



Bansilal Ramnath Agarwal Charitable Trust's

Vishwakarma College of Arts, Commerce and Science, Pune.

(Affiliated to Savitribai Phule Pune University)

NAAC Accredited with 'B+' Grade

VCACS Annual Report for the A.Y.2020-2021

This is the 14th Annual Report of VCACS. As the country found itself in the COVID-19 outbreak and with a lockdown being put into effect in Maharashtra from March 18, 2020. VCACS initiated necessary steps to ensure the safety and mental wellbeing of its students, teaching and non-teaching staff. As the COVID-19 situation tattered, the college transitioned to a virtual classroom through online platforms like Google Classroom, Google Meet, Zoom. Classes were held as per the scheduled timetable. The lockdown period provided plenty opportunities to guide students in writing their assignments. Students were given greater inclusivity by also reaching out to them through E-mail's, WhatsApp and even phone calls.

ACADEMIC EXCELLENCE:

VCACS students have thrived in maintaining a high level of scholastic excellence. The following results stated the firm work and devoted service of our faculty members.

Undergraduate Courses:

S.N.	Name of the Programme	Number of Student appeared	Number of Students passed	Pass percentage
1	B. Com	108	105	97.22%
2	BBA	80	75	94.00%
3	BBA(CA)	77	74	96.10%
4	BBA(IB)	85	83	98.00%
5	B. Sc. (CS)	129	126	97.67 %

Postgraduate Courses:

S.N.	Name of the Programme	Number of Student appeared	Number of Students passed	Pass percentage
1	M. Sc. (CS)	58	58	100.00%
2	M.Sc.(CA)	12	12	100.00%
3	MCom	01	01	100.00%

FACULTY RESEARCH:

VCACS always encourage faculty members to participate in various research activities conducted in national and international conferences.

Number of papers published per teacher in the Journals notified on UGC website during the year:

S. N.	Title of paper	Name of the author/s	Department of the teacher	Name of journal
1	Machine learning amalgamation of Mathematics, Statistics & Electronics	Snehal Kulkarni	Science	International Research Journal on Advanced Science Hub RSP Science Hub
2	Covid 19, Online Education System, and Front End Challenges	Snehal Kulkarni	Science	Economic, Social, Psychological, Political, Educational, & Literary Impact of Covid-19 & All Multidisciplinary Subjects for Research
3	Climate Change, India and Its Perspective	Snehal Kulkarni	Science	
4	"Distributed firewall with dynamic intrusion detection module"	Smita Deshmukh	Science	"International Journal of advanced research in engineering and technology".
5	"Distributed firewall with dynamic intrusion detection module"	Prajakta Patil	Science	"International Journal of advanced research in engineering and technology".
6	"A study and Review of Analysis of Cases of Molestation against Women and Minor"	Anjum Patel	Science	International Journal of Management Technology and Engineering
7	A Data Mining Framework using k-means to Analyze Highway Accident data in Maharashtra	Sudhir Chitnis	Science	International Journal of Management (IJM) (Impact Factor 10.1471)
8	Machine learning amalgamation of Mathematics, Statistics & Electronics	Trupti Gaikwad	Science	International Research Journal on Advanced Science Hub RSP Science Hub

9	Covid 19, Online Education System, and Front End Challenges	Trupti Gaikwad	Science	Economic, Social, Psychological, Political, Educational, & Literary Impact of Covid-19 & All Multidisciplinary Subjects for Research
10	Covid 19, Online Education System, and Front End Challenges	Ruta Vaidya	Science	Economic, Social, Psychological, Political, Educational, & Literary Impact of Covid-19 & All Multidisciplinary Subjects for Research
11	Machine learning amalgamation of Mathematics, Statistics & Electronics	Ruta Vaidya	Science	International Research Journal on Advanced Science Hub RSP Science Hub
12	Stress ,It's Consequences & way to combat It in Modarn Era	Snehal Kulkarni	Science	

Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year:

S.N.	Name of the teacher	Title of the book/chapters/ paper published	National / International
1	Dr.Shital Mantri	Legal Aspects in Human Resources	National
2	Dr.Shital Mantri	Human Resource Management Functions & Practices	National
3	Sudhir Chitnis	An approach to analyze Issues and challenges of road accidents scenarios in India	International
4	Sudhir Chitnis	Statistical Analysis and Classifier Accuracy Improvements Models for Road Accident Issues on National Highways in India	International
5	Poonam Chavan	A study on IOT addressing the Corona Virus & it's applications	National
6	Dr. Sheetal Mantri	A study of effectiveness of welfare facilities on job satisfaction : A comparative study of IT industries and Automobile industries	International
7	Vaishali Kale	A study of effectiveness of welfare facilities on job satisfaction : A comparative study of IT industries and Automobile industries	International
8	Dr.Sheetal Waghmare	A study of effectiveness of welfare facilities on job satisfaction : A comparative study of IT industries and Automobile industries	International
9	Smita Deshmukh	Data packet security in manet and vanet	International
10	Prajakta Patil	"Distributed firewall with dynamic intrusion	National

		detection module"	
11	Prajakta Patil	Data packet security in manet and vanet	International
12	Smita Deshmukh	Blockchain Technology: Rising Trend In Various Applications	International
13	Prajakta Patil	Blockchain Technology: Rising Trend In Various Applications	International

WEBINARS / WORKSHOPS:

VCACS has organized various workshops/Webinars as follows:

S.N.	Item/Title of the quality initiative by IQAC	Date of Introduction	No. of days	Number of students Enrolled/benefited
1	Webinar on "Career Guidance Online Session-Company Secretary" for FYB.Com	9/23/2020	1	83
2	Webinar on "Career Guidance Online Session-Company Secretary" for SYB.Com, TYBCom	9/24/2020	1	85
3	Webinar on "Python Programming and Machine Learning for B.Sc(CS), BBA(CA)	11/9/2020	1	101
4	Webinar on "Rights of employees at workplace" for BBA and BBA(IB)	12/15/2020	1	28
5	Webinar on "Career Guidance after graduation" for B.Sc(CS) and BBA(CA)	12/15/2020	1	105
6	Webinar on "Career Guidance after Post graduation" for M.Sc(CS) and M.Sc(CA)	12/16/2020	1	62
7	Workshop on "Practical Implementation of Machine Learning Using Python" for M.Sc(CS) and M.Sc(CA)	02-01-2021 and 9-1-2021	2	33
8	Webinar on "Investment Awareness Programme for students(BSE)"For	2/1/2021	1	93

	B.Com,BBA,BBA(IB)			
9	Webinar on "Entrepreneurship Skill Development -Guidance Session" for B.Com,BBA,BBA(IB)	2/26/2021	1	66
10	National level webinar on "Future of Science,Technology and Innovation:Impact on Education Skills and Work" under Science Department	3/1/2021	1	108
11	Webinar on "Human Pulse Detection System and Pulse Analysis" for B.Sc(CS),Bsc(CA)	3/4/2021	1	40
12	National Level Webinar on “Work Stress Management & Emotional Well-being during COVID-19” under Commerce Department	3/5/2021	1	77
13	Webinar on “Women in Leadership: Achieving an Equal Future” under Commerce department	3/8/2021	1	201
14	International Webinar on " International Opportunities for VCACS Students in UK" for all UG,PG students	3/23/2021	1	308
15	Webinar on Court Procedures under Indian Law system	4/5/2021	1	102
16	National Level Workshop on “Hands on Database Technology” for MSc(CA),MSc(CS)	4/10/2021	1	94
17	Workshop on “Machine Learning-Future Challenge” under Science department	15-6-2021 and 19-6-2021	2	126
18	Webinar on " International Yoga Day"	6/21/2021	1	148
19	Webinar on "Health is Women's Wealth" For Girls	6/22/2021	1	148
20	Workshop on "Women Entrepreneurship (Bakery Products)"For Girls	6/23/2021	1	153
21	Webinar on "Fininacial Empowerment Of Girls"	6/24/2021	1	111
22	Webinar on "Personality Development of Women-Key to Success" For Girls	6/25/2021	1	125

AWARDS & RECOGNITION:

College:

VCACS was awarded as:

1. “Best Undergraduate College in Maharashtra for Teaching Excellence-2021” by Center of Education, Growth and Research (CEGR)”
2. “Academic Excellence National Award” by National Institute for Socio Economic Development, (R).

Faculties:

SN	Particulars	Recipient
1	Received Dr. APJ Abdul Kalam Lifetime Achievement National Award for achievement in Research and Teaching-Learning field -- BY National Institute for Socio-Economic Development, Bangaluru.	SD Chitnis, AA Patel, SP Mantri
2	Worked as Translator (Marathi language) for NPTEL (National prog. On Technology Enhanced Learning) for System Enggineering – Swayam : Programme initiated by Government of India– 2020-21	Snehal Jadhav
3	Best Paper Presentation Award	Anjum Patel

SDO:

Every year various activities are conducted under student’s development program. This year due to pandemic most of the activities are conducted online. Various days like Gandhi Jayanti, Dr. Abdul Kalam Jayanti (Vachan Prerna Divas), Marathi Bhasha Gaurav Din, Women’s Day are celebrated online where students have actively participated in all the activities.

NSS:

In the academic year 2020-2021, Savitribai Phule Pune University had approved 01 program officer and 100 volunteers in the unit of National Service Scheme. During this academic year, important work regarding Corona was done through National Service Plan.

As per the instructions of the university, many activities were carried out by following all the rules like Student Personality Development, Covid Awareness, Women Empowerment, Gender Sensitivity, Swachh Bharat Abhiyan, De-addiction Counseling, Environment Day, Reading Inspiration Day, AIDS Awareness Day, Constitution Day, Independence Day, National Voter Awareness Day, National Service Plan Day, Savitribai Phule Jayanti, Mahatma Gandhi Jayanti, Republic Day, Marathi

Language Conservation Fortnight, Village Visit and Janajagruti etc. were carried out following all the rules of Corona.

Of special note was the visit to Winzer, where masks and sanitizers were distributed and corona was raised.

IQAC :

During academic year 2020-21, total 3 meetings were held on 15th June 2020, 11th November 2020, 22nd March 2021 respectively. The important points discussed in these meetings were Post Covid-19 Rehabilitation for VCACS, conduction of remedial lectures for slow learners and Covid suffered students, Organization of online FDP, organization of activities for Women's Forum.

Glimpse of some activities are as follows:

FDP for teaching and non-teaching staff:

Teaching Staff:

S.N.	Title of the professional development programme organized for teaching staff	From date	To Date	Number of participants (Teaching staff)
1	How to Enrich Online Learning: Keys and Challenges	7/7/2020	7/10/2020	25
2	FDP on Professional Ethics for Teaching & Non - Teaching Staff	8/21/2020	8/21/2020	19
3	Teacher - Now a new concept, a new beginning	9/14/2020	9/14/2020	28
4	FDP on NET/SET: New Trends in Higher Education System	10/19/2020	10/19/2020	29
5	Guidance Session on NET / SET Eligibility & Qualifying Criteria	3/12/2021	3/12/2021	26
6	Impact of YOGA on Work Stress Management	6/21/2021	6/21/2021	27

Non- teaching Staff:

S.N.	Title of the professional development programme organized for non-teaching staff	From date	To Date	Number of participants (Non-teaching staff)
1	Faculty Development Program for Academic Administration	7/15/2020	7/15/2020	7

2	FDP on Professional Ethics for Teaching & Non - Teaching Staff	8/21/2020	8/21/2020	6
3	PDP on SPPU's New Exam Form Filling Process	6/14/2021	6/14/2021	6
4	Impact of YOGA on Work Stress Management	6/21/2021	6/21/2021	8

SCHOLARSHIPS

VCACS supports several poor, needy and Scholar students as well as economically backward students by providing monetary benefits and helping them to avail various 'Government of India (GoI), Pune Municipal Corporation (PMC), and Economically Weaker Section' Scholarships. The College also provides Scholarship to top-3 Meritorious students. The details are as follows:

Year	Name of the scheme	Number of students benefited by government scheme and amount		Number of students benefited by the institution's schemes and amount	
		Number of students	Amount	Number of students	Amount
2020-21	Government of India Scholarship	16	252150		
	ICCR	24	873000		
	Pune Municipal Corporation Scholarship	6	75000		
2020-21	Merit and EWS			81	595300

EXTRACURRICULAR ACTIVITIES

Students from all the streams are actively participated in various virtual (due to pandemic) as well as Offline extracurricular activities and won prizes. The details are as follows:

Year	Name of the award/ medal	Team Individual /	University/State/National/ International	Sports/ Cultural	Name of the student
2020-21	First Prize in Video Contest	Individual	State	Cultural	Aishwarya Bhavekar
2020-21	Second prize in Mr.College Idol India Contest	Individual	National	Cultural	Anish Khater
2020-21	Qualified First round	Individual	National	Cultural	Anish Khater

	in Shining Stars of India				
2020-21	Second prize in Research Paper Competition	Individual	State	Cultural	Anushka Choudhari

SPORTS AND GAMES

Due to pandemic, Sports and Games activities are not conducted in the A.Y 2020-2021.

LIBRARY

Library is automated using Integrated Library Management System (ILMS) SLIM 21.

Our College Library has aimed to aid the student community by appraising its resources recurrently.

The status of Library during the A.Y. 2020-2021 is as follows:

S. N.	Library Details	Total
1	Total No. of Books	9471
2	Total No of Titles	2153
3	Indian Journal	1
4	International Journal	2
5	Magazine	4
6	News Paper	7

CAREER FORUM AND PLACEMENT CELL

The placement cell of VCACS plays a key role in the career prospects of our students. Due to pandemic HR from various companies contacted with placement officer of our college and conducted interview virtually. However, VCACS also conducted one offline campus drive of ADDMATRIX. All the details of placed students are as follows:

Sr. No.	No. of Students Placed	Name of the Employer	Average Package Received	Program graduated From
1	1	SoftwareAG Bangalore Technologies Private Limited	8L	MSc(CS)
2	3	Capgemini Technology Services	4.5L	M.Sc.(CS)
3	24	INFOSYS	2.5L	B.Sc.(CS), M.Sc.(CS), B.B.A.(CA)
4	13	TCS	2.1L	M.Sc.(CS)
5	2	WNS	3L	B.Sc.(CS), B.B.A.(CA)
6	1	Capita	3L	B.Sc.(CS), B.B.A.(CA)
7	2	Amazon	2.5L	B.B.A.(CA),BSc(CS)
8	3	VyomlabsPvt.Ltd	2.8L	BSC(CS)
9	2	Vodafone Intelligent Solutions,	3L	M.Sc.(CS)

		Pune		
10	129	SSP TECHNOLOGY, OORT Technology, RedNucleus, Mphasis, LNT Infotech, N-Infinity infotech Pvt Ltd, Any etc.	2-2.5L	M.Sc.(CS), B.Sc.(CS), B.B.A.(CA), B.B.A.(IB), BCom
11	4	Addmatrix		B.Com., BBA, BBA(IB)

PTA

VCACS organized 3 online PTA meetings this year for all streams. Out of 3 meetings 1st meeting held on 21st September 2020 and remaining 2 meetings are conducted on 20th January 2021.

The purpose of meetings is to provide details about the facilities available for students in the VCACS and information on various student related activities run by the College. In these meetings teachers suggested parents to encourage students about online teaching and online examination. VCACS also collect feedback from the parents on various aspects related to online teaching.

Through these virtual meetings, VCACS build warm relationships between the Parents and Faculty Members.

GENERAL FEATURES

To promote national integration and communal harmony, all festivals like Independence Day, Republic Day, Teachers Day etc. were celebrated virtually.

Vishwanubhav was celebrated from 24th November to 29th November 2020. In this, total 9 events are organized

Vishwacarnival was celebrated from 11th January to 13th January 2021. In this, total 5 events are organized.

Vidyarthini Manch – Vishwawardhini was celebrated from 21st June to 25th June, 2021. In this, total events are organized.

Above mentioned events play a vital role in overall development of students. Apart from quality education, moral classes are held to instill good values in the young minds enabling them to become good citizens - morally upright, socially sensitive and spiritually oriented.

Besides these various events and days are celebrated in the A.Y 2020-2021.

S.N	Festivals and birth/death anniversaries	Date	Activity	Participants
1	World Environmental day	5 th June 2020	Speech on climate change	42
2	International Yoga day	21 st June 2020	Yoga Session	148
3	NSS day	24 th September 2020	Guest Lecture on “स्वतंत्र्य भारताचा अमृत-महोत्सव आणि युवक”	104
4	Gandhi Jayanti & Tree Plantation Program	2 nd October 2020	Tree Plantation Program	8
5	Constitution Day	26 th November 2020	Awareness about Indian Constitution	35
6	AIDS Awareness Program	1 st December 2020	Poster Competition	96
7	Savitribai Phule Jayanti & Essay Writing Competition	7 th January 2021	Essay Writing Competition	59
8	National Voters Day	25 th January 2021	Guest lecture on Voting-Our Responsibility	183

9	Covid Awareness Program	7 th February 2021	Video and Charts Presentation	83
10	Covid Awareness & Mask Distribution Program	16 th February 2021	Awareness about Covid in Village area	10
11	De-addiction campaign	16 th February 2021	Awareness about smoking and its cons	18
12	International Women's Day	8 th March 2021	Guest lecture on "Adult Education and Awareness"	207

This is the abstract of the academics, cocurricular, extra-curricular activities of VCACS during the academic year 2020-21.