



"Dissemination of Education for Knowledge, Science and Culture."  
- Shikshanmaharshi Dr. Bapuji Salunkhe



# SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S VIVEKANAND COLLEGE, KOLHAPUR (EMPOWERED AUTONOMOUS)

2130, 'E' Ward, Tarabal Park,  
Tal. Karveer, Dist. Kolhapur - 416 003.  
Affiliated to Shivaji University, Kolhapur (M.S.)

NAAC Reaccredited : "A" (CGPA - 3.24 in 3rd Cycle)  
College with Potential Excellence by U.G.C., New Delhi  
"Star College" by D.B.T. Govt. of India  
ISO 9001 : 2015

Ph. : 0231-2658612 | Fax : 0231-2658840 | Resl. : 0231-2653962 | Website : [www.vivekanandcollege.ac.in](http://www.vivekanandcollege.ac.in) | E-mail : [info@vivekanandcollege.org](mailto:info@vivekanandcollege.org)

Founder  
Dr. Bapuji Salunkhe  
D. Lit.

President  
Hon. Chandrakant Dada Patil  
Higher and Technical Education Minister, Maharashtra

Chairman  
Prin. Abhaykumar Salunkhe  
M.A.

Secretary  
Prin. Mrs. Shubhangi Gawade  
M.Sc., B.Ed.

Principal  
Dr. R. R. Kumbhar  
M.Sc., M.Phil., Ph.D.

## Criterion VI - Governance, Leadership and Management

### 6.4 Financial Management and Resource Mobilization

6.4.2 Funds / Grants received from government bodies, non-government bodies, and philanthropists during the last five years.

Year	Name of the government bodies, non government bodies and philanthropists	Purpose of the Grant	Funds/ Grants received (INR in lakhs)
2022-23	RUSA Grant	Overall development	30
	Philanthropists	Vivekanand Mahotsav	0.9778
2021-22	UGC B.VOC	Overall development	0.2549
	RUSA Grant	Infrastructure development	1.5107
2020-21	UGC	Building of womens hostel	27.1561
	RUSA Grant	Infrastructure development	50
	Corpus Fund	Overall development	1.436
	Autonomous Grant	Overall development	15.
2019-20	Corpus Fund	Overall development	3.1976
	CPE Grant	Overall development	13.76
	B. Voc Grant	Overall development	3.464

	B. Voc Advance Grant	Overall development	12.51
	Community College Grant	Overall development	1.8
2018-19	B. Voc Grant	Overall development	39.836
	B. Voc Advance Grant	Overall development	25.6170
	Community College Grant	Overall development	23.20
	RUSA Grant	Infrastructure development	100.
		<b>Total</b>	<b>349.7202/-</b>



*R.R.K.*  
**Dr. R. R. Kumbhar**  
 PRINCIPAL  
 VIVEKANAND COLLEGE, KOLHAPUR  
 (EMPOWERED AUTONOMOUS)



**Sachin K. Sohani**  
 Chartered Accountants

*S.K.S.*  
**Sachin K. Sohani**  
 B.Com., F.C.A.  
 M. No. 102987



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SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S

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**RUSA Audit**



[See Rule 239]

Form Utilization Certificate  
(For State Governments)  
(Where expenditure incurred by Government bodies only)

Sl No	Letter no. and date	Amount
1	१. क्र.राप्रसं/रुसा/ आदेश/२०१८-१९ /८९३ दि.१४.०२.२०१९	1,00,00,000/-  50,00,000/-
	२. क्र.राप्रसं/रुसा/ आदेश/२०२०-२१ ११३९ दि.२८.१०.२०२०	1,50,00,000/-
	College Fund	60,27,362/-
	<b>Total Rs.</b>	<b>2,10,27,362/-</b>

Certified that out of Rs.2,00,00,000/- of grants sanctioned during the year 2018-2019 & 2020-21. In favour of Infrastructure Grant to college. Component 9. Under the Ministry/Department Letter No. given in the margin and Rs. ....Nil..... on account of unspent balance of the previous year, a sum of Rs.2,10,27,362=00 has been utilized for the purpose of Lab. Construction, Library Books, Smart Classrooms, renovation of labs., Laboratory equipments, FDP & workshops for which it was sanctioned and that the balance of Rs. (-)60,27,362/- remaining unutilized at the end of the year has been surrendered to government (vide no. .... dated) will be adjusted towards the grants payable during the next year will be carried forward for the next financial year.

2. Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled/ are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the propose for which it was sanctioned.

Kinds of checks exercised

1. Cash Book
2. Bank Passbook
3. Vouchers
4. Accession Register



Signature ... *Per* .....

Designation: Principal, Vivekanand college (Autonomous), Kolhapur.

Date: 31.03.2022

P.S - The UC shall disclose separately the actual expenditure incurred and loans and advances given to suppliers of stores and assets, to construction agencies and like in accordance with scheme guidelines and in furtherance to the scheme objectives, which do not constitute expenditure at the stage. These shall be treated as utilized grants but allowed to be carried forward.

VIVEKANAND COLLEGE, KOLHAPUR (AUTONOMOUS)  
RUSA fund Expenditure Statement  
As on -31.03.2022

Sr. No	Head	Sub Head	Sanction Amount	Received Amount	Utilized Amount	Balance Amount	Monthly Physical Progress (%)	Monthly Financial Progress (%)	E-Cell Expense Break Up
1	New Facility	1 Physics Lab. Construction	8200200		8827882		107.65	107.65	
		2							
		3							
		4							
2	Renovation & Upgradation	1 Laboratory	7199150		7517012		104.42	104.42	
		2 ICT enabled classrooms	2300000		2295926		99.82	99.82	
		3							
		4							
3	Equipments	1 Laboratory Equipemnts	1500000		1500325		100.02	100.02	
		2 Books & Journals	500000		500000		100.00	100.00	
		3							
		4							
	Soft Component	FDP Social related activities	650000		386217		59.42	59.42	
		<b>Total Amount Rs.</b>	<b>20349350</b>	<b>15000000</b>	<b>21027362</b>	<b>-6027362</b>			

Date: 31.03.2022



*Pur*  
(Dr.R.R.Kumbhar)  
PRINCIPAL  
Vivekanand College  
Kolhapur



## DETAILED PROJECT REPORT

### Institutional Plan Template

#### Sample Template for Institutional Plan

#### 1. INSTITUTIONAL BASIC INFORMATION

##### 1.1 Institutional Identity:

- Name of the Institution : Vivekanand College, Kolhapur
- Is the Institute approved by regulatory body? : Yes
- Furnish approval No. : SU/Aff./T-2/SSP/7660 dt. 22/10/2003
- Type of Institution : Govt. Aided
- Status of Institution : Autonomous Institute as declare by UGC
- Name of Head of Institution and Project Nodal Officers :

Head and Nodal Officer	Name	Phone	Mobile	Fax	E-mail
Head of Institution	Dr.S.Y. Hongekar	0231-2658612	9421113453	0231-2658840	syhongekar13@gmail.com
RUSA Institutional Coordinator	Dr.D.B. Patil	0231-2658612	9421172478	0231-2658840	dbpatil.vck@gmail.com
Nodal Officers for:					
Academic Activities	Prof.S.V. Malgaonkar	0231 2658612	9850596953	0231 2658840	sunimalgaonkar67@gmail.com
Civil Work including Environment Management	Dr. K.P. Shinde	0231 2658612	9881814835	0231 2658840	kiranshinde.77@gmail.com
Procurement	Dr. Ms. S.M. Joshi	0231 2658612	9421128497	0231 2658840	shrutijoshi78@gmail.com
Financial aspects	Prof.S.S. Kale	0231 2658612	8149689235	0231 2658840	sunnyskale@gmail.com
Equity Assurance Plan	Prof. G.J. Navathe	0231 2658612	9890220206	0231 2658840	ganesnavathe@gmail.com



**1.2 Academic Information:**

- UG/PG/Ph.D. programs offered in Academic year : 2017-2018

S. No.	Title of programs	Level (UG, PG, Ph.D.)	Duration (Years)	Year of starting	Sanctioned annual intake	Total student strength
1	B.A.	UG	3 Yrs.	1964	1080	922
2	B.Com.	UG	3 Yrs.	1966	1080	1156
3	B.Sc.	UG	3 Yrs.	1964	1080	1171
4	BCS	UG	3 Yrs.	2000	240	201
5	BBA	UG	3 Yrs.	2004	240	194
6	BCA	UG	3 Yrs.	2008	240	184
7	Bio. Tech Entire	UG	3 Yrs.	2007	120	92
8	B.Voc.(GD)	UG	3 Yrs.	2014	150	92
9	B.Voc.(FT)	UG	3 Yrs.	2014	150	66
10	C.C.(FT)	UG	1 Yrs	2014	50	39
11	M.Sc. (Org. Chem)	PG	2 Yrs	2012	88	85
12	M.Sc. (Maths)	PG	2 Yrs	2015	88	65
13	M.Sc. (Phy)	PG	2 Yrs	2017	22	22
14	M.Com.	PG	2 Yrs	2016	100	88

- Whether Institution is accredited? Yes
- Grade A
- When December , 2016
- Accreditation Status of UG programs:

Title of UG programs being offered	Whether eligible for accreditation or not?	Whether accredited as on 31 <sup>st</sup> March 2018	Whether "Applied for" as on 31 <sup>st</sup> March 2018
B.A., B.Com., B.Sc., BBA, BCA, BCS, Bio.Tech.(Entire), B.Voc, Community College	Yes	Yes	Not applicable

- Accreditation Status of PG programs:

Title of UG programs being offered	Whether eligible for accreditation or not?	Whether accredited as on 31 <sup>st</sup> March 2018	Whether "Applied for" as on 31 <sup>st</sup> March 2018
M.Sc.(Org.Chem), M.Sc.(Maths), M.Sc.(Phy), M.Com.	Yes	Yes	Not applicable



**1.3 Faculty Status (Regular/On-Contract Faculty as on March 31<sup>st</sup> 2018)**

Faculty Rank	No. Of Sanctioned Regular	Present Status: Number in Position by Highest Qualification												Total Number of regular faculty in position	Total Vacancies	Total Number of contract faculty in position
		Engineer ing		Other		Engineer ing		Other		Engineer ing		Other				
		R	C	R	C	R	C	R	C	R	C	R	C			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15 (3+5+7+9+11+13)	16 (2-15)	17 (4+6+8+10)
Prof.	01	0	0	01	0	0	0	0	0	0	0	0	0	01	01	0
Asso. Prof.	22	0	0	10	0	0	0	12	0	0	0	0	0	22	22	0
Asst. Prof.	62	0	0	11	01	0	0	16	10	0	0	0	0	38	62	11
Asst. Prof. for Non-aided courses	18	0	0	0	0	0	0	0	18	0	0	0	0	18	18	18

Prof.= Professor /Asso.Prof.=Associate Professor, Asst.Prof.= Assistant Professor, R=Regular, C=Contract  
 Note: Remaining sanctioned posts are filled in Clock Hour Basis as per the Govt. of Maharashtra Policy.

**1.3 Base line Data (all data given for the following parameters to All disciplines)**

S. No.	Parameters	
1	Total strength of students in all programs and all years of study in the year 2017-18	4377
2	Total women students in all programs and all years of study in the year 2017-18	2290
3	Total SC students in all programs and all years of study in the year 2017-18	544
4	Total ST students in all programs and all years of study in the year 2017-18	24
5	Total OBC students in all programs and all years of study in the year 2017-18	1272
6	Number of fully functional P-4 and above level computers available for students in the year 2017-18	291
7	Total number of text books and reference books available in library for UG and PG	116897
	Student-teacher ratio	42:1
8	% of UG students placed through campus interview in the year 2017-18	1.80%
9	% of PG students placed through campus interview in the year 2017-18	Nil
10	% of high quality undergraduates (>75% marks) passed out in the year 2017-18	21%
11	% of high quality postgraduates (>75% marks) passed out in the year 2017-18	25%
12	Number of research publications in Indian refereed journals in the year 2017-18	27
13	Number of research publications in International refereed journals in the year 2017-18	09
14	Number of patents obtained in the year 2017-18	Nil
15	Number of patents filed in the year 2017-18	Nil
16	Numbers of sponsored research projects completed in the year 2017-18	Nil
17	The transition rate of students in percentage from 1 <sup>st</sup> year to 2 <sup>nd</sup> year in the year 2017-2018 (i) all students	82.33%
18	IRG from students fee and other charges in the year 2017-18 (Rs. In lakh)	310
19	IRG from externally funded R & D projects, consultancies in the year 2017-18 (Rs. In lakh)	10
20	Total IRG in the year 2017-2018	320
21	Total annual recurring expenditure of the institution in the year 2017-2018	1222



## 2. COMPONENT NUMBER 9: INFRASTRUCTURE GRANTS TO COLLEGES

- Infrastructure grants shall be utilized for meeting critical infrastructural in colleges with a grant of Rs.2 crore each.

### Funding Priorities

- Colleges with valid NAAC accreditation of over 2.5 and above
- Grant will be provided to support strengthening infrastructure facilities for new construction, renovation and purchase of equipment.
- Colleges which have been covered in the same component in RUSA 1.0 will not be eligible to apply for funding under this component.
- The institutions can spend maximum 50% of the total cost in case of new construction, renovation/upgrade and equipment each. For e.g. expenditure ratios could be 40:50:10; or 50:30:20; or 45:45:10, etc.

Following are the Tables required to be filled by the Instructions

**Table 1: Physical and Financial Outlay**

Facility Type	Infrastructure	Physical value (area in Sq.Mt)	Financial value (Rs. In lakh)	Funds sought from RUSA	Funds from other Govt Sources	Private funding if any planned	Justification	
						Management Funding		
Creation of new facilities	New Study Centres							
	Auditorium							
	Administrative Buildings							
	Laboratory	346 sq.mt.	82,00,200				As the present, Physics Lab. is insufficient for the increasing number of students. Construction of new lab is essential.	
	Computer Centre							
	Classrooms (including technologically enabled classrooms)							
	Common rooms for students							
	Canteen / Cafeteria							
	Others (Please specify)							
	Hostels (Separate for boys and girls)							
	Toilets (Separate for boys and girls)							
	Renovation / Up gradation of existing facilities	New Study Centres						

	Auditorium					
	Administrative Buildings					
	Laboratory	1454 sq.mt.	78,49,150			The existing Lab. of Physics, Chemistry, Microbiology & Biotechnology are quite old and they need to be renovated.
	Computer Centre					
	Classrooms (including technologically enabled classrooms)	Two smart classrooms 55 x 2 = 110 sq.mt.	23,00,000			To cater the needs of ICT enabled classrooms, smart classrooms is essential. Minimum two smart classrooms are required.
	Library					
	Common rooms for students					
	Canteen / Cafeteria					
	Others (Please specify)					
	Hostels (Separate for boys and girls)					
	Toilets (Separate for boys and girls)					
New equipment/ facilities	Lab equipment	0	15,00,000			The College has got autonomous status from UGC, for new curriculum new equipments are essential.
	Computers					
	Books/Journals	0	5,00,000			For autonomous curriculum needed to be purchase new syllabi books/journals.
	E-resources					
	Sports Facility					
	Others (Please specify)					
Total in Rs. in lakhs		0	20349350			

Note 1: The institution may choose from the components above for upgrading the existing facilities.

Note 2: Repairs and maintenance cost shall not exceed 20% of total cost.

Note 3: Each institution has the flexibility of choosing the appropriate items based on their need (supported by evidence).



**Table 2: Baseline Data**

Indicator		Unit
Name of the College	VIVEKANAND COLLEGE KOLHAPUR	01
Year of establishment		1964
Category (Govt./Aided)		Aided
NAAC Accreditation (If none; Status of an application)		A
Year of Accreditation & Cycle		2016 Third Cycle
Whether included under 12B of UGC Act		Yes
Area of the proposed College fall under	Pls. Specify (Tier-1/ Tier-2/Tier-3)	Tier-3
Number of students enrolled		4355
SC	544/4377	1 : 0.12
ST	24/4377	1 : 0.055
OBC	1272/4377	1 : 0.29
Women Students	2290/4377	1 : 1
Special Attributes, if any		

**Table 3: Physical and Financial Details:**

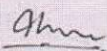
**Institution Details**

Details of Existing College	New Construction/ Renovation (Please Specify)	Physical Value (Areas in Sq.Mt)	Financial Value (Rs. In Lakhs)
Hostels (Separate for boys and girls)			
Toilets (Separate for boys and girls)			
Laboratory	New Construction, Renovation of Laboratory & purchase of equipments	1800 sq.mt.	160.5 lakhs 15 lakhs for equipments
Computer Centre			
Classrooms (including technologically enabled classrooms)	Renovation & technological equipments	110 sq.mt.	23 lakhs
Library			
Common rooms for students			
Canteen / Cafeteria			
Academic Buildings			
Administrative Buildings			
Campus development			
Library			
Auditorium			
Sports facility			
Books / Journals/ E-Resources	Purchase of Books / Journals / E-Resources		5 lakhs



**Table 4: Details of Proposals with Justification**

Item	Renovation/ New Construction/ Equipment's	Existing Infrastructure	Proposed Infrastructure	Financials (In Lakhs)	Justification
Laboratory	New Construction	346 sq.mt.	346 sq.mt.	82 lakhs	As the present, Physics Lab. is insufficient for the increasing number of students. Construction of new lab is essential.
Laboratory	Renovation of Laboratories	1454 sq.mt.	1454 sq.mt.	78.50 lakhs	The existing Lab. of Physics, Chemistry, Microbiology & Biotechnology are quite old and they need to be renovated.
Computer Centre	Renovation of Computer Centre				
Classrooms (including technologically enabled classrooms)	Up gradation of classrooms with ICT enabled equipments	110 sq.mt.	110 sq.mt.	23 lakhs	To cater the needs of ICT enabled classrooms, smart classrooms is essential. Minimum two smart classrooms are required.
Laboratory	Purchase of equipments	--	--	15 lakhs	The College has got autonomous status from UGC, for new curriculum new equipments are essential.
Books / Journals/ E- Resources	Purchase of Books / Journals / E- Resources	--	--	5 lakhs	For autonomous curriculum needed to be purchase new syllabi books/journals.

  
 ( Dr.S.Y.Hongekar )  
**PRINCIPAL**  
 Jyekanand College  
 Kolhapur.





## Rashtriya Uchchatar Shiksha Abhiyan, Maharashtra

### RUSA PROJECT REPORT

<b>PART A</b>						
SCHEME: RUSA 2.0						
NAME OF THE INSTITUTION: Vivekanand college, Kolhapur(Autonomous)						
ADDRESS OF THE INSTITUTION: 2130, E Ward, Tarabai Park, Kolhapur, Maharashtra 416003						
DISTRICT LOCATION: Kolhapur, Maharashtra						
AFFILIATING UNIVERSITY: Shivaji University, Kolhapur						
CURRENT STUDENT STRENGTH: 5168 ( UG-4611, PG-511, PG- diploma:46)						
CURRENT FACUTLY STRENGTH (Sanctioned posts and filled posts): <b>Sanctioned posts: 85, filled posts: 55</b>						
NAME OF THE PRINCIPAL: <b>Prof. Dr. R. R. Kumbhar</b>						
MOBILE NUMBER: 9822664082				EMAIL ID:info@vivekanandcollege.org		
NAME OF RUSA COORDINATOR: <b>Dr. C. B. Patil</b>						
MOBILE NUMBER: 9922049750				EMAIL ID: patilcb.ele@gmail.com		
<b>PART B</b>						
<i>*(kindly enter Amount - Rs in Lakhs only)</i>						
COMPONENT NUMBER: 9						
COMPONENT NAME: <b>Infrastructure Development Grant</b>						
PROJECT SANCTIONED DATE: 14/02/2019						
PROJECT COMPLETION DATE : 31/03/2022						
GRANTS SANCTIONED (Rs. in lakhs): <b>200 Lakhs</b>						
TOTAL GRANTS RECEIVED (Rs. in lakhs): <b>200 Lakhs</b>						
GRANT RECIEVED AMOUNT RS & DATE	1 <sup>ST</sup> INSTALMENT		2 <sup>ND</sup> INSTALMENT		3 <sup>RD</sup> /FINAL INSTALMENT	
	Amount	Date	Amount	Date	Amount	Date
	100 lakhs	14.2.2019	50 lakhs	28.10.2020	50 lakhs	19.7.2019
GRANT UTILISED IN RS. 200 lakhs			BALANCE AMOUNT RS. (IF ANY) : Nil			
% OF GRANTS UTILIZED: 100%						
1. WHETHER ALL THE STOCK BOOK ENTRIES HAVE BEEN MADE WHEREVER NECESSARY? YES/NO YES						



Vivekanand college, Kolhapur (Autonomous)  
RUSA PROJECT CLOSURE REPORT

DETAILS OF EXPENDITURE (Rs in Lakhs)						
A. CONSTRUCTION	TYPE OF INFRASTRUCTURE (Hostel/lab etc.)	SANCTIONED AMOUNT	AMOUNT UTILIZED (in Rs & %)	STATUS OF UTILITY	NO. OF FACILITIES CREATED	LOCATION OF FACILITY
	1. Physics Lab	82.02	88.30 (108 %)	Completed	1. laboratories =3 (size 9 * 12 m=108 m <sup>2</sup> ), 2. laboratories =1 (size 9 * 9 m=81 m <sup>2</sup> ) 3. Staff Room =1 (size 3 * 9 m=27 m <sup>2</sup> ), 4. Wash Rooms= (size 9 * 9 m=81 m <sup>2</sup> ), 5. Passage= (size 2.75 * 33.75 m=92.81 m <sup>2</sup> ) 6. Lift Space (size 1.8*1.8= 3.24 m <sup>2</sup> )	4 <sup>th</sup> Floor
TOTAL :		82.02	88.30			
1. Whether the construction is checked as per sanctioned estimate by an independent engineer? YES						
2. Technical Sanctions for civil and electrical work? If Yes, attach copies YES, copy attached						
3. Whether Safety /Structural Audit conducted? If YES/No, If YES, attach copies YES, copy attached						
4. Whether the new construction facility has been registered on Property Card? If YES, attach copy It is in process						
5. Whether the facility is in actual use of its desired purpose? Yes, Practicals of B.Sc. and M.Sc. Program are conducted						
6. All facilities created has RUSA cornerstone/RUSA signboard with RUSA logo? YES/NO YES						
B. RENOVATION/UPGRADATION	TYPE OF INFRASTRUCTURE (Hostel/lab etc)	SANCTIONED AMOUNT	AMOUNT UTILIZED	STATUS	NO. OF FACILITIES	LOCATION OF FACILITY
(Chemistry Lab and Smart Classrooms )	1. Chemistry Lab	72.00	75.20	completed	•Practical tables with Storage cabinets Table top chemical storage cabinets • Table top chemical storage cabinets • Reticulated gas piping Staff cabin with tables & chairs •Students stools in stainless steel	Room Nos. 5, 6, 9
	2. ICT enabled Classrooms	23.00	22.95	completed	•Flooring •Decorative lighting •Audio system •Smart board •Air conditioner •Staff table with chairs •Students desks •Storage cabinet, locker •Armstrong ceil out grid ceiling	Room Nos. 13 & 19
TOTAL :		94.00	98.12			
1. Whether the construction is checked as per sanctioned estimate by an independent engineer? YES/NO YES						
2. Technical Sanctions for civil and electrical work? YES/NO , If Yes, attach copies YES, copy attached						
3. Whether Stability/Structural Audit for the existing structure conducted before renovation/upgradation? YES/NO, If Yes, attach copies YES, copy attached						
4. Whether the renovation work approved as per local construction norms? YES						
5. Whether the facility is in actual use of its desired purpose? YES						
6. All facilities renovated has RUSA cornerstone/Signboard with RUSA logo? YES/NO YES						





Vivekanand college, Kolhapur (Autonomous)  
RUSA PROJECT CLOSURE REPORT

C. EQUIPMENTS	TYPE OF EQUIPMENT	SANCTIONED AMOUNT	NO. OF EQUIPMENTS	AMOUNT UTILISED	STATUS (IN USE/ NOT IN USE)	LOCATION OF FACILITY
	Intensity using photo sensor and laser on diffraction pattern of single and double slits apparatus	15.00	01	0.21	IN USE	Physics Dept.
	Thermal Mechanical equivalent of heat by Callender and Barne's constant method apparatus		01	0.10	IN USE	Physics Dept.
	Conductivity by Angstrom's Apparatus		02	0.25	IN USE	Physics Dept.
	Thermal Coefficients of resistance by platinum resistance thermometer		01	0.18	IN USE	Physics Dept.
	Resistance Temperature device (RTD) using null method /off balance bridge		02	0.25	IN USE	Physics Dept.
	Study of Electron spin resonance		01	0.64	IN USE	Physics Dept.
	To study the quantum tunneling effect		01	0.10	IN USE	Physics Dept.
	To determine the Coupling Coefficient of a Piezoelectric crystal,		01	0.43	IN USE	Physics Dept.
	To determine the ionization potential of mercury		01	0.10	IN USE	Physics Dept.
	Frank and Hertz experiment		01	0.72	IN USE	Physics Dept.
	Potentiometer		04	0.33	IN USE	Chemistry
	Colorimeter		01	0.15	IN USE	Chemistry
	Digital Conductometer		12	1.32	IN USE	Chemistry
	Digital orbital shaker		01	0.28	IN USE	Chemistry
	Digital Electronics balance		03	0.89	IN USE	Chemistry
	Educational Microscopes		30	0.94	IN USE	Botany
	Dissecting Microscopes		25	0.24	IN USE	Botany
	Steam sterilizer		01	1.30	IN USE	Biotechnology
	Electronics Balance		01	0.40	IN USE	Microbiology
	Microscope with oil immersion		07	0.56	IN USE	Microbiology
	Gel Electrophoresis unit		01	0.21	IN USE	Microbiology
	Distillation Unit		01	0.14	IN USE	Microbiology
	Electronics Experimental Kits, 3D Printer, Raspberry Pi kits, Arduino UNO boards, Wireless robot kits etc. (Total 72 particulars)		--	3.27	IN USE	Electronics
	Single beam spectrometer		01	1.53	IN USE	Zoology
	Distillation unit		01	0.39	IN USE	Zoology
	Vertex mixer		01	0.09	IN USE	Zoology
	Total:	15.00		15.003		
Books & Journals	Total:	5.00		5.00		
1. All equipment purchased through RUSA is tagged with RUSA logo sticker/label? YES/NO YES						



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D. SOFT COMPONENT	TYPE OF ACTIVITY	SANCTIONED AMOUNT	AMOUNT UTILIZED	STATUS OF UTILITY	OUTCOME ACHIEVED	NO OF STUDENTS BENEFITTED	INTERNATIONAL/ STATE/ COLLEGE LEVEL
1	FDP on Framing & executing Learning Outcomes	6.50	0.38	completed	1. Participants understand the concepts, importance and relevance of Bloom's Taxonomy 2. Participants gets aware about the process of evaluation and paper setting according to Learning Outcomes	61	COLLEGE
2	A National symposium on the role of Mass media in teaching		0.81	completed	1. proved through the discussion of the scholars that Mass Media play an important role in the development of attitudes, values and language skills of an individual	260 delegates and students	NATIONAL
3	FDP on understanding IPR & writing research paper		0.68	completed	1. Participants understand the IP Law and inclined knowledge for writing Research papers	135	
4	FDP on Stress Management for Non-teaching Staff		0.28	completed	1. Participants understand the sources of Stress and get aware about how to handle situation	106	COLLEGE
5	Mask Donation Campaign		0.07	completed	1. created awareness about Corona 2. trained students to make Masks	40	COLLEGE
6	One day FDP workshop on "Use of modern technology in teaching pedagogy"		0.22	completed	1. Participant gets familiar with the use of Smart Boards, which enhance Teaching Learning skills and make the Teaching-Learning process interesting	142	COLLEGE
7	FDP on National Education Policy 2020		0.24	completed	1. understand the nature & contents of NEP-2020 2. Initiated dialogue & thought process amongst faculty regarding their role & responsibilities	833	NATIONAL
8	Transcending the boundaries of Gender		0.31	completed	1. Brainstorming on Gender roles 2. create supportive environment for Gender recognition		COLLEGE
9	FDP on Stress and Anger Management		0.20	completed	1. foster resilience & cope with stressful situations at the workplace 2. Improved emotional intelligence	250	COLLEGE
10	FDP on POs , COs mapping		0.06	completed	1. Participant has understood articulation matrix of CO-PSO-PO and method of calculating level of Attainment	70	COLLEGE
11	Anusandhan ke vividh Aayam		0.21	completed	1. Participant understood gradations/ shades of Research	73	NATIONAL
12	FDP on Basics in Research and Securing IP		0.18	completed	1. Participant became able to identify research problems, acquired skills of writing research papers, aware about patent filing	22	COLLEGE
13	FDP on Radio Trans-mission Antennas		0.07	completed	1. Participants have got knowledge about Antenna design simulation software -CTS studio suite.	35	STATE
TOTAL :		6.50	3.86				





### **PART C**

#### **F. OVERALL IMPACT OF RUSA**

RUSA played a vital role in improvising the quality of teaching-learning processes, capacity building of faculties and infrastructural growth of the College. Two ICT enabled classrooms have been constructed and upgraded by RUSA which are being used for lectures, online meetings, webinars and seminars. The laboratories have been renovated that helps in inculcating research atmosphere among the students. Also various new equipments are procured under this scheme and they are very useful for experimental work and practical explanation. The upgraded research labs (Physics and Chemistry) have contributed to increased research output. New books are purchased under this scheme which is very helpful to faculty and students for new autonomous curriculum. All these things helped us to produce employable and competitive graduates, post-graduates and PhDs.

Certain Faculty development programs (Seminars, Conferences–National/ International) and social activities are executed under this scheme for capacity building of faculty. Skills and domain knowledge is enhanced. It helped the faculty members to develop research culture. Also the Research work and research quality is increased. Around 12 research papers have been published in UGC CARE, Scopus and Web of Science in 2020-21 and 15 research papers in 2021-22. Some Faculty development programs have helped the teachers in improving language communication skills and their technical knowledge regarding E-content development for online classroom teaching with smart board. The faculty development programs on Intellectual Property Right initiated the faculty to apply for patents. 03 faculties from department of Computer science Dr. R. Y. Patil, Dr. Vishal Waghmare and Dr. I. K. Mujawar have received the Australian Govt. Patent (October, 2022) and one faculty from department of Botany, Ms. Priya Patil received German Patent in September 2023.

#### **G. THREE OUTCOMES OF RUSA PROJECT WHICH HAS BENEFITTED COLLEGE AND STUDENTS**

1. Improvement in the quality of teaching-learning because of smart classrooms, ICT enabled classrooms, purchase of advanced equipments, renovation in Labs, purchasing of Books
2. Increased capacity of infrastructure to run more courses
3. Capacity building(skill and domain knowledge) of faculty: enhanced Research work and research quality

#### **H. SUCCESS STORY WITH RESPECT TO RUSA, IF ANY**

With the funding provided by RUSA, Vivekanand College, Kolhapur organized two national seminars/conferences on various aspects of Intellectual Property Rights. IQAC and RDPC of our college organized an FDP entitled “National Seminar on Basics in Research and Securing IP” on 1st March, 2021 which was sponsored by RUSA. Scientists like Mr. Udaysinh Ghatage having 36 national and 2 international patents on his account were invited to discuss the vision and process of Patenting. Inspired by this Seminar three of our Computer Science dept. faculty worked on an innovative idea on the same thought line. Dr. I. K. Mujawar, Dr.



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Vishal Waghmare and Dr. Rajashree Patil were rewarded with an Australian Government Patent on 27th Oct. 2021 for their research in 'use of ICT in the treatment of Cardio diseases'. This success story in turn inspired one more faculty from Botany Dept. named Miss. Priya Patil who received German Patent for her research in Botany in Sept. 2022.

SEAL AND SIGNATURE OF PRINCIPAL/ REGISTRAR, UNIVERSITY



**A. Construction**  
Floor view of Physics Department



**A. Construction**  
Department: Physics  
Passage= (size 2.75 x 33.75 m=92.81 m<sup>2</sup>)



**A. Construction**  
Department: Physics  
UG Lab-I

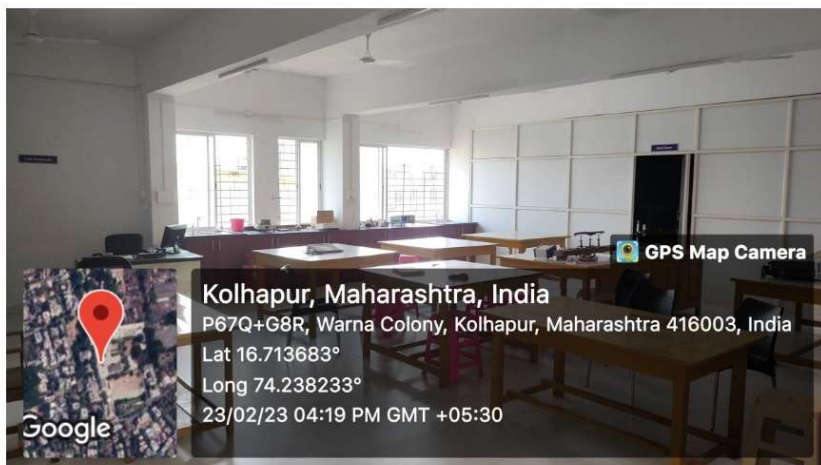




**A. Construction: Physics Department**  
Construction: Lab-I (size 9m x 12 m=108 m<sup>2</sup>)



**A. Construction: Physics Department**  
Construction: Lab-II (size 9m x 12 m=108 m<sup>2</sup>)



**A. Construction: Physics Department**  
Construction: Lab-III (size 9m x 12 m=108 m2)



**A. Construction: Physics Department**  
Construction: Staff Room =1 (size 3m x 9 m=27 m2)



**B. Renovation of Chemistry Laboratory:**  
Renovation of Lab (9): Lab entrance and Staff room

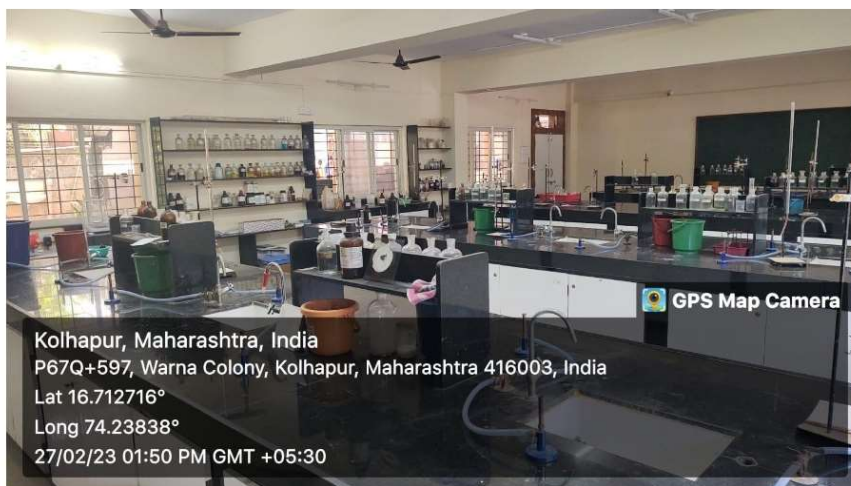


**B. Renovation of Chemistry Laboratory:**  
Renovation of Lab (9): Practical tables with storage cabinets, chemical storage cabinets, Green board, Flooring, Armstrong ceiling out grid ceiling, Decorative lighting and Aluminium ventilator etc.

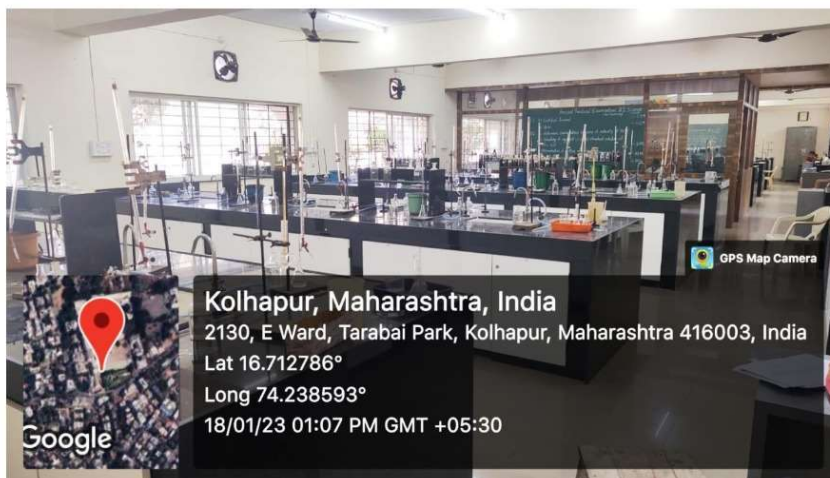




**B. Renovation of Chemistry Laboratory:**  
Renovation of Lab (5)(6): Lab entrance and Staff room



**B. Renovation of Chemistry Laboratory:**  
Renovation of Lab (5): Practical tables with storage cabinets, chemical storage cabinets, Green board, Flooring, Armstrong ceil out grid ceiling, etc.



**B. Renovation of Chemistry Laboratory:**

Renovation of Lab (5): Practical tables with storage cabinets, chemical storage cabinets, Green board, Flooring, Armstrong ceil out grid ceiling, etc



**B. Renovation of Chemistry Department:**

Renovation of Lab (6): Practical tables with storage cabinets, chemical storage cabinets, Green board, Flooring, Armstrong ceil out grid ceiling, etc.





**B. Renovation of class rooms**

Renovation of class room-1(13): Smart class room-1



**B. Renovation of class rooms:** Class room-1 (13): Smart class room-1  
Smart board, AC, Audio system with mic., Flooring, Decorative lights, Windows with roller type curtains, Staff table with chairs, Students desk, Storage cabinet, locker, Armstrong ceil out grid ceiling, Console table T. W. Panelled doors etc.



**B. Renovation of class rooms**

**Renovation of class room-2(19): Smart class room-2**



**B. Renovation of class rooms: Class room-2(19): Smart class room-2**

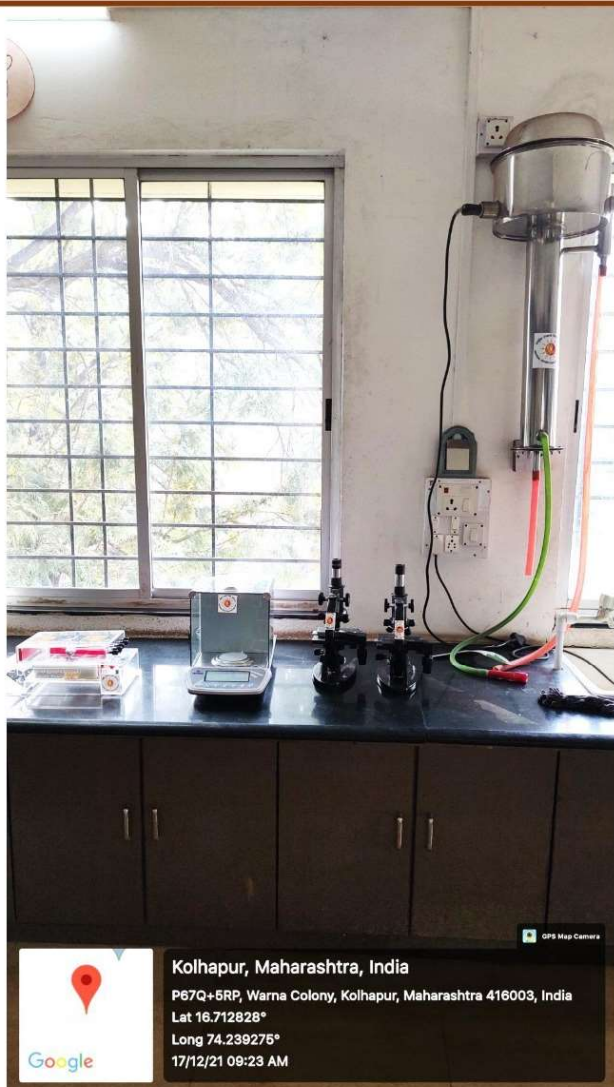
Smart board, AC, Audio system with mic., Flooring, Decorative lights, Windows with roller type curtains, Staff table with chairs, Students desk, Storage cabinet, locker, Armstrong ceiling grid, Console table T. W. Panelled doors etc.





**3. Laboratory Equipments:**

**Name of Equipment: Steam sterilizer (Department: Biotechnology)**



**3. Laboratory Equipments:**

**Name of Equipment: Electronics Balance, Microscope with oil immersion, Gel Electrophoresis unit and Distillation Unit (Department: Microbiology)**



**3. Laboratory Equipments:**

Name of Equipment: Study of Electron spin resonance- determine magnetic field as a function of the resonance frequency and N.M.R without C.R.O  
(Department: Physics)





**3. Laboratory Equipments:**

Name of Equipment: Thermal Mechanical equivalent of heat by Callender and Barne's constant method apparatus (Department: Physics)



**3. Laboratory Equipments:**

Name of Equipment: 3D-Printer (Department: Electronics)



**3. Laboratory Equipments:**

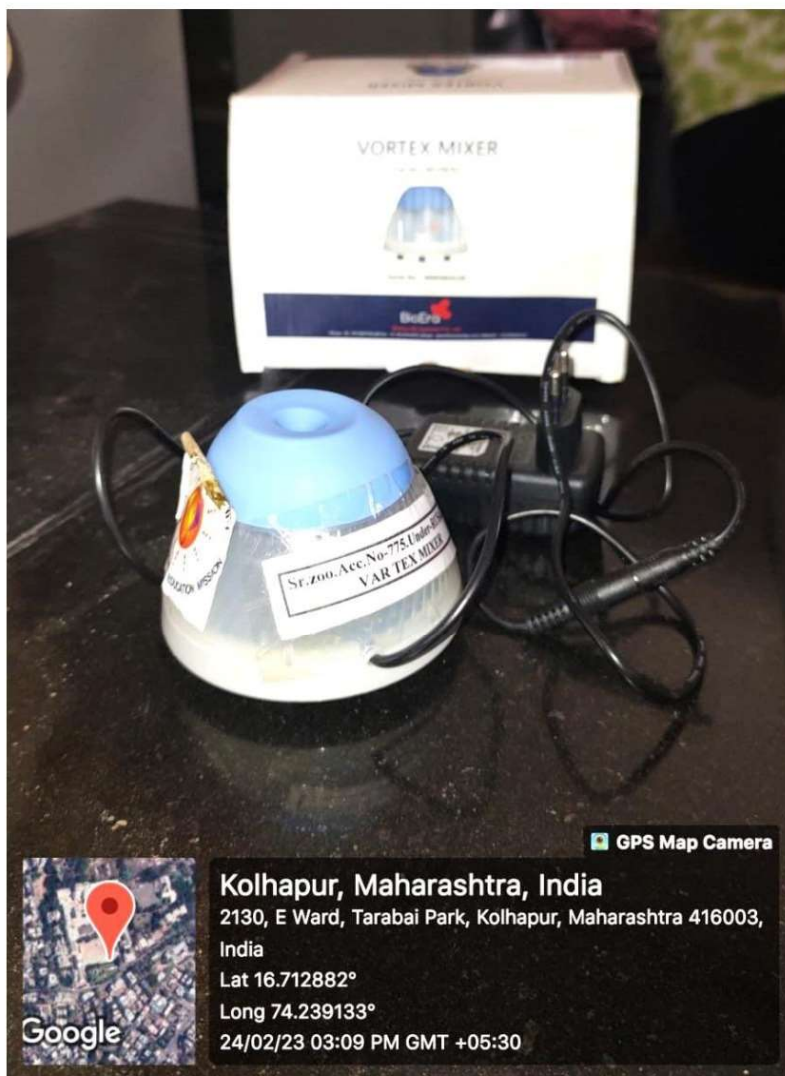
Name of Equipment: Distillation unit (Department: Zoology)





**3. Laboratory Equipments:**

Name of Equipment: Single beam spectrometer (Department: Zoology)



**3. Laboratory Equipments:**  
Name of Equipment: Vertex Mixer (Department: Zoology)