



Vivekanand College, Kolhapur (Autonomous)  
RUSA PROJECT CLOSURE REPORT

B.RENO-VATION/ UPGRAD- ATION	TYPE OF INFRASTR- UCTURE (Hostel/ lab etc)	SANCTIO- NED AMOUNT	AMOUNT UTILIZED	STATUS	NO. OF FACILITIES	LOCATION OF FACILITY	PURPOSE OF THE FACILITY (STUDENT/FA CULTY/BOTH)	NUMBER OF STUDENTS/ FACULTY BENEFITTED
(Chemistry Lab and Smart Classrooms )	1. Chemistry Lab	71.99	75.17	completed	<ul style="list-style-type: none"> <li>•Practical tables with Storage cabinets</li> <li>Table top chemical storage cabinets</li> <li>• Table top chemical storage cabinets</li> <li>• Reticulated gas piping</li> <li>Staff cabin with tables &amp; chairs</li> <li>•Students stools in stainless steel</li> </ul>	Room Nos. 5, 6, 9	Both	1400 students and 10 faculties
	2. ICT enabled Classrooms	23.00	22.96	completed	<ul style="list-style-type: none"> <li>•Flooring</li> <li>•Decorative lighting</li> <li>•Audio system</li> <li>•Smart board</li> <li>•Air conditioner</li> <li>•Staff table with chairs</li> <li>•Students desks</li> <li>•Storage cabinet, locker</li> <li>•Armstrong ceil out grid ceiling</li> </ul>	Room Nos. 13 & 19	Both	3000 students and 500 faculties
<b>TOTAL :</b>		<b>94.99</b>	<b>98.13</b>					

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

C. EQUIP- MENTS (If Not Applicable, kindly write NA)	TYPE OF EQUIPMENT	SANCTION- ED AMOUNT	NO. OF EQUIP- MENTS	AMOUNT UTILISED	STATUS (IN USE/ NOT IN USE)	LOCATION OF FACILITY	PURPOSE OF THE FACILITY (STUDENT/ FACULTY/ BOTH)	NUMBER OF STUDENTS/ FACULTY BENEFIT- TED
	Intensity using photo sensor and laser on diffraction pattern of single and double slits apparatus	15.00	01	0.21	IN USE	Physics Dept.	STUDENT	314
	Thermal Mechanical equivalent of heat by Callender and Barne's constant method apparatus		01	0.10	IN USE	Physics Dept.	STUDENT	314
	Conductivity by Angstrom's Apparatus		02	0.25	IN USE	Physics Dept.	STUDENT	314
	Thermal Coefficients of resistance by platinum resistance thermometer		01	0.18	IN USE	Physics Dept.	STUDENT	314
	Resistance Temperature device (RTD) using null method /off balance bridge		02	0.25	IN USE	Physics Dept.	STUDENT	314





Vivekanand College, Kolhapur (Autonomous)  
RUSA PROJECT CLOSURE REPORT

Study of Electron spin resonance	01	0.64	IN USE	Physlcs Dept.	STUDENT	314
To study the quantum tunnelling effect	01	0.10	IN USE	Physlcs Dept.	STUDENT	314
To determine the Coupling Coefficient of a Piezoelectric crystal,	01	0.43	IN USE	Physlcs Dept.	STUDENT	314
To determine the Ionization potential of mercury	01	0.10	IN USE	Physlcs Dept.	STUDENT	314
Frank and Heartz experiment	01	0.72	IN USE	Physlcs Dept.	STUDENT	314
Potentiometer	04	0.33	IN USE	Chemistry	STUDENT	1400
Colorimeter	01	0.15	IN USE	Chemlstry	STUDENT	1400
Digital Conductometer	12	1.32	IN USE	Chemistry	STUDENT	1400
Digital orbital shaker	01	0.28	IN USE	Chemistry	STUDENT	1400
Digital Electronics balance	03	0.89	IN USE	Chemistry	STUDENT	1400
Educational Microscopes	30	0.94	IN USE	Bötany	STUDENT	802
Dissecting Microscopes	25	0.24	IN USE	Botany	STUDENT	802
Steam sterilizer	01	1.30	IN USE	Biotechnology	STUDENT	224
Electronics Balance	01	0.40	IN USE	Microbiology	STUDENT	276
Microscope with oil immersion	07	0.56	IN USE	Microbiology	STUDENT	276
Gel Electrophoresis unit	01	0.21	IN USE	Microbiology	STUDENT	276
Distillation Unit	01	0.14	IN USE	Microbiology	STUDENT	276
Electronics Experimental Kits, 3D Printer, Raspberry Pi kits, Arduino UNO boards, Wireless robot kits etc. (Total 72 particulars)	--	3.27	IN USE	Electronics	STUDENT	276
Single beam spectrometer	01	1.53	IN USE	Zoology	STUDENT	717
Distillation unit	01	0.39	IN USE	Zoology	STUDENT	717
Vertex mixer	01	0.09	IN USE	Zoology	STUDENT	717
<b>Total:</b>		<b>15.00</b>		<b>15.00</b>		
<b>Books &amp; Journals Total:</b>		<b>5.00</b>		<b>5.00</b>		

1. All equipment purchased through RUSA is tagged with RUSA logo sticker/label? YES/NO YES

D. SOFT COMPONENT (If Not Applicable, kindly write NA)	TYPE OF ACTIVITY	SANCTIONED AMOUNT	AMOUNT UTILIZED	STATUS OF UTILITY	OUTCOME ACHIEVED	NO OF STUDENTS BENEFITTED	INTERNATIONAL/ STATE/ COLLEGE LEVEL	REMARKS IF ANY
1	FDP on Framing & executing Learning Outcomes	6.50	0.38	completed	1.Participants understand the concepts, Importance and relevance of Bloom's Taxonomy	61	COLLEGE	---





Vivekanand College, Kolhapur (Autonomous)  
RUSA PROJECT CLOSURE REPORT

					2. Participants gets aware about the process of evaluation and paper setting according to Learning Outcomes			
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	833	NATIONAL	---





Vivekanand College, Kolhapur (Autonomous)  
RUSA PROJECT CLOSURE REPORT

					process amongst faculty regarding their role & responsibilities			
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 Transmission Antennas		0.07	completed	1. Participants have got knowledge about Antenna design simulation software - CTS studio suite.	35	STATE	-----
<b>TOTAL :</b>		<b>6.50</b>	<b>3.86</b>					







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



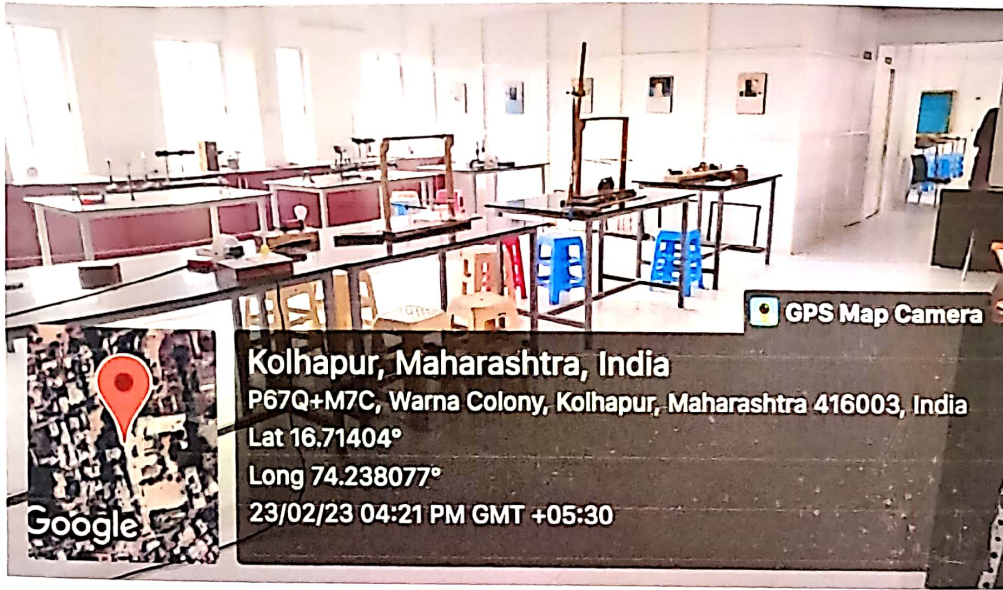
**A. Construction**  
Department: Physics  
Passage= (size 2.75 x 33.75 m=92.81 m<sup>2</sup>)



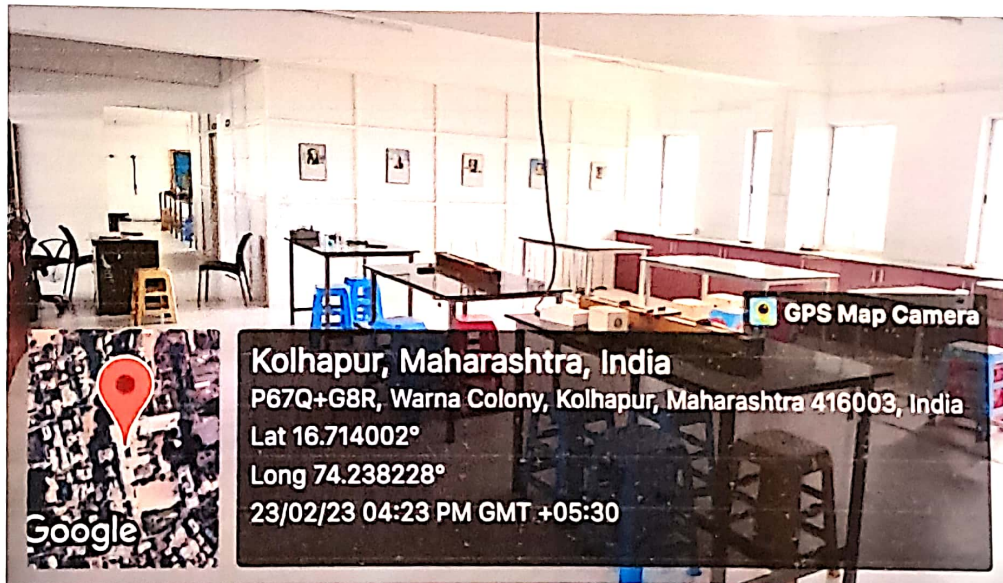
**A. Construction**  
Department: Physics  
UG Lab-I



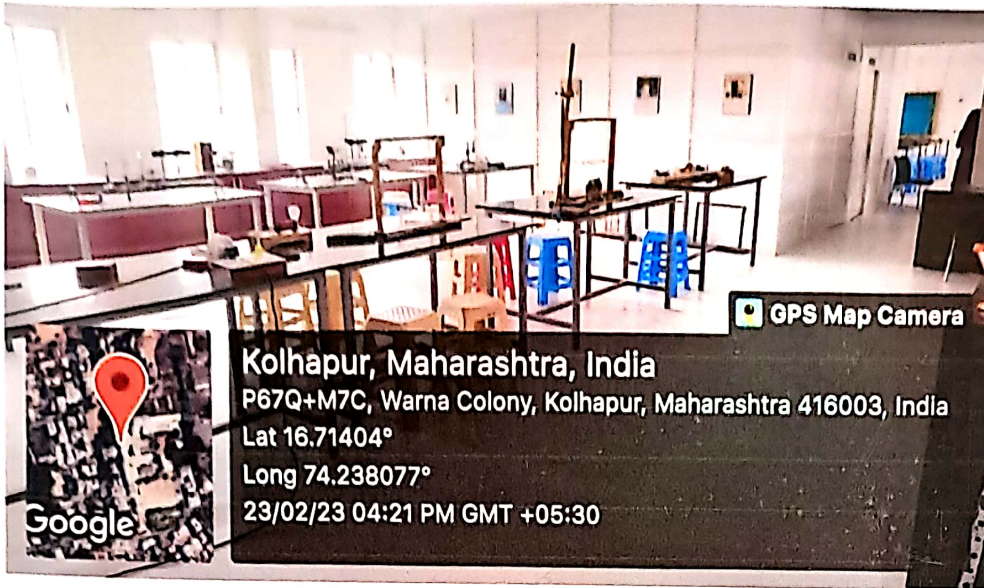




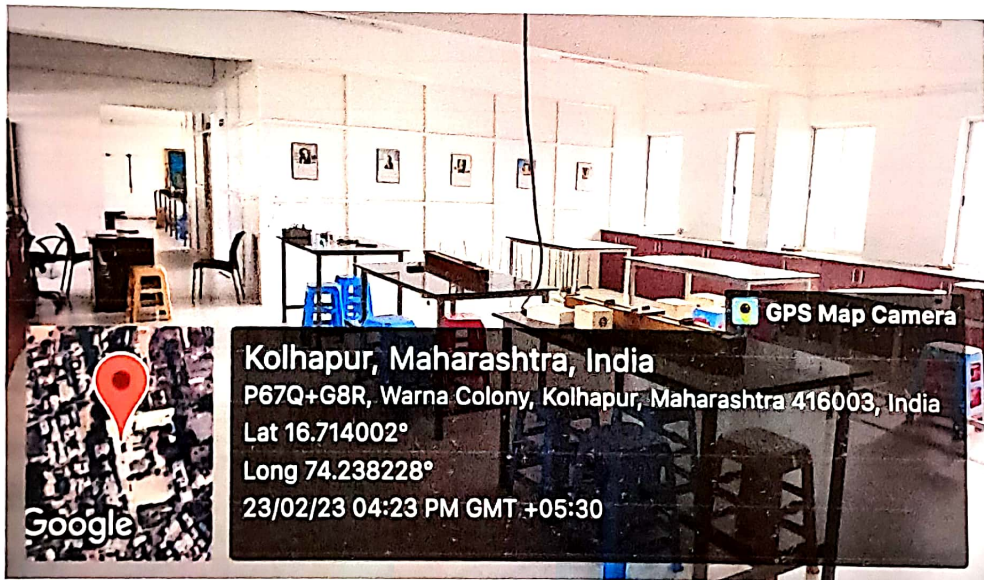
A. Construction: Physics Department  
Construction: Lab-I (size 9m x 12 m=108 m<sup>2</sup>)



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

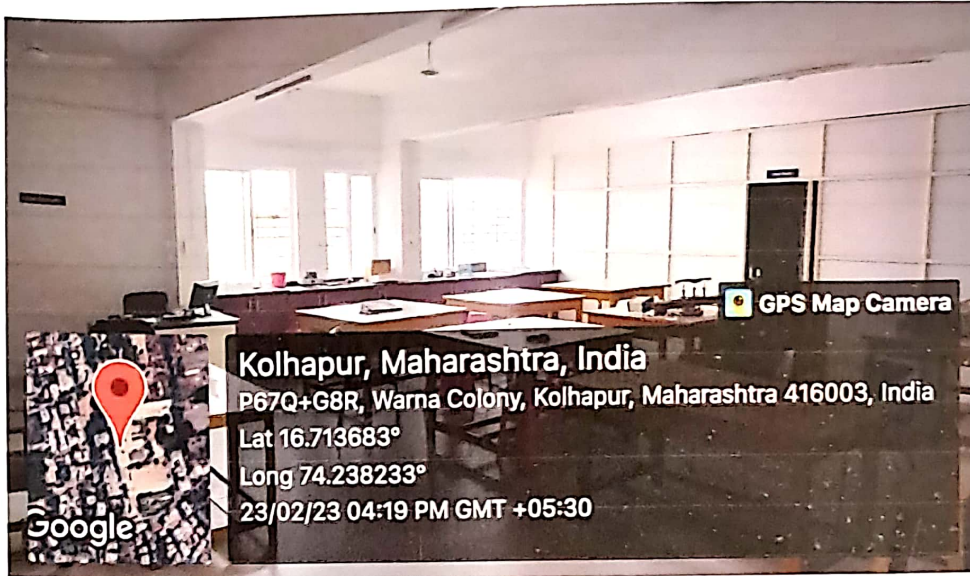


A. Construction: Physics Department  
Construction: Lab-I (size 9m x 12 m=108 m<sup>2</sup>)



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 m<sup>2</sup>)

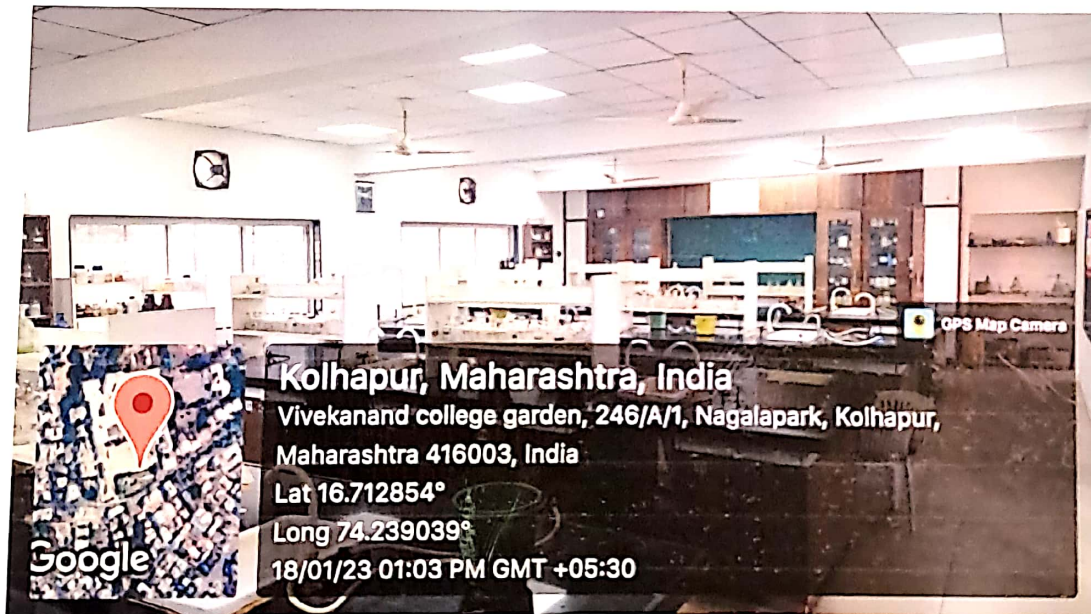


A. Construction: Physics Department  
Construction: Staff Room =1 (size 3m x 9 m=27 m<sup>2</sup>)





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

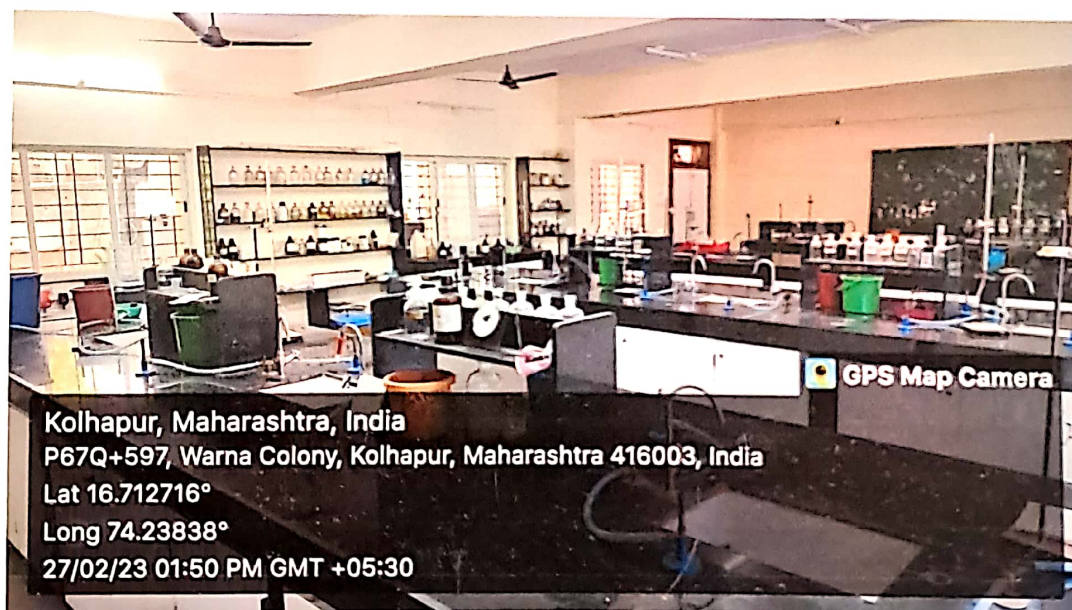


**B. Renovation of Chemistry Laboratory:**  
**Renovation of Lab (9): Practical tables with storage cabinets, chemical storage cabinets, Green board, Flooring, Armstrong ceil out grid ceiling, Decorative lighting and Aluminium ventilator etc.**



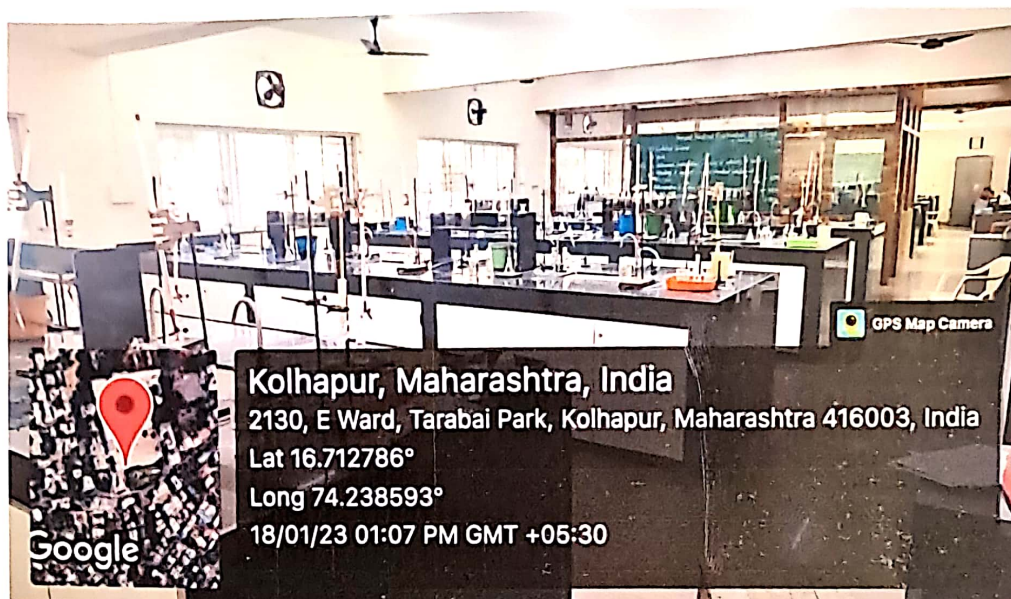


**B. Renovation of Chemistry Laboratory:**  
Renovation of Lab (5)(6): Lab entrance and Staff room



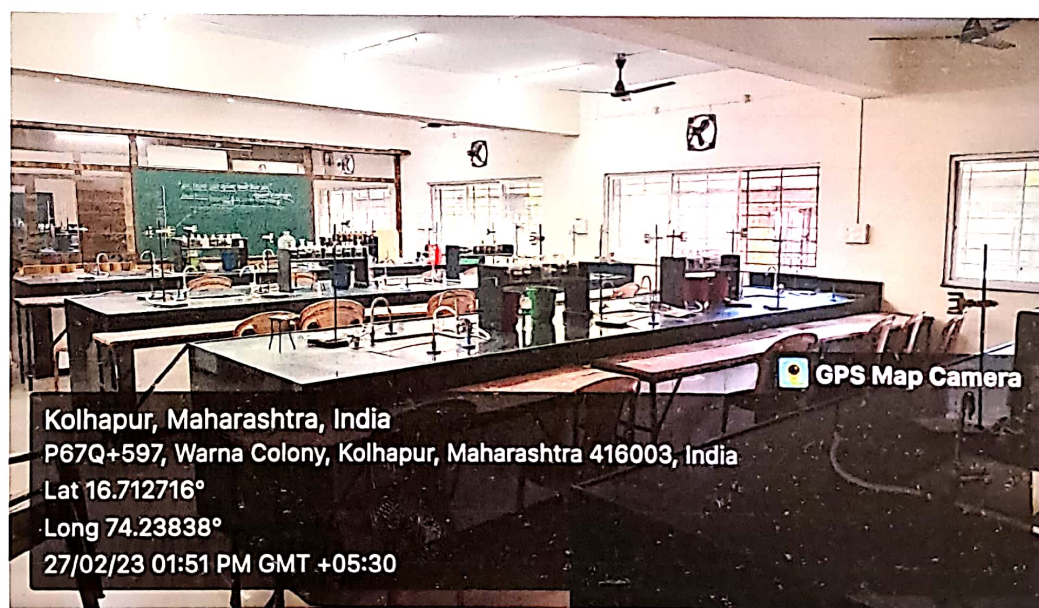
**B. Renovation of Chemistry Laboratory:**  
Renovation of Lab (5): Practical tables with storage cabinets, chemical storage cabinets, Green board, Flooring, Armstrong ceil out grid ceiling, etc.





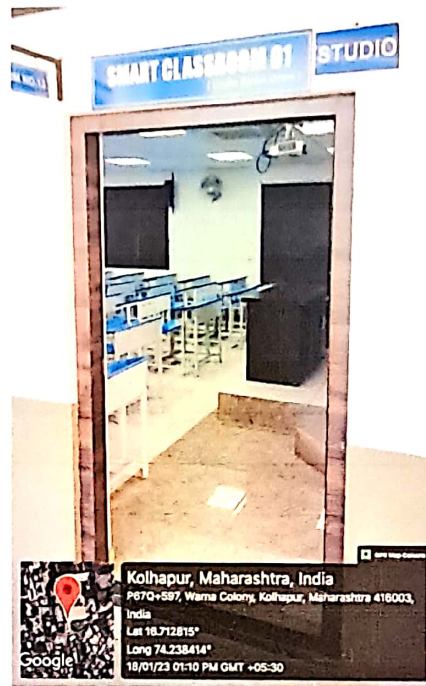
**B. Renovation of Chemistry Laboratory:**

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

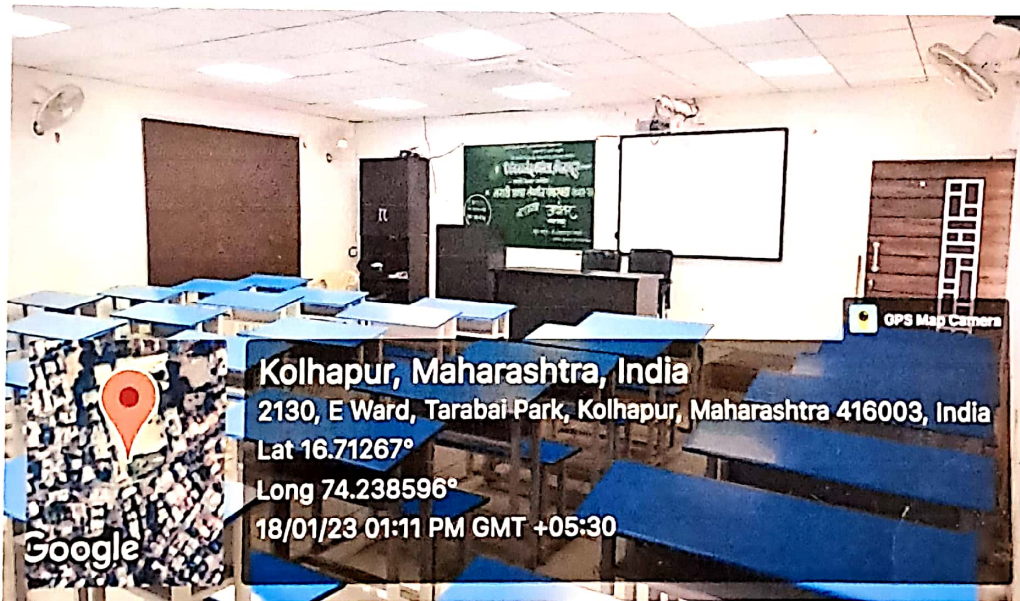


**B. Renovation of Chemistry Department:**

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

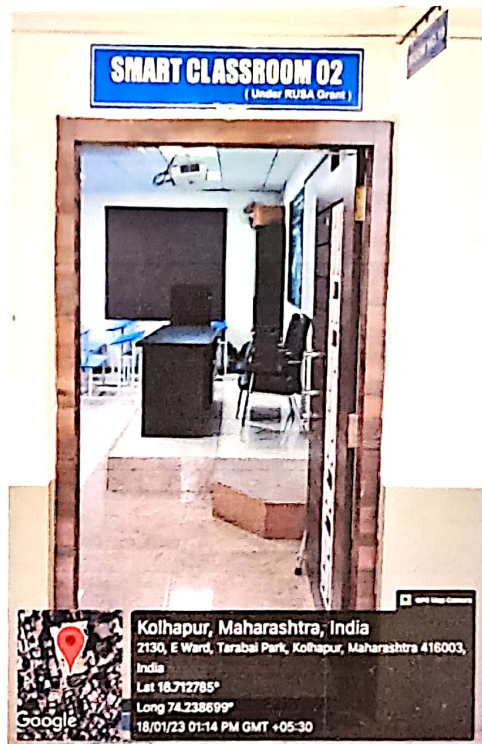


**B. Renovation of class rooms**  
**Renovation of class room-1(13): Smart class room-1**



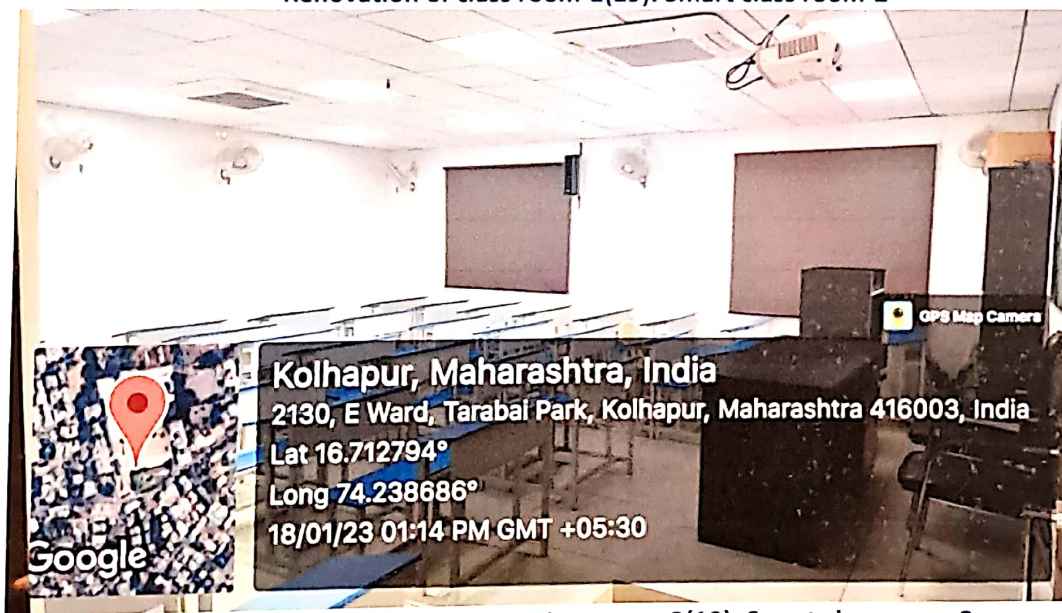
**B. Renovation of class rooms: Class room-1 (13): Smart class room-1**  
Smart board, AC, Audio system with mic., Flooring, Decorative lights, Windows with roller type curtains, Staff table with chairs, Students desk, Storage cabinet, locker, Armstrong ceil out grid ceiling, Console table T. W. Panelled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

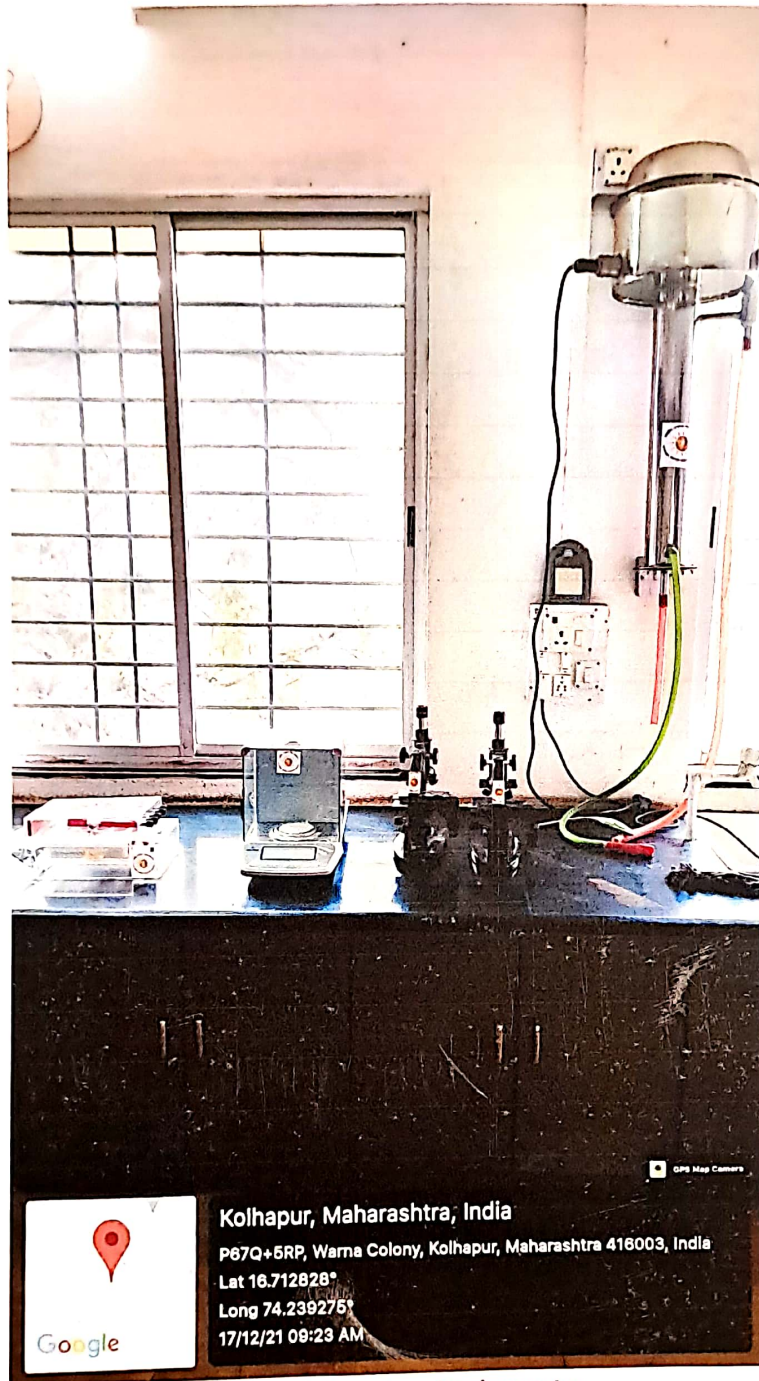
Smart board, AC, Audio system with mic., Flooring, Decorative lights, Windows with roller type curtains, Staff table with chairs, Students desk, Storage cabinet, locker, Armstrong ceil out grid ceiling, Console table T. W. Panelled doors etc.



**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)





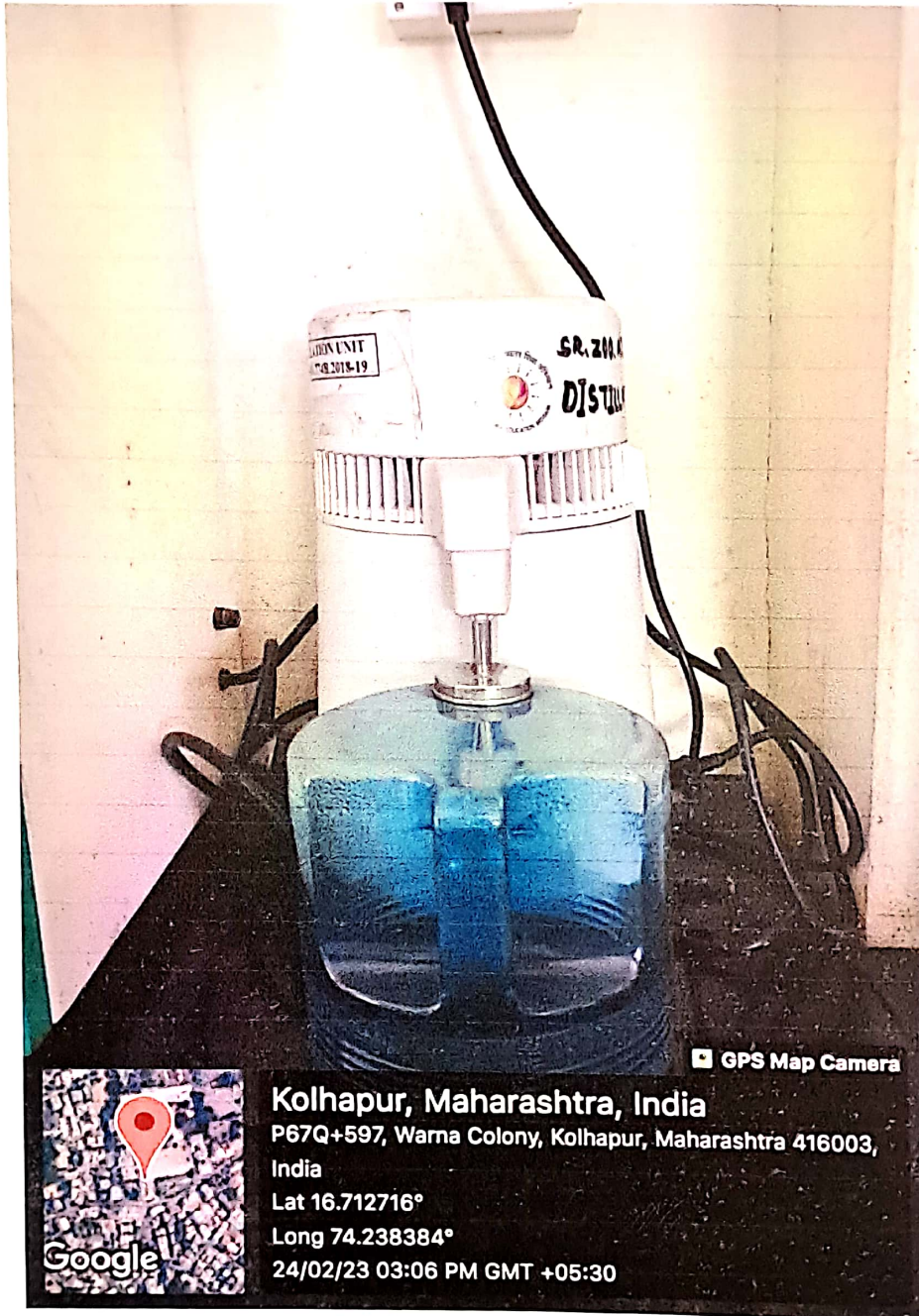
**3. Laboratory Equipments:**

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



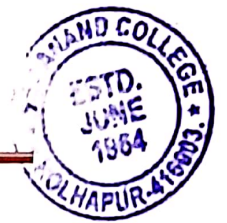


3. Laboratory Equipments:  
Name of Equipment: 3D-Printer (Department: Electronics)



3. Laboratory Equipments:  
Name of Equipment: Distillation unit (Department: Zoology)

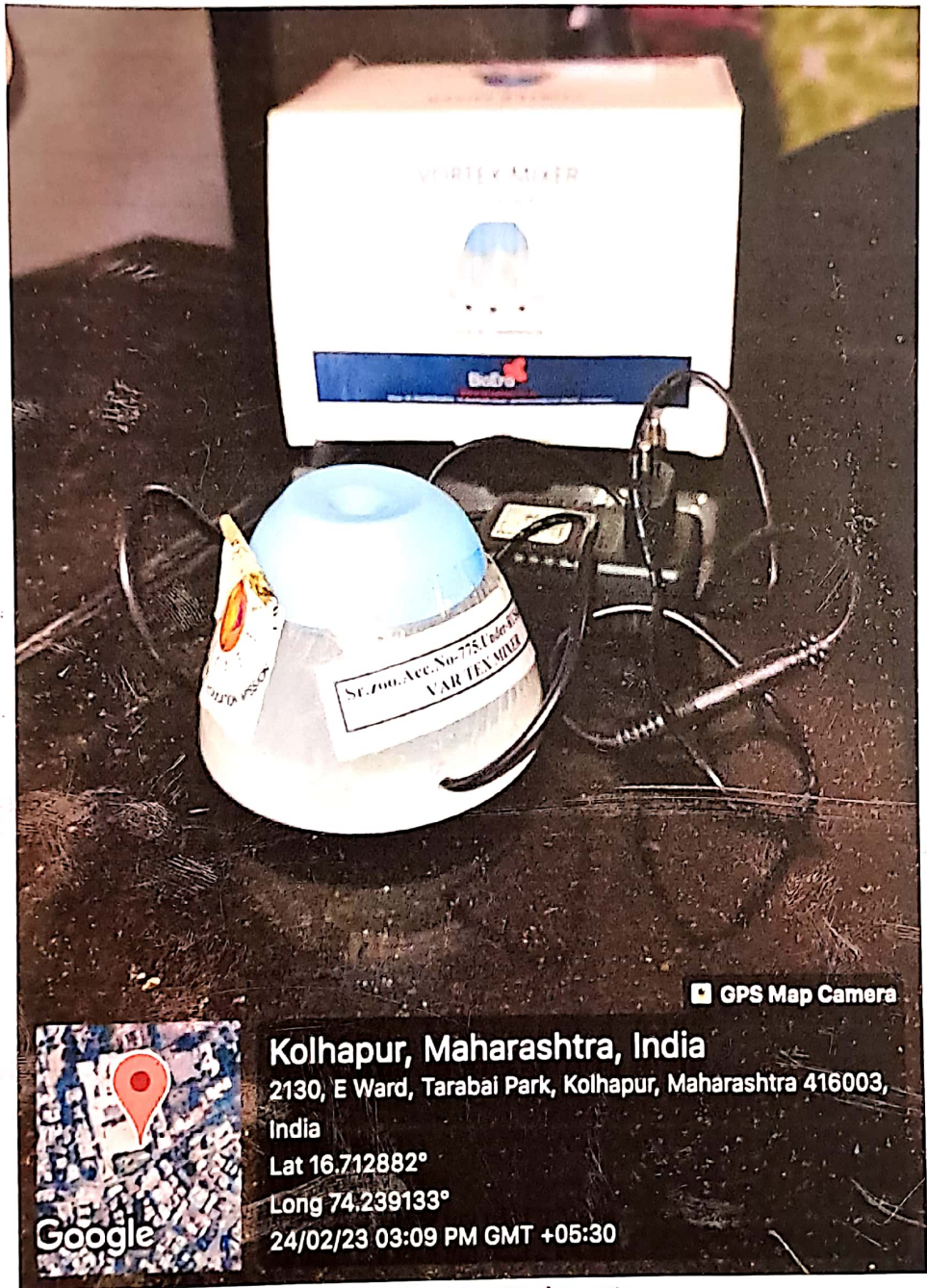




**3. Laboratory Equipments:**

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





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



Shri Swami Vivekanand Shikshan Sanstha's  
**VIVEKANAND COLLEGE (AUTONOMOUS), KOLHAPUR**

2130, 'E' Tarabai Park, Kolhapur, Dist. Kolhapur-416 003  
Affiliated to Shivaji University, Kolhapur (M.S.)

NAAC Reaccredited: "A" (CGPA 3.24) on 19-01-16 (1st Cycle)  
College with Potential for Excellence (Twice)  
"Star College" by D.H.T. Govt. of India



PA. T. 0231-2658612, 2658840 FAX: 0231-2658840 Resi: 0231-2653912 Website: www.vivekanandcollege.org E-mail: info@vivekanandcollege.org

Founder Dr. Dadasaheb Sankarshikhe D. Lit.	President Hon. Chandrakant Dada Patil Member of Reserve High & Rehabilitation, Public Works, Govt. of Maharashtra	Chairman Prof. Abhay Anwar Sankhde M.A.	Secretary Prof. Mrs. Shubhangi Gavade M. Ed., B. Ed.	Principal Dr. S. Y. Hongekar M.A., M.Ed., P.G.D.T.C. M.Phil., Ph.D.
--	--	---	--	--

Ref No. VCC/ 1039/2018-19

Date: 11/08/2018

To  
Smt. Meeta Rajivlochan  
Principal Secretary and  
State Project Director (SPD) Maharashtra  
Rashtriya Uchchatar Shiksha Abhiyan (RUSA)  
Govt. of Maharashtra,  
Unit No.2, 18<sup>th</sup> Floor, Centre 1, World Trade Centre,  
Cuffe Parade, Colaba, Mumbai - 400005.

Sub.: Regarding (RUSA) Component 9: Infrastructure  
Grant to colleges  
Revised Detailed Project Report

Respected Madam,

With reference to the above mentioned subject we are herewith  
submitting the proposal of Infrastructure grant to colleges of RUSA  
with revised detailed project report.

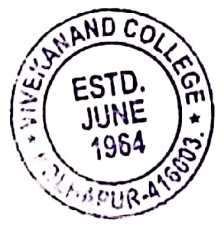
Please consider positively and oblige.

Thanking you,

Yours faithfully,  
  
(Dr. S. Y. Hongekar)  
PRINCIPAL  
Vivekanand College  
Kolhapur

OK

Encl.: As above.





### DETAILED PROJECT REPORT

#### The Institutional Vision & Mission.

##### Vision:

Our college will be an educational center devoted to the "Dissemination of Education for Knowledge, Science and Culture."

##### Mission:

Our mission is to strive hard to realize the vision of our founder Dr. Bapuji Salunkhe, i.e. to make education accessible to the masses, and to mould responsible citizens by inculcating noble values and a thirst for knowledge.

#### Institutional Basic Information

**Name of the Institution** : Vivekanand College, Kolhapur (Autonomous)  
**Address of the Institute** : 2130, E, Tarabal Park, Kolhapur - 416 003.  
**Is the institute approved by regulatory body** : Yes  
**Furnish Approval No.** : SU/Affi./T-2/SSP/7660 dt. 22/10/2003  
**Type of Institution** : Govt. Aided  
**Status of Institution** : Autonomous Institute as declared by University  
**Year of Establishment** : June 1964  
**Whether included under 12B of UGC Act** : Yes  
**Whether included under 2F of UGC Act** : Yes  
**NAAC Accreditation** : Yes  
**NAAC CGPA Score** :  
**Current Cycle:** 3.24 **Previous Cycle 1:** 2.88 **Previous Cycle 2:** 3.12  
**NAAC Certificate Date:** January 19, 2016 **Validity upto:** 18 January, 2021

#### Contact details for the institute:

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	sunilmalgaonkar67@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



**Academic Information:**

- UG/PG/Ph.D. programs offered in current academic year.

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

**Faculty Position Details**

S.No	Name of the Program	State Government Sanctioned Permanent College Teaching	State Government Permanent Sanctioned positions filled	State Government Sanctioned Permanent vacant positions	Total Number of Adhoc / Temporary/ Contractual faculty Positions filled	Percentage of Filled Positions
1	B.A.	25	21	04	04	71.76
2	B.Com.	04	03	01	01	
3	B.Sc.	56	26	30	06	
	Total	85	50	35	11	71.76

Note: Other programs offered by institute is on Self Finance/Non-grantable basis.

