in COVID survey and made the people aware about the COVID and precautions to be taken. They made the masks and distribute to the people in their vicinity of residence. All 250 volunteers reached to 4000 families around their homes.

Student's Achievements: 1100 Students Received Scholarships-EDC Scholarship, Savitribai Phule Merit Scholarship, Zapake Prajakta Rajendra, T.Y.B.Sc., Inspire Scholarship

BOS Members:

- Dr. Bharat Shinde, Member, BOS Botany, SPPU, Member Senate, SPPU
- Dr. Rajendra Khairnar, Member, BOS, Hindi, SPPU, Member of BOS, Modern College Pune, Member of BOS, SP College, Pune, Member of BOS, TC College, Baramati, Member of BOS, Sangamner College, Sangamner
- Dr. Hanmantrao Patil, BOS, Botany, KBP College, Pandharpur

Major Highlights:

Funding Received:

- UGC B.Voc. Grant: College received the financial support for B. Voc. Food Technology course under UGC –NSQF.). A grant of **Rs. 104.5 Lakh** for period of three years (2018-21).
- SPPU Pune Grant-College has received funding of Rs. 5 Lakh for Earn While Learn scheme from SPPU, Pune.
- SPPU Pune Grant-College has received Regional Research Grant for purchase of equipment during 2020-21.

MoUs and Linkages signed:40, New MoUs -03

- ❖ Mr. Ghadge MOU worth 35 Lakhs CURIOSITY AUTOMATION OPC PRIVATE LIMITED, In this endeavour, the First Party has started indulge in the business of promoting “Digital India” a Scheme under Ministry of Electronics and Information Technology. CAOPL shall provide British Council Spoken English Registration ID and Certification for all the registered Candidates at Free of Cost. CAOPL will also provide Digital Literacy and Computer Course Certification for all the Registered Candidates. In addition CAOPL will also provide MS Office and Libre office Computer Course Certification for all the Registered Candidates. Rs. 35 lakhs.

Seminars/Conferences/ Workshops/Symposia/Lectures/Activities organized :

- Pratibha Intercollegiate State level Elocution Competition, 12th and 13th Dec 2020, 170 Participants
- Vachan Prerana Din,
- Marathi Bhasha Din
- Rashtriya Vachan Din

- Consultation day, College, 20 November, 2020
- NGPE Exam in collaboration with IAPT, National, 16/10/2020, 50 participants
- One Day online International level STUDENT Solar Ambassadors workshop under Gandhi Global Solar Yatra organized by college, Department of Physics in collaboration with IIT, Mumbai., International, 2/10/2020, 711 participants
- Science Day online webinar by Dr Prakash Wadgaonkar in collaboration with NCL, College, 28/02/2021, 100 participants on Google Meet
- Workshop on Diagnosis of Covid-19 PCR way, organized by Department of Biotechnology, 15/02/2020, 160 UG and PG students
- Webinar on “Human Genome Atlas Initiative” organized by Department of Microbiology in association with IISER, Pune, College, 23/07/2021, Rs 1000/-, IISER,Pune, 40 participants.
- One Day Webinar on “Molecular Modeling in Biological Sciences” organized by Department of Microbiology, National Level, 25/01/2021, 250 participants.
- International Webinar on “New Frontiers in Space Microbiology and Career Opportunities in UK, International Level, 09/03/2021, 250 participants.
- International Webinar on “Synthesis of Nanoparticles: Present and Future” ,Department of Microbiology, International Level, 18/04/2021, 250 participants.
- One Day Webinar on “Concept of Scientific Writing” Department of Microbiology, College Level, 20/04/2021, 70 participants.
- National level FDP on MOODLE-LMS with IIT Bombay and VPASCC, National Level 6 Days FDP, 11th -16th June, 2020 , IIT Bombay, 47 participants.
- 30 Days Full Time Workshop on “Python Programming”, University, 01/08/2020 to 30/08/2020, University Level, Agricultural University, Rahuri Krishi Vidyapeeth,
- One day Webinar on “Restructuring of S.Y.B.Sc. (CBCS pattern) Botany syllabus” , University Level, 27/06/2020, SPPU University,
- Organic Foods: Opportunities and Challenges, Mr. Vidyadhar Kulkarni Sr. Manager, Operations, VRS Foods Ltd., 16th October 2020, , -, VRS Foods Ltd. Ahmednagar, 800 Students, faculty and entrepreneur
- Balanced Diet, Dr Shilpa Shirole President ,IDA, 16th October 2020, , VRS Foods Ltd. Ahmednagar, , 800 Students, faculty and entrepreneur

- Healthy cooking clubs for nutrition promotion and use of education aids, F101 Kadinka Haedao, NSI Secretary, 16th October 2020, , VRS Foods Ltd. Ahmednagar, , 800 Students, faculty and entrepreneur
- Fortification, and Enrichment and important tool to nourish, Success story, Mrs Preeti Deshmukh Nutraprenuer ,Director of Food Matters and Food Nest, 16th October 2020, VRS Foods Ltd. Ahmednagar, , 800 Students, faculty and entrepreneur
- “How to work on Project and Prior Art Search”, MrsGouri S. Patil, AFSTI Secretary Pune Chapter, 9th September 2020, , AFSTI Secretary Pune Chapter, 47
- Sensory Evaluation, Ms. Aishwarya Gore, Manager–Sensory evaluation Center Yogi Foods Pune, 23rd December 2020 Sensory evaluation Center Yogi Foods Pune, 145 Students of FY SY and TY.

Participation in Syllabus Design Workshops, Conferences/ Seminars/ Workshops/ Symposia/Webinar: More than 30 teachers actively participated in Third year CBCS Syllabus Design of SPPU Pune.

Publications of Research Papers and Books, Chapters in books by Staff

A) Publications of Book/s and Chapter/s:

- Dr Bharat Shinde, Environment Studies, Success Publications, Pune, Chapter, 2020, ISBN 978-93-24457-34-3
- Dr Bharat Shinde Dr.H.S.Patil and Dr. B.K.Avchar, Taxonomy of Angiosperms and Plant Ecology, Nirali Publication, Pune, Book, 2020, ISBN 978-93-90225-09-52
- Dr Bharat Shinde Dr.H.S.Patil, and Dr. B.K.Avchar , Plant Physiology Plant Biotechnology, Nirali Publication, Pune , Book, , 2020, ISBN 978-93-90225-19-4
- Dr Bharat Shinde Dr.H.S.Patil, Dr. B.K.Avchar, Plant Anatomy and Embryology, Nirali Publication, Pune,, Book, , 2020, ISBN 978-93-90506-94-1
- Dr Bharat Shinde Dr.H.S.Patil, Dr. B.K.Avchar, Plant Biotechnology, Nirali Publication, Pune, Book, 2020, ISBN 978-93-90506-82-8
- Dr B.K.Avchar, Environment Studies, Success Publications, Pune, Book,, 2020, ISBN 978-93-24457-36-4
- Dr Rajesh Sharma, Taxonomy of Angiosperms and Plant Ecology, Nirali Publication, Pune, Book, 2020, ISBN 978-93-90225-09-5
- Dr. Rajendra Khairnar, Trikonatil Bindu (Marathi Short Story Book), Book, 2020, ISBN-978-81-944324-5-6

- Dr. Rajendra Khairnar, Sankatmochan Bane Mitrakikaranam- AkbarLota, Chapter in Book, 2020, PP 57-60, ISBN- 978-93-89908-30-5
- Dr. Rajendra Khairnar, Pita-Putra keSangarhkiMimansa : Prtishodh, Chapter in Book, 2020, pp60-63, ISBN- 978-93-89908-30-5
- Dr. S.Y.Gadkar, Sundar Prawas, Mukta Publishing House, Kolhapur. 416008, First Edition- 07/07/2019 Pages-180, ISBN 978-93-81249-34-5
- Dr.PV Patil and et al, Mathematical Methods in Physics, Aditi Publications, Jalgaon, Chapter in a Book, S.Y.B.Sc , First Edition, 2020, ISBN 978-93-89501186
- Dr PV Patil and et al, Electronics, Aditi Publications, Jalgaon, Chapter in a Book, S.Y.B.Sc, First Edition, 2020, ISBN 978-93-89493207
- Dr PV Patil and et al, Physics of Thin Films, Aditi Publications, Jalgaon,, Reference Book, First Edition, 2020, 978-81-95036028

B) Publication of Research Papers:

- Jaya Thakur, Shinde BP, "Effect of salt stress and AM fungi on the growth performance of pea plant",. Int. J. of Life Sciences, 2020, 2020; 8 Vol(1):135-139, 2320-7817(p) 2320-964X (o).
- Jaya Thakur, Shinde BP, Effect of water stress and AM fungi on the growth performance of pea plant",. Int. J. of Applied Biology, 2020, 4 (1):36-43, 2580-2410, -,
- Dr. S.M. Ghadage, ,.AJANTA, Apr-Jun 2020 Vol.09 Issue II, 2277-5730, 6.399, SJIF.
- Dr. L. M. Kashid, Assessment of Thermodynamic Behaviour Of Insecticides In Indian Soils By Differential Pulse Polarography, Journal of Advanced Scientific Research, Vol.No.12(2), P-68-73, Year:2021, 0976-9595, 0.567, -
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- Neelima Devi, Resilience through colour meditation therapy, Happiness and Peace Part - I, Mathrubhumi Publications, Kareli, M.P., I, 2020, 60-75, 978-81-947785-0-9

Participation at Conference/ Seminar/ Workshop: Our college teachers actively participated in more than 100 Conferences Seminars and workshops.

Refresher/Orientation/Short Term Course/MOOC/Induction Program Attended:

- Dr.S.Y.Gadkar, Short Term Course (Online), Human Rights, 03 to 09 Oct 2020, Shree Ayyappa College for women, Chunkankadi, UGC-HRDC, Kannur University, Kannur (Kerala). 670002., Self

- Dr.S.Y.Gadkar, Faculty Development Program (Online), Statistical Analysis in Academy and Research, 01 to 07 Nov 2020, International Journal of Microbial Science (IJMS), Sushila Shankarrao Gadave College, Kandhala, Dist. Satara.412802., Self
- Dr.S.Y.Gadkar, Refresher Course (Online), SanskrutikVicharani Marathi Sahitya, 08 to 20 Mar 2021, Dept. of Marathi University of Mumbai. UGC-HRDC, University of Mumbai. 400032., Self
- Dr.S.Y.Gadkar, Faculty Development Program (Online), Dr. B.R.Ambedkar & the Idea of India, 13 to 19 Apr 2021, TLC University of Delhi., Ramanujan College, Delhi. 110019., Self
- Dr.S.Y.Gadkar, Faculty Development Program (Online), Research Methodology, 26 Apr to 1 May 2021, Kamala Nehru College , Nagpur. 440024., Self
- Dr.S.Y.Gadkar, Faculty Development Program (Online), Confluence of Revised Guidelines of IQAC-NAAC to Autonomy , 23 May to 3 June 2021, RUSA &BMCC , Pune. 411004., Self
- Mr. RajkumarKadam, FDP, Digital Gurumantra, 05 Days, 14 to 18 August, 2020, Pune, , Self
- Dr.Bhosale A.B., Short Term, One Week Online Research Methodology Workshop, 08th June 2020 to 12th June 2020, Self
- Mr. RajkumarKadam, Online Symposium, Thought- Experimentation in Humanities, Science and Science Fiction, 10 Days, 21 to 30 July, 2020, Gangapur, Self
- Dr J.A.Bagawade, Refresher course, UGC Sponsered Refresher course in Physics, 07/09/2020 to 20/09/2020, UGC-HRDC Gujarat University,Ahmedabad., Self
- Dr J.A.Bagawade, One Week International FDP , Techno Improvement Programme, 22/07/2020 to 26/07/2020, Dept. of Physics,NSBC College ACS,Nanded, -
- Dr J.A.Bagawade, National Level Interdisciplinary One Week FDP, Professional Skills and Moral Leadership: Fundamentals, 25/07/20-30/07/2020, R.T.Mahavidyalaya Tripura and Bahai Academy, Panchangani, Self
- Dr J.A.Bagawade, One week International Training programme, Digital Gurumantra, 15/08/2020 to 20/08/2020, Rotary International District 3131, Self
- Dr R J Deokate, One Week FDP, , Photonics, 03/11/ 2020 to 07-11/ 2020, RAJARSHI SHAHU MAHAVIDYALAYA, LATUR., Self
- Nilima Pendharkar , FDP STC, Confluence of Revised Guidelines of IQAC-NAAC To Autonomy, 29/05/2021 To 03/06/2021, RUSA and BMCC College. Pune, Self

- Neelima Pendharkar , FDP by UGC-HRDC – SPPU, Mathematics for biologists, 15 13- to 20 June, 2020, Shardabai Pawar College, Baramati, Self
- Mrs Nilima Pendharkar, Ph.D. Course work, Conducted by department of Microbiology, SPPU, December 2020 to May 2021, (6months), SPPU, Self
- Neelima Devi, Ph.D. Course work, Ph.D. Course work, December 2020 to May 2021, (6months), department of Microbiology, SPPU, Self
- Neelima Devi, Refresher Course, Refresher Course in Research Methodology, 19th august to 1st September 2020, Refresher Course, sppu, Self
- Neelima Devi, FDP by UGC-HRDC – SPPU, Mathematics for biologists, 15 to 20 June, 2020, FDP by UGC-HRDC – SPPU, Self
- Neelima Devi, Ph.D. Course work, Conducted by department of Microbiology, SPPU, December 2020 to May 2021, (6months), Ph.D. Course work, Self
- Neelima Devi, Summer School, Recent Advances on Organic Farming for Development of Sustainable Agriculture, 18 July 2020 to 20 July 2020., SAGE University., Self
- Neelima Devi, Faculty Development Program, “Resurgence of Mental Health during Uncertain Times and Beyond”., 14.06.2020 to 20.06.2020., SPPU, Self
- Neelima Devi, International Certificate course, International certificate course for faculties on “Medical Bacteriology”, 01.06.2020 to 30.06.2020, Western Rio Janerio State Universtiy, Brazil, Self
- Neelima Devi, One week FDP, L latex and Fig, 15-06-2020 to 19-06-2020, VPASCC in association with Department of MCA, Calcutta Institute of Technology, Howrah, West Bengal, Self
- Neelima Devi, Faculty Enrichment Program, Digital technology for teaching of Life Sciences and Humanities, , P.G. & research Department of Zoology of Dr. Ambedkar Arts College, Chennai, Self
- Dr. Sangita Satpute, Short Term(FDP), Comprehensive e- Learning to -Training Guide for Administrative Work , 25/5/2020 to 05/06/2020, Two Weeks, New Delhi, Self
- Dr. Sangita Satpute, Short Term(FDP), Open Source Tools for Research, 08/06/2020 to 14/06/2020, One Weeks, New Delhi, Self
- Prof Amit Divhare, Short Term(FDP), Future material: Nanocomposites , 15/06/2020 to 21/06/2020, One Weeks, Pune, Self
- Prof Amit Divhare, Short Term(FDP), Moodle Learning management System, 11/06/2020 to 16/06/2020, One Weeks, IIT Bombay, Self

- Prof Amit Divhare, Short Term(FDP), Research Opportunities in Advanced Manufacturing Process., 22/06/2020 to 28/06/2020, One Weeks, Pune, Self
- Dr.Kalpana Chandramore, FDP on online teaching and e Content, online teaching and e Content, 3rd-4th June 2020 , IIDE and St. Xaveir's college Mumbai (online),
- Dr.Kalpana Chandramore, FDP on Yoga and mental health, Yoga and mental health, 10th -21st June 2020 , SPPU, Pune,
- Dr.Kalpana Chandramore, One Week Online Training Program, , ICT Tools for Teaching, Learning and Administration, 4th – 10thAugust, 2020, University of Allahabad, Prayagraj
- Dr.Kalpana Chandramore, Refresher course in synthetic biology, synthetic biology, 11th-24th January, 2021, SPPU, Pune, SPPU, Pune,
- Joshi G. R., Refresher, Refresher Course in Basic Science, 21/12/2020 to 02/021/2021, Sant Gadge Baba Amarvati University Amarvati, Maharashtra,
- Kudale G. A., Refresher, Refresher Course in Basic Science, 21/12/2020 to 02/021/2021, Sant Gadge Baba Amarvati University Amarvati, Maharashtra,
- Dr. Sangvikar J. A., Refresher, Refresher Course in Basic Science, 17/08/2020 To 29/08/2020, Sant Gadge Baba Amarvati University Amarvati, Maharashtra, Refresher
- Dhane K. V., Refresher, Refresher Course in Basic Science, 17/08/2020 To 29/08/2020, Sant Gadge Baba Amarvati University Amarvati, Maharashtra, Refresher

Industry Interaction / Collaboration:

BVoc Food Technology students completed on the job training in following industries.
Taj Frozen food, Jejuri, Freeze dried caffeine food baramati Aishwarya Bakery Baramati, Pune Zilha Sahakari Dudh Utpadak Sangh Maryadit Katraj, Pune. Mahindra and Mahindra, Gardi, Sangli, Fortune Dairy Indapur, Shri Chatrapati S.S.K. Ltd, Bahavaninagar, Vaishvik Food Private Ltd,

Placements: 28 students were placed in various industries and institutes.

Existing Infrastructure Facilities:

No. of Classrooms and Seminar Halls: 61

No. of Laboratories: 32

Total Number of Computers: 414

Newly Added Facilities:

Regional Research Recognition Center Facilities

DST FIST Assisted Smart Classrooms:02

Skill Development Center with 100 PCs

Purchase of G-Suite

Library Facilities: N-List, Inflibnet, WebOpac. Auto Lib NG, Total No of Books: 43789

Alumni Initiatives: Organization of Capability Enhancement Programs and Vaccination Drive for faculty and Students.

Name of the capability enhancement program	Date of implementation	Number of students enrolled	Name of the agencies/consultants
Pioneers in developing RTPCR test for COVID - 19	07/12/2020	123	Shri. Hasmukk Raval ,CEO, Mylab Solutions.
How to deal with animals during lockdown	18/07/2020	102	Dr. Phralad Wangikar , Excecutive Director, PRADO Clinical Research, Pune
The time between PG results and first of Job.	25/07/2020	98	Ms. Sanchita Mane, R&D Immunologics, Bangalore.
UG and PG students on the topic 'How to crack IIT Jam and CSIR NET exams	31/10/2020	44	Prof. Sachin Chavan, Head, Department of Biotechnology, RJSPM, Bhosari
Lady Singham	11/08/2020	136	Mrs. Tejaswi Satpute (IPS), Superintendent of Police, Solapur.
Half day workshop on Ideas,Innovation to Patents.	23/12/2020	81	Lex Regia, IQAC and Department of Microbiology.
Funding opportunities for Ph.D.	30/12/2020	82	Mr. Abhishek Aher, senior research fellow at CDFD (Center for DNA fingerprinting and diagnostics), Hyderabad.
Atomic force Microscopy and Raman lasers and photodynamic therapy	01/12/2021	85	Mrs. Siya Kamat, Senior Research Fellow, IISc, Bangalore.
How to approach for PhD and PDF abroad.	15/1/2021	76	Dr. Suhas Kharat, PDF, Institute of Cancer, Frederick, Maryland, US
COVID 19 Diagnosis	25/2/2021	135	Dr. Hemal Makani, Dr. Asha Salunke

How to get an opportunity to do industrial training	02/06/2021	130	Mrs. Neelam Shaikh from Aurigene Pharmaceuticals, a subsidiary of Dr Reddy's Lab, Hyderabad.
A primer on IP, types of IPR: patents, Designs, Trademarks, copyrights etc	27/2/2021	189	Dr. M.M. Betkar, Principal, Kumarswami Mahavidyalaya Ausa, Latur.
How to apply for International scholarships	19/3/2021	186	Ms. Ira Padhey, Consultant, Washington University, US.
Students preparation towards IAS exams, time managements, scheduling etc.	20/03/2021	169	Mr. Abhijit Raut, Our Alumni, an IITian, currently District Magistrate, Collector, IAS, Jalgaon.



Felicitation of Hon. Sunetra Pawar, Trustee, Vidya Pratishthan for being elected as Member, Senate, Savitribai Phule Pune University, Pune



Felicitation of Dr Bharat P. Shinde, Principal, VPASCCC for being nominated on Senate Savitribai Phule Pune University, Pune



Celebration and Observation of National Festivals, Birth and Death Anniversaries of significance under Covid Pandemic



Release of 24th Annual College Magazine Vidyadeep Issue at the hands of Prof Dr Sanjeev Sonawane, Dean, SPPU, Dr Manohar Chaskar, Dean, SPPU and Dr Parag Kalkar, Dean, SPPU



Regional Research Center Recognition
Team of SPPU visit Prof Dr Sanjeev
Sonawane, Dean, SPPU, Dr Manohar
Chaskar, Dean, SPPU and Dr Parag
Kalkar, Dean, SPPIJ

Felicitiation of Hon. Avinash
Shinde(IAS) , Our prestigious Alumni
and his able Guidance under
Competitive Exam Center



Hon. Avinash Shinde(IAS) , Our
prestigious Alumni and his able
Guidance under Competitive Exam
Center



Felicitiation of Dr Rajendra Khairnar by
Alumni Association for being placed
under CAS as **Professor** by IQAC





Felicitation of Dr Sanjay Khilare by Alumni Association for being placed under CAS as **Professor** by IQAC

Felicitation of Dr Shamrao Ghadge by Alumni Association for being placed under CAS as **Professor** by IQAC



Felicitation of Winners of State Level Online Intercollegiate Pratibha Elocution competition organized by Dept. Of Marathi



Future Plans:

- To create healthy environment for education, innovation and research for the students from rural area thus **Contributing to National Development**
- To Promote research culture among students and staff through filing research projects to various funding agencies in **Quest for Excellence**
- To strengthen the place of this esteemed College on global map by maintaining high academic standards thus **Fostering Global Competencies among Students**
- To create empowerment of women through education and to make every student of the college skilled and employable by **Inculcating a Value System among Students**
- To make best use of IT Infrastructure and file for autonomy in Administrative and Academic process thus **Promoting the Use of Technology**