

## KSKW Arts, Science and Commerce College, CIDCO, Nashik-422008

**Note:** This Academic and Administrative Audit form (Treat as CAS form) as per Government of Maharashtra, vide its Resolution No. Misc-2018/C.R.56/18/UNI-I, dated 8th March 2019

## PART 'A' YEAR OF PERFORMANCE APPRAISAL: 2022-2023

#### **SECTION – A : GENERAL** PART A: GENERAL INFORMATION AND ACADEMIC BACKGROUND 1. Name (in Block Letters) :- DR. DNYANESHWAR NARAYAN PAWAR 2. Father's Name :- Narayan Govinda Pawar 3. Department :- Geography 4. Current Designation & Grade Pay :- Associate Professor Level -13A (131400-217100) 5. Date of last Promotion :- 03/04/2023 6. Which position and grade pay are you an applicant under CAS?: -7. Date of eligibility for promotion :- 03/04/2023 8. Date and Place of Birth :- 02/11/1984 Nimon, Tal-Chandwad, Nashik 9. Sex :- Male **10. Marital status** :- Married **11.** Nationality :- Indian 12. Indicate whether belongs to SC/ST/OBC category :- Open 13. Address for correspondence (with Pincode) :- RH3, Anjani Park, Swami Nagar, Makhamalabad Road, Panchavati-422 003

14. Permanent Address (with Pin code) :- At-Varadi Post-Kundalgaon,

Tal-Chandwad Dist-Nashik - 423 104

**Email** :- <u>dmauli2007@gmail.com</u>

**15. Academic Qualifications** (Matric till post-graduation) :-

Examinations	Board/	Year of	% of marks	Division/	Subject
	University	Passing	obtained	Class/Grade	
SSC	Nashik	2000	59.47	Higher Second	General
HSC	Nashik	2002	66.00	First Class	General (Arts)
B.A.	SPPU, Pune	2005	76.50	First class with	Geography
				Distinction	
M.A.	SPPU, Pune	2007	78.80	First class with	Geography
				Distinction	
NET	UGC	2009	Pass	Pass	Geography

## **18. Research Degree(s)**

Degrees	Title	Date of	University
		award	
Ph.D.	Land Evaluation for Land Resource Management-A	02/08/2013	SPPU,
	Study of Ghera Sinhagad Land System Western		Pune
	Maharashtra		

#### 1. Appointments held prior to joining this institution

	Name of Employer	Date of Joining		Salary with	Reason of
Designation		Joining	leaving	Grade	leaving
		NA			

### 18. Posts held after appointment at this institution: -

Designation	Department	Date of ac	Date of actual Joining		
		From	То		
Assistant Professor	Geography	17/01/2011	17/01/2015	6000	
Assistant Professor	Geography	17/01/2015	17/01/2020	7000	
Assistant Professor	Geography	17/01/2020	02/04/2023	8000	
Associate Professor	Geography	03/04/2023		-	

### **19.** Period of teaching experience:

P.G. Classes (in years) :10 years U.G. Classes (in years) :13 Year

### 20. Research Experience excluding years spent in M. Phil / Ph. D (in years): 10

## 21. Fields of Specialization under the Subject / Discipline

(a) Geography (b) Geomorphology

#### 22. Academic Staff College Orientation / Refresher Course attended:

Sr.	Name of the Course	Place	Duration	Sponsoring
No.				Agency
1	District Level Master	MEETRA, Nashik	07/10/2023 -	Yashada Pune
	Training programme		10/10/2023	
2	Works skills & Pro-social	M.V.P. Ssmaj's HRD, Nashik	1 Day	HRDC MVP
	Behavioral Development		21/04/2023	
	for senior and professional			
	college teachers			

## **SECTION - B:**

## Appendix –II

## Table 1 Assessment criteria and methodology for college teachers

### CATEGORY I: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

Activity 1: Teaching							
Course/Paper	Level (UG or PG)	Mode of Teachin g *	Total Class es Assig ned	Nu mb er of Cla sses assi gn	Number of Classes taught as per document ed record #	(Numbe r of Classes taught/T otal Classes assigne) x 100% Classes	Grad ing
Gg 110 A Physical Geography (Sem I)	UG	LST	3	45	44		
Gg 110 B Human Geography (Sem II)	UG	LST	3	45	44		
Gg 210 A Practical Geography–I (Scale and Map Projections)	UG	PTS	6	60	62		
Gg 210 B Practical Geography–II (Cartographic Techniques, Surveying and Excursion / Village / Project Report)	UG	PTS	6	60	65		
Gg 301 A Practical Geography – I (Techniques of Spatial Analysis)	UG	PTS	6	45	45	.48	poc
Gg 301 B Practical Geography – II (Techniques of Spatial Analysis, Surveying and Excursion / Village / Project Report	UG	PTS	6	45	42	95	Ŭ
GGUT 243 Watershed Management	PG	LST	2	30	22		
GGUP 237 Practical in Geoinformatics	PG	PTS	2	30	22		
GGUP 256 Practical in Watershed Analysis	PG	PTS	2	30	28		
GGUP 259 Dissertation	PG	PTS	2	30	27		
Total			32	420	401		
* Lecture (L), Seminar (S), Tutorial (T), P	ractical	(P) #	Contact	Hours	(C) 80% & a	above – Go	od
Below 80% but 70% & above-Satisfactory Less than 70% - Not satisfactory							

## Activity 2: Involvement in Students-Related Activities/ Research Activities

(a) Administrative responsibilities such as; Head/Chairperson/Dean/ Director/ Coordinator, Warden etc.

(b) Examination and evaluation duties assigned by the University or attending the examination paper evaluation.

(c) Student related co-curricular, extension and field-based activities such as student clubs, career counselling, study visits, student seminars and other events, cultural, sports, NCC, NSS and community services.

(d) Organizing seminars/ conferences/ workshops, other college/university activities.

(e) Evidence of being actively involved in guiding Ph.D. students.

(f) Conducting minor or major research project (s) sponsored by national or international agencies.

(g) At least one single or joint publication in peer- reviewed or UGC list of Journals.

Detail of Activities	category	Number of Activities during Assessment	Grading
IQAC /NAAC Coordinator	А		
Coordinator –Academic and Research (ARC)	А		
Coordinator- Environment Awareness	Α		
Member -Academic and Administrative Audit (AAA)	А		
Member -College Development Committee (CDC)	Α		
Coordinator-AISHE	Α		
Member- College Magazine Committee	А		
Member -College Website Committee	Α		
Member-Geography Association	Α		
Member-Best College Award Committee	Α		
Member-NEP 2020	А		poo
Member-Research Development Cell	Α		G
Member-Vishaka Committee	Α		
Paper Setting: FYBA Mid Term examination	Α		
Paper Setting and Internal Examiner: SYBA Practical Batch I & II	В		
Paper Setting & Internal Examiner: UG Environment Awareness	В		
Paper Setting. PG university	В		
IQAC conducted various audits committee	С		
Organizer of various state/national/international level webinars	D		
Conducted field survey for dissertation projects	D		
Organized about 95 events/programmer with collaboration of departments	D		
Actively involved in guiding Ph.D. students	E		

**Overall Grading:** Good: Good in teaching and satisfactory or good in activity at Sl.No.2.Or Satisfactory: Satisfactory in teaching and good or satisfactory in activity at Sl.No.2. Not Satisfactory: If neither good nor satisfactory in overall grading Note: For the purpose of assessing the grading of Activity at Serial No. 1 i.e. Teaching all such periods of duration which have been spent by the teacher on different kinds of paid leaves such as Maternity Leave, Child Care Leave, Study Leave, Extraordinary Leave, Sabbatical, Medical Leave etc. and Deputation shall be excluded from the grading assessment. The teacher shall be assessed for the remaining period of duration and the same shall be extrapolated for the entire period of assessment to arrive at the grading of the teacher. The teacher on such leaves or deputation as mentioned above shall not be put to any disadvantage due to his/her absence from his/her teaching responsibilities subject to such leaves /deputation was undertaken with the prior approval of the competent authority following all procedures laid down in these regulations and as the acts, statutes and ordinances of the parent institution.

## <u>Table 2</u> Methodology for University and College Teachers for calculating Academic/Research Score

(Assessment must be based on evidence produced by the teacher such as: copy of publication, project sanction letter, utilization and completion certificates issued by the University and acknowledge for patent filing and approval letters, students Ph.D. awarded letter etc.)

S N	Academic/Research Activity	Faculty of Sciences/ Engineering/A griculture/Med ical/ Veterinary Sciences	Faculty of languages/ Humanities/Arts/ Social Sciences/ Library/ Education/ Physical Education/ Commerce/Manag ement & other related disciplines	Self- apprais al Score	Verifi ed Score			
	<b>Research Papers in Peer-</b> <b>Reviewed or UGC listed Journals</b>	08 per paper	10 per paper	9.1	9.1			
	The Research score for research pa Peer-Reviewed or UGC-listed journ Reuter's list): Dnyaneshwar Pawar, Pravin Nal environmental assessment of soil s techniques. IJFANS, Vol-11 Issue 12	<ul> <li>The Research score for research papers would be augmented as follows:</li> <li>Peer-Reviewed or UGC-listed journals (Impact factor to be determined as per Thomson Reuter's list):</li> <li>Dnyaneshwar Pawar, Pravin Nalawade, Kirti Somvanshi (2022) Village level geo-environmental assessment of soil site suitability for grapes cultivation using geospatial</li> </ul>						
1	i) Paper in refereed journals without	9.1	9.1					
	ii) Papers with impact factor less that							
	iii) Papers with impact factor betwee							
	iv) Papers with impact factor between	n 2 and 5 : 20	0 Points					
	v) Papers with impact factor between	<b>5</b> and 10 <b>:</b> 25	5 Points					
	vi) Papers with impact factor > 10	: 30	) Points					
	a) Two authors : 70% of total value c	of publication for e	each author					
	b) More than two authors : 70% of first/principal/ corresponding authors							
	publication for each of the joint author	Or		0.1	0.1			
			Total	9.1	9.1			
	(a) Books outhored which are public	papers)			l			
	International publishers	12	12					
	National publishers	10	10					
	Chapter in Edited Book	05	05					
	Editor of Book by International	10	10					
2	Publisher	10	10					
	Editor of Book by National Publisher	08	08					
	(b) Translation works in Indian and	d Foreign Langu	age by qualified					
	faculties							
	Chapter or Research paper	03	03		1			
	Book	08	08					
			Total	00	00			

	Creation of ICT mediated Teaching content and development of new an	g Learning peda Id innovative cou	gogy and 1rse and			
	curricula					
	(a) Development of Innovative pedagogy	05	05			
	(b) Design of new curricula and courses	02 per curricula /course	02 per curricula/ course	00		
	(c) MOOCs	/ COULSC	course			
	Development of complete MOOCs in 4 quadrants (4 credit course) (In case of MOOCs of lesser credits 05 marks/credit)	20	20			
	MOOCs (developed in 4 quadrant) per module/lecture	05	05			
3	Content writer/subject matter expert for each module of MOOCs (at least one quadrant)	02	02			
	Course coordinator for MOOCs (4 credit course) (In case of MOOCs of lesser credits 05 marks/credit)	08	08			
	(d) E-Content		-			
	Development of e-Content in 4 quadrant for a complete course/e- book	12	12			
	Contribution to development of e- content module in complete course/paper/e-book (at least one quadrant)	02	02			
	Editor of e-content for complete course/paper/e-book	10	10			
			Total	00	00	
	(a) Research Guidance					
	Ph. D.	10/degree awarded	10/degree awarded			
4		05/ thesis submitted	05/thesis submitted			
	P.G. dissertation	02/degree awarded	02/degree awarded	04	04	
	Priyanka Joshi (2022-2023): Assessment and Mapping of Canal Irrigation Structure using field investigation and GIS:A Case Study of Waghad Left Bank, (0-10 Km) Nashik DistrictDivya Chaudhari (2022-2023): A Geoinformatics approach in the Infrastructure mapping of Waghad Left Bank Canal Command Area , Nashik District, Maharashtra					
	Note: For joint supervision of researc total score for supervisor and Co-sup	h students, the fo ervisor.	rmula shall be 70%	o of the		
	Supervisor and Co-supervisor, both s	hall get 7 marks e	each.			
	(b) Research Projects Completed					

	More than 10 lakhs	10	10		
	Less than 10 lakhs	05	05		
	Research Projects On-going	·			
	More than 10 lakhs	05	05		
	Less than 10 lakhs	02	02		
	Note: Joint Projects: Principal Inves	stigator and Co-inv	vestigator would		
	get 50%	6 each	-		
	(c) Consultancy	03	03		
		1	Total		
	(a) Patents				
	International	10	10		
	National	07	07		
	(b)* Policy documents (Submit	ted to an Inte	ernational body		
	/organization like UNO/UNES	SCO/World Ba	nk/International		
_	Monetary Fund etc. Or Central Go	overnment or Sta	te Government)		
5	International	10	10		
	National	07	07		
	State	04	04		
	Awards/ Fellowship				
	International	07	07		
	National	05	05	05	05
	Rashtriy Shiksha Ratna Puraskar 20	023 by Real Indo	Global Vision		
	Social Development Gurukul Found	ation, Dhule date	on 4/06/2023		0.7
	Social Development Gurukul Found	ation, Dhule date	on 4/06/2023 Total	05	05
	Social Development Gurukul Found *Invited lectures/Resource Person/	ation, Dhule date	on 4/06/2023 Total on in seminars/	05	05
	Social Development Gurukul Found *Invited lectures/Resource Person/ Conferences/full paper in conferen in Seminar/Conference and also pu	ation, Dhule date paper presentations the proceeding (Paper proceeding (Paper proceeding (Paper proceeding (Paper proceeding (Paper proceeding paper proceeding (Paper proceeding paper proceeding paper pap	on 4/06/2023 Total on in seminars/ aper presented	05	05
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6	<ul> <li>Social Development Gurukul Found</li> <li>*Invited lectures/Resource Person/ Conferences/full paper in conferent in Seminar/Conference and also put conference Proceeding will be court International (Abroad)</li> <li>International (Within Country)</li> <li>National</li> <li>State/University</li> <li>1. National: Present a paper entitled catchment, Maharashtra in the 34t Geomorphology, Natural Hazard Department of Geography, SPPU de</li> <li>2. National: Present a paper entitle conference of Geography, SPPU de</li> <li>3. National: Present a paper entitled mapping for Sustainable Land F National Conference of the IGI of and Environment organized by De</li> </ul>	ation, Dhule date (paper presentation (paper pres	on 4/06/2023 Total on in seminars/ aper presented aper in 07 05 03 02 71 of Tavarja lake ence of the IGI on ent organized by 2022. and Slope Wise ofference of the IGI nent organized by 2022. k Assessment and ment in the 34th , Natural Hazards aphy, SPPU dated	05 15 32	05 15 32
6	<ul> <li>Social Development Gurukul Found</li> <li>*Invited lectures/Resource Person/ Conferences/full paper in conferent in Seminar/Conference and also put conference Proceeding will be court International (Abroad)</li> <li>International (Within Country)</li> <li>National</li> <li>State/University</li> <li>1. National: Present a paper entitled catchment, Maharashtra in the 34t Geomorphology, Natural Hazard Department of Geography, SPPU d</li> <li>2. National: Present a paper entitle on Geomorphology, Natural Hazard Department of Soil Properties in the on Geomorphology, Natural Hazard Department of Geography, SPPU d</li> <li>3. National: Present a paper entitled Mapping for Sustainable Land F National Conference of the IGI of and Environment organized by De- on 02-04 Nov 2022.</li> </ul>	ation, Dhule date (paper presentation (paper pres	on 4/06/2023 Total on in seminars/ aper presented aper in 07 05 03 02 (1 of Tavarja lake ence of the IGI on ent organized by 2022. and Slope Wise ofference of the IGI nent organized by 2022. and Slope Wise ofference of the IGI nent organized by 2022. k Assessment and ment in the 34th , Natural Hazards aphy, SPPU dated	05 15 32	05 15 32

	Department of Geography SPPU dated on 02-04 Nov 2022	
5	National: Presented a paper entitled Achievement and Challenges in 75	
J.	Vears Indian Freedom' in the National Conference of the IGI on 75	
	Years Indian Freedom : Achievement and Challenges organized by	
	IDMVP Nutan Maratha College Jalgaon and RIGVSD Dhule dated	
	on $A^{\text{th}}$ June 2023	
6	Delivered a lecture on 'Energy Conservation and Ecofriendly Life' at	
0.	CGP Arts Science and Commerce College Sakri Dist Dhule on 30th	
	May 2023	
7	Delivered a lecture on Geoinformatics Applications: case studies as a	
1.	resource person at National Refresher Course in Environment Science	
	LIGC-HRDC SPPIJ Pune and KTHM College Nashik dated 11 March	
	2023	
8.	Delivered a lecture on Geomorphology and Environment Management	
0.	as a resource person at National Refresher Course in Environment	
	Science, UGC-HRDC SPPU Pune and KTHM College, Nashik dated	
	11 March 2023.	
9.	Delivered a lecture on Introduction to Remote Sensing as a resource	
	person at National Refresher Course in Environment Science, UGC-	
	HRDC SPPU Pune and KTHM College, Nashik dated 10 March 2023.	
10.	Delivered a lecture on Introduction to GIS as a resource person at	
	National Refresher Course in Environment Science, UGC-HRDC SPPU	
	Pune and KTHM College, Nashik dated 10 March 2023.	
11.	Delivered a lecture on Applications of GIS: Case studies as a resource	
	person at State Workshop on Case Study methodology, UMA IIT	
	Mumbai and KTHM College, Nashik dated 29 Jan 2023.	
12.	Delivered a lecture on Geomorphology and Environmental	
	Management as a resource person at University Ph.D. Course work in	
10	Geography, SPPU and KTHM College, Nashik dated 22 Feb 2023.	
13.	Delivered a lecture on Geomorphology and Society as a resource	
	person at University Pn.D. Course work in Geography, SPPU and	
1/	KTHM College, Nashik dated 22 Feb 2025.	
14.	Geography Day SVKT Arts, Science and Commerce College Dealeli	
	Camp Nashik dated 18 Jap 2023	
15	Delivered a lecture on Sustainable Development Goals: Geographical	
10.	Approach as a resource person on Geography Day at GMD Arts B W	
	Commerce & Science College. Sinner dated on 17 Jan. 2023.	
16.	Delivered a lecture on Climate Change-Global Warming as a resource	
	person at College Geography Day, HPT Arts and RYK Science College	
	Nashik dated 14 Jan. 2023.	
17.	Delivered a lecture on Research Methodology in Geography as a	
	resource person at University Workshop on Research Methodology in	
	Geography at K. V. N Naik College, Nashik dated 31 Dec. 2022	
18.	Delivered a lecture on Pedogeomorphology Research in Geography as	
	a resource person at University Ph.D. Course work in Geography,	
10	SPPU and M.S.G. College, Malegaon dated 21 Sept. 2022.	
19.	Delivered a lecture as a resource person on Soil Culture and	
	Aquaculture at NSS camp organized by M.V.P. Samaj's Law College,	
20	INASHIK UATED 51 Jan 2025	
20.	Administrative audit at Arts and Commerce and Science Callege	
	Auministrative audit at Arts and Commerce and Science College,	

categories out of six categories.	47	47
*For the purpose of calculating score of the teacher, the combined research score from the categories of '5(b)'. Policy document and '6'. Invited lectures/Resource person/paper presentations shall have an upper capping of $30\%$ of the total research score of the teacher concerned The research score shall be from the minimum of three		
<ul><li>Trymbakeshwar dated 25 Nov 2022</li><li>21. Delivered a lecture as a resource person on Ozone Layer and Climate Change at Arts and Commerce and Science College, Trimbakeshwar dated 16 Sept. 2022</li></ul>		

## **\*\*** Separate Sheet attached

Sr. No.	Academic /Research Score	Self- appraisal Score	Verified Score
1	Research Papers in Peer-Reviewed or UGC listed Journals	9.1	9.1
2	Publication (Other than Research papers)	00	00
3	Creation of ICT mediated Teaching Learning pedagogy and content and development of new and innovative course and curricula	00	00
4	a) Research Guidance/ b) Research Projects Completed/ c) Research Projects On-going/ d) Consultancy	04	04
5	a) Patents/ b) Policy documents/ c) Awards/ Fellowship	05	05
6	Invited lectures/Resource Person/paper presentation in seminars/Conferences/full paper in conference proceeding (Paper presented in Seminar/Conference and also published as full paper in conference Proceeding will be counted only once)	47	47
	Total of- III (1+2+3+4+5+6)	65.1	65.1

## Note:

- Paper presented if part of edited book or proceeding then it can be claimed only once.
- For joint supervision of research students the formula shall be 70/30.First Supervisor shall get 7 marks and co-supervisor 3 marks.
- In development of e-content in 4 quadrants for a complete course/e-book may be assigned points equivalent to authoring a book at national level, contribution to development of e-content modules in complete course/paper/e-book may be awarded points same as that of contributed chapters in edited book and editor of e-content for complete course/paper/e-book may be awarded points same as that for editor of a book by National Publisher.
- Development of various quadrants of complete MOOCs may be given the weightage similar to authoring a book, contribution to development of modules in a complete MOOCs may be awarded points same as contributed chapters in edited book and coordinator of MOOCs for complete course may be awarded points same as that for editor of a book by National Publisher.
- For the purpose of calculating research score of the person, the combined research score from the categories of Policy Document and Invited lectures / Resource Person /paper presentation shall have an upper capping of 30% of the total research score of the person.
- The research score shall be from the minimum of 3 categories out of 6 categories.

I certify that the information provided is correct as per records available with the college and/or documents enclosed along with the duly filled AAA proforma.

Date: 14/06/2023 Place: CIDCO, Nashik

foundary.

Signature of the Faculty

**Remark and Signature of HoD:** He works since effectively, constantly and sincerely, **spent** double time throughout the year. He contribute through UG, PG teaching, rese arch guide, resource person, BoS member, Geography, and member, faculty of science of Savitribai Phule Pune University, IQAC of the College.

Signature of the HoD

Remark and Signature of Internal Audit Committee:

**AAA Coordinator** 

**Co-ordinator**, IQAC

aratha Vidya Prasarak Samaj's maveer Shantarambapu Kondaji Wavare Arts science and Commerce College Uttamnagar, CIDCO Nashik-422008

**Remark and Signature of External Audit Committee** 

Name of the Expert	Designation	Signature
	Chairman	
	Member	
	Member	

Hnwersti

(Formerly University of Poona)



We, the Chancellor, the Vice Chancellor and the Members of the Management Council and the Academic Council of the University of Pune certify that Pawar Dnyaneshwar Narayan

of M.G.V.M.'s Arts, Science & Commerce College, Manmad having been examined in Geography as the special subject, Economics and Politics as the general subjects

and found duly qualified for the degree of

# Bachelor of Arts (Special)

and placed in the First Class with Distinction in April 2005. The said degree has been conferred on him. In testimony whereof is set the seal of the said University.

8th January 2006

A. S. Kolaskan. Vice-Chancellor

MM 4410

We, the Chancellor. the Vice Chancellor and the Members of the Management Council and the Academic Council of the University of Fune certify Pawar that\_ myaneshwar Narayan Hira Mother's Parashurambhau Vir Frene having been examined in eography and found duly gualified for the degree of Master of Arts Fir Class and placed in the\_\_\_\_\_ with Distinction in April 2007

The said degree has been conferred on him. In testimony whereof is set the seal of the said University

Universit

आम्ही, पुणे विद्यापीठाचे कुलपति, कुलगुरु आणि व्यवस्थापन परिषद व विद्या परिषद सदस्य, प्रमाणितं करितो की,

घेऊन
2

# विद्या निष्णात

पदवी परीक्षा उत्तीर्ण झाल्याबदल त्यांना ही पदवी प्रदान करण्यात येत आहे.

याची साक्ष म्हणून विद्यापीठाची अधिकृत मुद्रा येथे अंकित करण्यात येत आहे

CE

20th December 2007

Chancello

SC13-00109

We , the Chancellor, the Vice Chancellor and the Members of the Management Council and the Academic Council of the University of Pune certify that

> Pawar Dnyaneshwar Narayan Mother's Name : Hirabai

having been examined and found duly qualified for the degree of

Doctor of Philozophy (Seography)

The said degree has been conferred on him. In testimony whereof is set the seal of the said University.

03rd March 2014 SC13-00109

Vice Chancellor



Formery University of Poona)

आम्ही, पुणे विद्यापीठाचे कुलपति, कुलगुरु आणि व्यवस्थापन परिषद व विद्या परिषद सदस्य, प्रमाणित करितो की,

पवार ज्ञानेश्वर नारायण आईचे नाव ः हिराबाई

## विद्यावाचस्पति

( भूगोल ) पदवीस पात्र झाल्याबद्दल त्यांना ही पदवी प्रदान करण्यात येत आहे. याची साक्ष म्हणून विद्यापीठाची अधिकृत मुद्रा येथे अंकित करण्यात येत आहे.

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#### कुलगुरु

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Caulificate No. 1		u u /	In	$\times$	-
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## NATIONAL ELIGIBILITY TEST FOR LECTURESHIP

UGC Ref. No. : 9112/(NET-JUNE 2009) Roll No. 5004951

Certified that SHRI PAWAR DNYANESHWAR NARAYAN

Son/Daughter of \_ SHRI NARAYAN GOVINDA PAWAR

and \_SMT HIRABAI NARAYAN PAWAR

qualified the UGC-NET for eligibility for Lectureship held on \_\_\_\_\_\_ 28th JUNE 2009

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- Note: a) UGC has issued the certificate on the basis of information provided by the candidate in his / her Application Form. The appointing authority should verify the original records / certificates of the candidate while considering him / her for appointment, as the Commission is not responsible for the same. The candidate must fulfil the minimum eligibility conditions for NET within two years from the date of declaration of UGC-NET result.
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## सावित्रीबाई फुले पुणे विद्यापीठ (पूर्वीचे पूणे विद्यापीठ)

## SAVITRIBAI PHULE PUNE UNIVERSITY (Formerly University of Pune)

## निवडणूक विभाग

गणेशखिंड, पुणे- ४११००७

द्राध्यनी क्र. : २५६२१०१४

संकेतस्थळ : www.unipune.ac.in election.unipune.ac.in

## संदर्भ क्र. : साफुपुविनि/२६

प्रति,

 मा. डॉ. चव्हाण गणेश कोंडाजी कोपरगांव तालुका एज्युकेशन सोसायटीचे, के. जे. सोमय्या कॉलेज ऑफ आर्टस, कॉमर्स ॲण्ड सायन्स कोपरगांव, जि. अहमदनगर - ४२३६०१

३. मा. डॉ. पवार ज्ञानेश्वर नारायण मराठा विद्या प्रसारक समाजाचे, कर्मवीर शांतारामवापू कोंडाजी वावरे आर्टस, सायन्स ॲण्ड कॉमर्स कॉलेज, उत्तमनगर सिडको, जि. नाशिक - ४२२००८ Election Section Ganeshkhind, Pune - 411 007 Phone No. : 25621014 Email ID. : election@unipune.ac.in Website : www.unipune.ac.in

दिनांक: 90 जानेवारी, 2023

 मा. डॉ. मुसमाडे अर्जुन हरिभाऊ खडकी शिक्षण संस्थेचे,
 टिकाराम जगन्नाथ आर्टस, कॉमर्स ॲण्ड सायन्स कॉलेज, एलफीस्टन रोड,
 खडकी, पुणे - ४११००३

विषयः संलग्न महाविद्यालये, मान्यताप्राप्त परिसंस्था यांच्या विभागप्रमुखांच्या गटातून विज्ञान व तंत्रज्ञान विद्याशाखेंतर्गत, भूगोल या अभ्यास मंडळावर सदस्य म्हणून निवडून आल्याबाबत.

महोदय,

आपणांस कळविण्यात आनंद वाटतो की, महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ कलम ४०(२)(ग)[40(2)(c)] नुसार संलग्न महाविद्यालये व मान्यताप्राप्त परिसंस्था यांच्या विभागप्रमुखांच्या गटातून आपण विद्यापीठाच्या **विज्ञान व तंत्रज्ञान विद्याशाखेंतर्गत, भूगोल** या अभ्यास मंडळावर सदस्य म्हणून निवडून आल्याचे मी घोषित करीत आहे.

आपणांस पुढे असेही कळविण्यात येते की, महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६, कलम ६२ मधील तरतुदीनुसार आपल्या सदस्यत्त्वाची मुदत दिनांक ३१ ऑगस्ट, २०२७ पर्यंत अथवा महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ कलम ६३ आणि ६४ मधील तरतूद अथवा महाराष्ट्र शासनाकडून वेळोवेळी प्राप्त होणाऱ्या आदेशाच्या अधीन राहून यापैकी जे अगोदर घडेल त्या तारखेस संपुष्टात येईल.

विद्यापीठाच्यावतीने आपले हार्दिक अभिनंदन !

कळावे,

अभला. (डॉ. प्रफुल्ल पवार)



**संदर्भ क्र.** सीसीओ/1123

दिनांक :- 20/04/2023

मा. प्राचार्य, मराठा विद्या प्रसारक समाज कर्मवीर शांतारामबापू कोंडाजी वावरे कला विज्ञान व वाणिज्य महाविद्यालय पत्ता: उत्तमनगर ता.: नाशिक जि: नाशिक पिनकोड: 422008

## विषय : विद्यापीठ अनुदान आयोगाच्या १८ जुलै, २०१८ च्या नियमानुसार करियर अँडव्हान्समेंट स्कीम (CAS)अंतर्गत पदोन्नतीचे अहवाल मान्यतेबाबत...

महोदय,

उपरोक्त विषय व संदर्भाय पत्रास अनुसरून आपणास कळविण्यात येते की, उपरोक्त सदर्भीय सोबत पाठविलेले सहायक प्राध्यापक/सहयोगी प्राध्यापक/प्राध्यापक पदांचे निवड समितीचा अहवाल मा. कुलगुरू यांनी मान्य केलेला आहे. त्यात नमूद केल्याप्रमाणे संबंधित प्राध्यापकांचे पदोन्नतीचा प्रस्ताव पुढील योग्य त्या कार्यवाहीसाठी मा. सहसंचालक (उच्च शिक्षण) पुणे विभाग, पुणे यांचेकडे पाठवावा.

Sr. No.	Teacher Name	Subject	Current Academic Level	Promotion Level	Promotion Date
1	Pawar Dnyaneshwar Narayan 230100015	Geography	Assistant Professor (Selection Grade/Academic Level 12)	Associate Professor (Academic Level 13A)	03/04/2023

उपकुलसचिव

#### Accompainiment to Government Resolution

Higher and Technical Education Department No. Resolution No. Misc- 2018/C.R.56/18/UNI-1, dated 08 March, 2019

		PROFORMA FOR FIXATION OF PAY	
Name o	of the College:	Maratha Vidya Prasarak Samaj's Karmaveer Shantaram Science & Commerce College, CIDCO, Nashik	papu Kondaji Wavare Arts,
Name o	of the Teacher :	DR. DNYANESHWAR NARAYAN PAWAR	
Sr.No.	S - A DOLLAR	Relevant Information	
1	Designation of the po 03.04.2023 date of p	Associate Professor	
2	Status (Substantive/	Officiating)	Substantive
3	Existig acadamic lev	Acadamic Level 12 79800-211500	
4	Existing Cell in Pay	92500	
5	Next cell in Pay matr	95300	
6	Applicable acadamic	Acadamic level 13A 131400-217100	
7	Applicable Cell in th No. 5 as on 17.09.20	131400	
	Date of next increme	nt and pay after grant of increment	
	Date of Increment	Pay after increment in applicable Level of Pay Matrix	Remark
8	1.1.2024	135300	
	1.1.2025	139400	
9	Any other relevant	information: CAS Academic Level 13A.W.E.F. 03.04.2023	

Palce: CIDCO, Nashik

PRINCIPAL K.S.K.W. Arts, Sci. & Com. College, CIDCO, Nashik-8.

Risolade . ADMINISTRATIVE OFFICER Higher Education Pune Region Pune-411001

Joint Director (Higher Education) Pune Regional Office Pune-411001.

Verified s Officer (Higher Education Grants) Pune Reg on, Pune-1

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#### VILLAGE LEVEL GEO-ENVIRONMENTAL ASSESSMENT OF SOIL SITE SUITABILITY FOR GRAPES CULTIVATION USING GEOSPATIAL TECHNIQUES

#### Dnyaneshwar Pawar<sup>1</sup> Pravin Nalawade<sup>2</sup>Kirti Somvanshi<sup>3</sup>

<sup>1</sup>Head and Assistant Professor, Department of Geography, M.V.P. Samaj' Arts, Science and Commerce College, CIDCO, Nashik, MS, India. email-dmauli2007@gmail.com

<sup>2</sup>Head and Assistant Professor, Department of Environment Science, M.V.P. Samaj' KTHM College, Nashik, MS, India

<sup>3</sup>PG student, Department of Environment Science, M.V.P. Samaj' KTHM College, Nashik, MS.

#### Abstract:-

The current study uses a soil survey database to determine the optimum feasible land surface for grape cultivation to increase and optimize production. Because proper management of land resources requires micro-level assessment, the study area chosen is village Rahud in the drought-prone zone of Nashik district, North Maharashtra, India. The village's current land use and land cover data point to proper soil resource management for fallow land reclamation. In the Nashik district, grapes are an important cash crop. The NBSS and LUP criteria are used to assess the suitability of a soil location for grape production. The study area's varied land use/cover and slope components were used to gather detailed soil samples and measure soil hydrological parameters. The soil sample analysis assessed the regional variance of soil physical, chemical, and hydrological parameters. GIS, remote sensing, GPS, and statistical approaches were used to determine quantitative and spatial variation of soil suitability classes for grape cultivation. The revenue map from the tehsil headquarter was used to create the base map. A raster grid operation and map algebra analysis were used to estimate spatial assessment of various input factors of soil site suitability. The standards raster database in the arc GIS software was used for ranking and parametric evaluation. Physiographical components of soil parameters were assessed for the research area's suitability assessment. In the study area, Highly suitable land accounts for 22.95 % of the entire village, moderately suitable land for 27.11 %, and marginally suitable land for 22.67 %. Fallow land contains marginally appropriate classes and is ideal for converting to suitable categories if the proper soil measures are followed

Keywords: Geoinformatics, Geo-environment, Grapes, Soil Survey, Soil Suitability, Assessment

#### **1. Introduction:**

The world's growing population is accountable for a slew of issues. It puts more pressure on natural resources, especially water and land/soil resources. Land resources are first and foremost in ensuring people's food security. The supply of agricultural land per capita is decreasing as the world's population grows. In the 2011-12 financial year, India's arable land was roughly 182 million ha, with 0.15 ha per capita. (Sharam, 2015). This situation necessitates a broad understanding of additional land use options and the identification of suitable land for all crops to achieve long-term agricultural growth. Natural and agricultural resources and management are critical for the rural economy and agriculture growth (Bhaskar et al., 2016; FAO, 2016). Evaluation of soil and land resources, especially the methods of soil capability, land/ site suitability(M.Z. Salem al 2008, Jadab Chandra Halder, 2013), land productivity (Dnyaneshwar N Pawar, 2013, 2015), crop suitability (D. M. Thapa, C.P. Shrivastav, S.C. Shah, K. Sah, 2020; Chiranjit Singha and Kishore Swain, 2016; Hegade et al., 2018; Dnyaneshwar N Pawar et al. 2019), Crop management practices (Suhas P. et al., 2017), agriculture suitability (Ranya Elsheikhet al, 2013) are significant to increasing the production of crops to meet the needs of the growing population. (Dnyaneshwar N. Pawar, 2013, 2015). Finding the best feasible places for cropping and boosting productivity (Pan and Pan, 2012) and the potential utilization of land resources is an essential part of crop soil site selection.

The current study used the National Bureau of Soil Survey & Land Use Planning soil site suitability analysis of grapes production methodology approach (Naidu et al., 2006). In the evaluation and management of lands and soils, Geoinformatics technology is quite useful (Pawar Dnyaneshwar, 2013, 2015; Pawar and Tatar, 2019; Gahlod et al., 2017) GIS and remote sensing techniques are appropriate for digital mapping and soil resource evaluation (Eric and Abrefa, 2011; Pawar and Gaikwad, 2013; Abdollah Pirbalouti, 2009; Pable et al., 2017; Zolekar et al., 2018). With a comprehensive soil survey database, the current study attempted to apply the Geoinformatics technique to assess soil site suitability. (See Figure 2) Determining agricultural farmland and productivity should be the initial step in drought management. (FAO, 2016)

#### 2. Study Area:

**Research Paper** 

The study area is located in North Maharashtra, which is susceptible to drought. For this case study, the village of Rahud was chosen. It is administratively located in the Nashik district of Maharashtra, India, in the Chandwad Tehsil. It is 71 Km east of Nashik district headquarters and 10 Km east of Chandwad. It stretches from latitudes of  $20^{0}19'31"$ N to  $20^{0}22'40"$ N and longitudes of  $74^{0}19'20"$ E to  $74^{0}15'30"$ E. (See Figure 1)



Fig. 1 Location map of the study area (Village Rahud)

Village Nandurtek to the north, village Uswad & Kalamdare to the south, village Chinchave to the east, and town Chandwad to the west surround the village Rahud. From the village's centre, National Highway No. 3 passes. The settlement of Rahud covers an area of 18.26 Km2 (1826.25 ha). According to the 2011 census, the village of Rahud has a total population of 2677 people. Between 602 m and 991 m, the study area has moderate to high relief. The lowest elevation, 602 meters, is found near Rahudghat in the east, and the highest height, 991 meters, is located near the hilly area in the west. The research area's land use/land cover extent reveals that agricultural fallow land, wasteland, and scrubland encompass around 50.63 % of the total village area. It is consequently critical to assess land and soil resources to ensure optimum land utilisation and reclamation for long-term agriculture resource management. (See Table 1)

Sr No	Land use/Land cover	Geographical Area		
		Hectors	Sq. km.	%
1	Irrigated Land	706.47	7.07	38.68
2	Agriculture fallow land	308.86	3.09	16.91
3	Wasteland	542.96	5.43	29.73
4	Land with scrub	72.87	0.73	3.99
5	Built up land	90.15	0.90	4.93
6	Waterbody	33.76	0.34	1.84
7	Rivers	42.02	0.42	2.30
8	Forest land	29.16	0.29	1.59
	Total area	1826.25	18.2625	100

Table 1: Village Rahud: Extent of Land use/Land Cover category

#### 4. Methods Of The Study:

The following technique outlines both in-field and laboratory components. Figure no- 2 chart shows the methodology adopted in the present study. The database and its sources used for the current research are listed in table no -2.

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Table 2: Soil-site characteristic data and its sources for the present study

Source
Fieldwork (Field measurements of infiltration rate and hydraulic
conductivity)
Fieldwork and laboratory analysis (Collection of soil samples
and its analysis in the laboratory)
Survey of India, Topographical map
ASTER GDEM
NBBS, LUP, 2016
Revenue map from Panchayat office of Tehsil Headquarter
IRS P6 LISS IV satellite image

#### 4.1 Field components:

The ratings of assign for soil-site characteristics of grapes cultivation adopted from the NBBS & Land Use Planning (2006) Government of India. Soil site characteristics of grapes cultivation include climate, soil texture, soil drainage, soil pH, NPK, EC, Organic carbon, slope etc. Soil survey, soil sample analysis, and remote sensing data were used to estimate these features. The current study's technique is depicted in detail in a methodology chart (Fig.3). Geoinformatics techniques are employed to determine the study's accuracy and mapping. Soil samples were collected, and the soil's infiltration rate and hydraulic conductivity were measured during pre-monsoon fieldwork. The sampling sites were chosen using GPS according to the slope and land use/land cover difference in the study area (Fig.2).



Fig. 3 Soil sample collection and field measurement location in the study area

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#### 4.2 Lab components:

Analyze a soil sample to determine the soil properties needed for grape growing. In GIS software, all databases are created in raster standard grid format. Reclassification and ratings were assigned for the spatial fluctuation of different input factors (Table 4). The final spatial site appropriateness of grapes cultivation in the research area was estimated using the map algebra function of the raster calculator in GIS software.

#### 5. Analysis of input parameters of soil site suitability for grapes cultivation:-

I

#### 5.1. Climateregime:

The weather influences any agricultural process. Long, hot, dry summers and chilly winters are required for grape production. The study area's climate is typically monsoon, with a narrow range of rainfall and temperature. The study region is extremely hot in the summer, and in the winter, it is freezing. The maximum temperature in the summer is 42.50 degrees Celsius, while the minimum temperature in the winter is more or less than 5.00 degrees Celsius. The average rainfall in the research area from 2004 to 2018 was 815.9 mm. spatial rainfall variation and its intensity affects productivity and crop production (Sanjay C., 2018). The climate in the research region is ideal for grape cultivation. The aerial extent of the village is small. Therefore, the rating for grape adaptability given to a geographical variation of rainfall and temperature is th

#### 5.2 Slope:

DEM and LISS IV remote sensing data help assess soil and agriculture management at the village level. (Duraisamy et al., 2018). ASTER DEM was used to create a percentage slope map of the study area. The resampling method has been used to rank the slope raster values. The slope map was used to locate erosion hazards in the area. (see Table 3 and Fig. 4)

	1 0 1	<i>v</i>	
Sr. No.	Percentage Slope	Area in Hectare	Area in Percentage
1	< 1	28	1.51
2	1 to 10	1108	60.65
3	10 to 20	489	26.80
4	20 to 30	132	7.20
5	> 30	70	3.82
	Total Area	1826	100

Table 3: Village Rahud: Area under % slope category

The area's gentle slope contributes minimal erosion risk, but more than 10% of slopes pose a substantial risk. A gradient of less than 3%, or a gentle slope, is ideal for grape growing. The 3 to 5% slope suggested that the land was moderately suitable for farming. Approximately 87 % of the study area is covered by 1 to 20% of sloping fields. **5.3 Soil Drainage**:

The infiltration and hydraulic conductivity variation assess the study area's soil drainage properties. The data on soil drainage obtained through detailed fieldwork was conducted in the study area. In the laboratory, a spatial variation map is created, and then a raster data rating is assigned using the resampling approach. Grape cultivation benefits greatly from a high infiltration rate. The study area's infiltration rate fluctuation map depicts 0.5 to 3 cm/2min. Each category's area has been computed. The infiltration variation of the studied region reveals that most of the area is in a highly suitable class, i.e. 53%. (9.71 Km2). (Fig.5)

#### 5.4 Soil pH:

Soil Site Suitability Analysis is increasingly essential because of the physical and chemical features of the soil (Mandal et al., 2018). The soil analysis data used for the research area's pH map. A spatial variation map of soil pH is used to acquire grid-wise pH values for the relative pH ratings. The classes have been created, and ratings of

Fig. 5: Infiltration rate variation map of the study area

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suitability classes have been assigned based on the Grapes crop requirements' suitability criteria. Soil pH in the study region ranges from 6 to 8.5. An average pH of 6.5 is suitable for agricultural cultivation (Zolekar et al., 2015). The pH 6 to 7 are more suitable for grapes cultivation



Fig. 4: Slope map of the study area

#### 5.5 Electro-Conductivity (EC):

Soil Electrical conductivity is the third parameter used to classify grape site suitability. Geo-coordinates and GSI relative soil EC ratings were used to create the electrical conductivity map. The EC variation in the study area ranges from 0.1 to 1 Ds/m. It indicates a rising tendency in the northwest and a decreasing trend in the northeast of the research region. The highest EC, 1 Ds/m, is found in the northwest, while the lowest EC, 0.1 Ds/m, is located in the northeast. The map is rated and graded according to the NBSS and LUP criteria for grape suitability classes. (See Table 4)

#### 5.6 Soil NPK:

In the soil suitability analysis for grape growing, NPK is a vital input component. Using soil analysis data, nitrogen, phosphorus, and potassium maps are created.

Nitrogen (N) is a chemical element that occurs naturally in the environment. Nitrogen is one of the soil's most significant chemical features for suitability classification because it ensures that energy is accessible when and where the plant needs it for optimal output. Soil data were used to create a map depicting the nitrogen variance in the research area. Nitrogen levels range from 73 to 594 kg/ha in the studied area. As a result, the research area's nitrogen spatial distribution map reveals that the soil is ideal for growing grapes.

**Phosphate** (P):-Phosphate is another chemical feature of soil used to classify its suitability. Phosphate levels vary from 17 to 139 kg/ha in the studied area. According to the geographical distribution map of phosphorus, most of the soil in Rahud village is highly favorable for grape growth.

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**Potassium (K):**-Potassium is another important chemical property for the Grapes crop site suitability assessment. Potassium levels in the study area range from 227-860 kg/ha. Potassium levels are rising in the research area's Centre and northern regions.

#### 5.7 Organic Carbon (OC):

The soil suitability categorization uses the percentage organic carbon map of the study area as an input parameter. The fluctuation of OC in the research area is seen on the OC map, which shows a range of 2 to 1.1 %.

5.8 Soil Texture: (Sand, Silt, clay, loam)

Data on soil physical qualities, such as sand, silt, and clay, created a soil texture map. The textural qualities of soils are estimated through soil sample analysis. The percentage variation maps of sand, silt, and clay were used to create a soil textural map of the study area. The study area's percentage sand variation ranges from 80% to 90 %. The percentages of silt and clay range from 2% to 35% and 3 % to 5%, respectively. The study region's gentle slope land has the most sand, whereas the hill summit surface area has the most clay.

Input	Characteristics &		Input	Characteristics & R	atings
parameter	Ratings		parameter		
Erosion	Slope	Ratings	Soil	Infiltration rate	Ratings
Hazard	< 3%	4	drainage	(>3 cm/2 min)	4
	3 to 5%	3		(2 -3 cm/2 min)	3
	5 to 10%	2		(0.5-2 cm/2 min)	2
	> 10%	1		(< 0.5 cm/2 min)	1
Nutrient	pH	Ratings	Nutrient	Nitrogen (N) (ppm)	Ratings
availability	6.5-7.5	4	availability	High >30	4
pH	6.0-6.4 to	3	(Nitrogen)	Medium 30-15	3
	7.6-8.0			Law <15	2
	4.0-5.9 to	2		No available	0
	8.1-8.5				
Nutrient	Phosphate (P)	Ratings	Nutrient	Potassium (K)(ppm)	Ratings
availability	(ppm)		availability	High >30	4
Phosphate	High >30	4	Potassium	Medium 30-15	3
	Med. 30-15	3		Law <15	2
	Law <15	2		No available	0
	No available	0			
Organic	OC %	Ratings	Soil Texture	Soil Texture	Ratings
Carbon	<1.5	4		Scl, l, sl, cl	4
	1.5-5.0	3		Sl, sc, sic, sicl, c	3
	5.0-7.5	2		C (s<60%)	2
	>7.5	1		C (>60%), s	1
Electro-		·	unsuitable		
Conductivity	EC ( <b>dS/m</b> )	Ratings	land	Land use/cover	Ratings
	Non-saline	4	use/land	Rocky land	0
	Upto 1	3	cover	Area under forest	0
	1-2.5	2		Waterbody	0

Table 4: Ratings and resampling of input parameters of soil site of grapes cultivation

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>2.5	1	Built up land	0

#### 6. RESULTS:

The long-term agricultural land use planning and management, a consistent and precise assessment of soil resources is essential (Ennaji et al., 2018). The results of the parametric evolution technique for calculating soil suitability for grape cultivation were used to create a soil site suitability map for the study area. It is accomplished through the use of GIS software. Different colours are assigned to each class to restrict the regions occupied by suitability classes. The suitability index is created for the classification of suitable courses and the measuring of their range. (See Fig. 5 and Table 5)

#### 6.1 Highly Suitable (S1):

The dark green indicates the spatial distribution of highly suitable Class (S1) of grapes growing, which accounts for around 4.19 Km2 (419 ha., 22.95 %) of the total land surface area of village Rahud. (See Figure 6) This category includes the village's central and northwest areas. (See Fig. 6 and Table 5)



Fig. 6:Spatial soil site suitability of grapes cultivation in the study area

Table 5: Village Rahud: Extent of suitability classes for grapes cultivation

Sr. No.	Suitability class	Area in Hectors	Area in Percentage
1	Highly suitable	419	22.95
2	Moderately suitable	495	27.11
3	Marginally suitable	414	22.67
4	Not suitable	469	25.68
	Waterbody	29.25	1.59
	Total area	1826.25	100

#### 6.2 Moderately Suitable (S2):

The analysis suggests that around 4.95 Km2 (495 ha., 27%) of the total area is moderately appropriate for grape growing (S2). A light green colour shows the study area's grape site suited for this class on the map. The reasonably suitable grapes cultivation class covers the study region's middle and eastern parts. (See Fig. 6 and Table 5)

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#### 6.3 Marginally Suitable (S3):

The soil site suitability for grapes cultivation in the third category is marginal. In the village of *Rahud*, the results show that 4.14 Km2, (414 ha or 23%) of the land is marginally suitable for grape growing (S3). The spatial distribution of the suitability map and land use land cover map reveals that most of the village's fallow lands are marginally suitable. The study area's grape site suited for this class is yellow. The west and south portions of the study area are only marginally suited for grape growth. (See Fig. 6 and Table 5)

#### 6.4 Not Suitable for agriculture (S4):-

About 4.69 Km2, (469 ha., 25.68 %) of the study area is unsuitable for grape growing. The dark red spots on the map indicate unsuitable terrain, including scrub, boulders, escarpments, steep slopes, and erodible land. (See Fig. 6 and Table 5)

#### 7. CONCLUSIONS:

Geoinformatics techniques are essential in the accurate and quick processing of large amounts of data and the mapping of site suitability analysis for grape growing. The LISS IV image and Digital Elevation Model remote sensing database provide a GIS research and mapping data source. For providing a database for implementing the policy of sustainable land resources and agriculture development at micro-level areas of the drought-prone zone, cartographic representation of data in the form of spatial variation maps of percentage slope, soil physical, chemical, and hydrological properties, and the soil site suitability maps has been used. The NBSS & LUP of India's criteria for soil site suitability analysis of grape production is adequate. Still, they require a broad and reliable soil survey database to be applied in any geographical area. This research is essential for enhancing grape output and converting fallow land to agricultural land. The village of Rahud's socioeconomic growth results from increased productivity and long-term agricultural land planning in the area. The potential of soil suitability for grapes cultivation and development in the research area is determined by a geo-environmental evaluation of the soil site suitability analysis of the study region.

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Date :- 23/05/2023

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T

#### To.

Dr. Dnyaneshwar Narayan Pawar KSKW Arts, Science, Commerce College, CIDCO, Nashik - 422008

Sub.:-Acceptance of Rashtriy Shiksha Ratna Puraskar Programme

#### Respected Sir,

Real Indo Global Vision Social Development Gurukul Foundation Dhule has been selected you for the Rashtriy Shiksha Puraskar 2023 as per an Ratna expert committee. Congratulations for the same!

The Rashtriy Shiksha Ratna Puraskar 2023 distribution Ceremony is being organized on 4<sup>th</sup> June 2023, Sunday at 10.00 a.m. at Nutan Maratha College, Jalgaon (Maharashtra). You are kindly requested to attend the Ceremony.

Registration and Breakfast will start at 9.00am to 9.45 a.m. Lunch is arranged after the Programme.

Prin.Dr. Manohar Patil President Rashtriy Shiksha Ratna Puraskar Committee









आभार पत्र

प्रति, डॉ. ज्ञानेश्वर नारायण पवार सहयोगी प्राध्यापक आणि भूगोल विभाग प्रमुख, म. वि. प्र. समाजाचे के. एस. के. डब्ल् महाविद्यालय सिडको नाशिक

#### महोदय,

कवियित्री बहिणाबाई चौधरी उत्तर महाराष्ट्र विद्यापीठ जळगाव राष्ट्रीय सेवा योजना विभाग G20 अंतर्गत ETWG बैठकीत ठरल्याप्रमाणे कवियित्री बहिणाबाई चौधरी उत्तर महाराष्ट्र विद्यापीठ जळगाव आणि विद्या विकास मंडळाचे, सीताराम गोविंद पाटील कला, विज्ञान व वाणिज्य महाविद्यालय साक्री जि. धुळे यांच्या संयुक्त विद्यमाने आयोजित "ऊर्जास्रोत संवर्धन आणि पर्यावरण पूरक जीवनशैली" या विषयावर दिनांक ३० मे २०२३ वार मंगळवार दुपारी ४.०० वाजता ऑनलाईन कार्यशाळा आयोजित केली होती.

सदर कार्यशाळेत **"ऊर्जास्रोत संवर्धन : काळाची गरज"** या विषयावर आपण साधन व्यक्ती म्हणून आमच्या विद्यार्थ्यांना बहुमोल मार्गदर्शन केले त्याबद्दल आपले मनपूर्वक आभार.

धन्यवाद,

कार्यकम अधिकारी

कार्यकम अधिकारी राष्ट्रीय सेवा योजना ली. गो. पाठील महाविद्यालय बाको जि. घुळें (४२४३०४) आपले विश्वास्

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Science & Connerce Codess Sakri Dis Joule

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Ref. No. 5504 /2022-23

Date: 04/03/2023

**Invitation** Letter

To,

### Dr. D. N. Pawar

Department of Geography Maratha Vidya Prasarak Samaj's, K.S.K.W. College, CIDCO, Nashik

Dear Sir,

The UGC-Human Resource Development Centre, Savitribai Phule Pune University, Pune is organizing a towweeks Refresher Programme in Environmental Sciences for the newly appointed College/University teachers from 06.03.2023 to 19.03.2023. The objective of the programme is to acquaint the teachers with innovative teaching methodology, equip them to perform better in their profession; make them understand their role in socio-economic development.

Number of sessions will be conducted during the programme focusing upon the above-mentioned objectives. In view of your prolonged experience and expertise in the field, we shall be thankful, if you kindly accept our invitation and conduct session(s) for the participants of this programme. The details of your session(s) are given below:

Date	Time	Topic
10.03.2023	2.00 pm to 3.30 pm	Introduction to GIS
	3.30 pm to 5.00 pm	Introduction to Remote Sensing
11.03.2023	2.00 pm to 3.30 pm	Geomorphology and Environment Management Case studies
	3.30 pm to 5.00 pm	Geoinformatics Approach

As the participants are the teachers of higher education, we expect interactive sessions with innovative methods. I shall very much appreciate if you can email us the manuscript of your session notes on the topic you are covering during the session. It is essential for circulation to the participants.

You will be paid **TA/DA/local conveyance and honorarium** as per UGC norms. I request you to kindly accept this invitation. Request you to confirm your acceptance by return mail. With regards

Yours sincerely,

Dr. P.M. Nalawade Coordinator (Contact No. 9850837917)

• Pl. send your profile



Prof. (Dr.) R. D. Darekar Principal

• A format for bank details is enclosed request you to pl. fill it in and send it by return e-mail.



Maratha Vidya Prasarak Samaj's KRT Arts, BH Commerce and AM Science (K.T.H.M.) College, Nashik 422002 Office: 0253-2571376 Email: iqac@kthmcollege.ac.in College with Potential for Excellence (CPE) status by UGC, Best College Awarded by SPPU in 2004 & 2017, Reaccredited by NAAC with "A++" Grade (CGPA- 3.79), Recipient of UGC STRIDE Scheme and UGC-PARAMARSH Scheme, DST-FIST Sponsored, DBT STAR College Status

Ref. No. 5738 2022-23

Date: 18/03/2023

## **Appreciation Letter**

I am pleased to express my sincere thanks to **Dr. D. N. Pawar**, Department of Geography Maratha Vidya Prasarak Samaj's, K.S.K.W. College, CIDCO Nashik, for conducting very fruitful four sessions on the "Introduction to GIS", "Introduction to Remote Sensing" on 10<sup>th</sup> March 2023 and "Geomorphology & Environment Management Case studies: Geoinformatics Approach – 1" and "Geomorphology & Environment Management Case studies: Geoinformatics Approach – 2" on 11<sup>th</sup> March 2023 at the Refresher Course in Environmental Sciences/Education organised by the UGC-Human Resource Development Centre, Savitribai Phule Pune University, Pune and K.R.T. Arts, B.H. Commerce, A.M. Science College Nashik during the period from 6<sup>th</sup> March 2023 to 19<sup>th</sup> March 2023 and wish to place on record our deep sense of appreciation for his support and cooperation in our endeavor to achieve academic excellence.

Dr. P. M. Nalawade Coordinator (Contact No. 9850837917)



Prof. (Dr.) R. D. Darekar Principal



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  - DST-FIST Sponsored.

UGC Sponsored B.Voc. Programme & Community College.

## Ref.No. : 3187 2022-23

Date : 17/1/2023

## To,

**Dr.Dnyaneshwar N. Pawar** Assistant Professor, Dept.of Geography, Maratha Vidya Prasark Samaj's, Karmaveer Shantarambapu Kondaji Wavare Arts, Science & Commerce College, CIDCO, Uttamnagar, Nashik - 422 008.

## Subject: Letter of Appreciation ....

## Dear Sir,

We would express our sincere gratitude for being here with us as a resource person for Workshop On "Case Study Methodology" sponsored by Unnat Maharashtra Abhiyan Organized by UMA Cell, CTARA, IIT Bombay in collaboration with K.R.T. Arts, B.H. Commerce & A.M. Science College, Nashik to be held on 29 January 2023. We received your valuable guidance on the topic Case Study on Soil site suitability for Grapes cultivation

Thanking You,

Yours faithfully,

(Dr. V.B. Gaikwad) Principal



#### Maratha Vidya Prasarak Samaj's

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Ref No. 3188/2022-23

Date: 27 Jan. 2023

To,

Dr.Dnyaneshwar N. Pawar Assistant Professor, Dept.of Geography, Maratha Vidya Prasark Samaj's, Karmaveer Shantarambapu Kondaji Wavare Arts, Science & Commerce College, CIDCO, Uttamnagar, Nashik - 422 008.

Subject: Invitation as a Resource Person for the Workshop on "Case Study Methodology"....

Dear Sir,

I am pleased to invite you as a resource person at the **Workshop On "Case Study Methodology"** sponsored by Unnat Maharashtra Abhiyan, Organized by UMA Cell, CTARA, IIT Bombay in collaboration with K.R.T. Arts, B.H. Commerce & A.M. Science College, Nashik to be held on 29 January 2023.

As per our telephonic communication, your lecture is scheduled between 11.30AM to 1.00 PM on 29 January 2023 at the VLC Hall in our College. You are requested to deliver a talk on the following topic.

#### Topic: Case Study on Soil site suitability for Grapes cultivation

We look forward to hearing from you soon. Your presence would certainly grace the occasion.

(Dr. V.B. Gaikwad) Principal Principal Principal Principal K. R. T. Arts, B. H. Commerce & A. M Science College. Nashik-422002



College with Potential for Excellence Status by UGC, New Delhi.
 Best College Award of Savitribai Phule Pune University.
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 Junior College Index No. J-13.17.001
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• UGC Sponsored B.Voc. Programme & Community College.

Ref.No. : 5706 2022-23

To, Dr. D. N. Pawar Head and Assistant Professor, Department of Geography, KSKW Arts, Commerce and Science College, Cidco, Nashik.

Subject – Letter of Appreciation.....

Dear Sir,

Thank very much for delivering an informative and thought provoking lecture as Guest speaker in Ph. D. Coursework conducted by Department of Geography at KTHM College, Nashik.

It was really a splendid presentation which exposed to field practices. All the students appreciated and got benefitted from your views in the subject.

Looking forward for your cooperation for the development of content in subject.

Thanking you.

Dr. S. D. Pagar Head, Department of Geography

Dr. V. B. Kale Course Coordinator

Dr. R. D. Darekar Primipal R. T. Arts, B. H. Commerce & A. M Science College, Nashik-422002

Date : 15 3 23



## MARATHA VIDYA PRASARAK SAMAJ'S SHRIMATI VIMLABEN KHIMJI TEJOOKAYA ARTS, SCIENCE AND COMMERCE COLLEGE (S.V.K.T. COLLEGE) LAM ROAD, DEOLALI CAMP, NAKA NO. 6, NASHIK- 422 401. (M.S.) INDIA NAAC Re-Accredited "A" Grade with CGPA-3.11

Dr. S. S. Kale M.Sc., Ph. D. Principal

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Affiliated to Savitribai Phule Pune University Id. No. PU/NS/ASC/029 (1984)	College Code No.: 0168 Center Code No.: 0168	Junior College Index No. J-13.07.007			

Date: 16/01/2023

To, Dr. D. N. Pawar, BOS Member SPPU, MVP Samaj's KSKW Arts, Science and Commerce College Uttamnagar, CIDCO Nashik-422008 Mob No. – 99227 54035

### Subject: - Invitation as a Resource Person for Geography Day...

Respected Sir,

It gives us immense pleasure to invite you as a **Resource Person** for Geography Day (14<sup>th</sup> Jan. 2023) to be held on 18<sup>th</sup> January 2023. We therefore, request you to accept the invitation to share your thoughts with our students.

Thank you,

Yours Faithfully,

Mr. S. M. Jadhav

H.O.D. Department of Geography Smt. Vimlaben Khimji Tejcokaya, Arts. Science & Commerce College, Deolali-Camp, (Nasik)

Dr. S. S. Kale PRINCIPAL Smt. Vimlaben Khimji Tejookaya, Arts, Science & Commerce College Deolali-Camp (Nasik)



## MARATHA VIDYA PRASARAK SAMAJ'S SHRIMATI VIMLABEN KHIMJI TEJOOKAYA ARTS, SCIENCE AND COMMERCE COLLEGE (S.V.K.T. COLLEGE) LAM ROAD, DEOLALI CAMP, NAKA NO. 6, NASHIK- 422 401. (M.S.) INDIA NAAC Re-Accredited "A" Grade with CGPA-3.11

Dr. S. S. Kale M.Sc., Ph. D. Principal

Affiliated to Savitribai Phule Pune University Id. No. PU/NS/ASC/029 (1984)	College Code No.: 0168 Center Code No.: 0168	Junior College Index No. J-13.07.007
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Date- 18/01/2023

To, Dr. D. N. Pawar, BOS Member SPPU, MVP Samaj's KSKW Arts, Science and Commerce College Uttamnagar, CIDCO Nashik-422008 Mob No. – 99227 54035

### Subject: Letter of Appreciation ...

Dear Sir,

Thank you very much for delivering an informative lecture as a Resource Person on occasion of the Geography Day on "Climate Change, Causes, Effects and Human Responsibilities" held on 18<sup>th</sup> January 2023 at S.V.K.T. Arts, Science, and Commerce College, Deolali Camp, Nashik.

We truly appreciate the way you covered the topic and also cleared doubts. Once again, we would like to express our sincere gratitude towards your presentation-cum lecture and would love to hear you in future also.

All

(Prof. S. M. Jadhav) H.O.D. Department of Geography Smt. Vimlaben Khimji Tejcokaya. Arts. Science & Commerce College. Deolali-Camp. (Nasik)

**Yours Faithfully** 

(Dr. S. S. Kale) PRINCIPAL Smt. Vimlaben Khimji Tejookaya. Arls, Scienca & Commerce College Deolali-Camp (Nasik)



Date:27 Jan 2023

Dr. Dnyaneshwar. N. Pawar BOS, Geography K.S.K.W Arts, Science & commerce College, CIDCO, Uttamnagar, Nashik – 422008

## Subject: Letter of Thanks.....

Respected Sir,

To,

We are very pleased and thankful as you have accepted our invitation and delivered knowledgeable lecture on Sustainable Development Goals: Geographical Approach' on the occasion of Geography Day and Innaguration of Bhugol Mandal (14<sup>th</sup> January) organised by our college on Tuesday, 17<sup>th</sup> January 2023.

We accept the same cooperation in future too.

Thank you,

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(Shri.S.B.Bhise) DEPARTMENT OF GEOGRAPHY G.M.D. Arts, B.W. Commerce And Science College, Sinnar



(Dr. P .Rasal) PRINCIPAL G.M.D.Arts, B.W.Commerce and Science College, Sinnar, Dist. Nashik

• Email - sinnarcollege001@yahoo.com / iqac@gmdcollege.in • Website - www.gmdcollege.in © Office : (02551) 220099 • Fax : (02551) 220114



Ref. No.

1203/2022-23

Date : January 10, 2023

To,

Dr. Dnyaneshwar Pawar Member of BOS in Geography IQAC – Coordinator Maratha Vidya Prasark Samaj's, Karmaveer Shantarambapu Kondaji Wavare Arts, Science & Commerce College, CIDCO, Uttamnagar, Nashik - 422 008

Subject: Invitation as Resource Person on the occasion of Geography Day under IQAC.

Dear Sir,

It gives us immense pleasure to inform you that the Department of Geography and IQAC Cell of HPT Arts and RYK Science College, Nashik - 422 005 is organizing Geography Day on **January 14, 2023**. We would like to invite you as **Resource Person** for the same.

You are kindly requested to confirm your schedule as under;

	the second s	Торіс	
Day and Date	Time		
Day and Date	10.00 10.00 0000	Climate Change - Global Warming	
Saturday, January 14, 2023	10.30 am - 12.00 hoon	Climate Change Closer France	

You are also invited to grace the Inauguration Function on January 10, 2023 at 10.00 am in the Seminar Hall (Kusumagraj Hall) of the College. Please send your brief Bio-data at the earliest.

We hope that you would consider our request and appreciate our initiatives in organizing the Geography Day.

Thank you.

Faithfully yours,

Dr. Pramodkumar Hire Professor and Head

Department of Geography HPT Arts and RYK Science College Nashik-422 005.

Dr. Pranavkumar Ratnaparkhi IQAC Coordinator & Vice Principal



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Dr. (Mrs.) M.D. Deshpande Principal

I/C Principal HPT Arts / RYK Sc. College Nashik



Ref. No. 1240/2022-23

Date : January 14, 2023

To, Dr. Dnyaneshwar Pawar Member of BOS in Geography IQAC – Coordinator Maratha Vidya Prasark Samaj's, Karmaveer Shantarambapu Kondaji Wavare Arts, Science & Commerce College, CIDCO, Uttamnagar, Nashik - 422 008

Subject: Letter of Thanks

Dear Sir,

We are grateful for the time and effort you took to share your thoughts and experiences with teachers and students of the Department of Geography on the occasion of **Geography Day on January 14, 2023** organized by Department of Geography in collaboration with IQAC, HPT Arts and RYK Science College, Nashik.

Thank you again for your contribution.

Faithfully yours,

Dr. Pramodkumar Hire Professor and Head Head

Department of Geography HPT Arts and RYK Science College Nashik-422 005.

Dr. Pranavkumar Ratnaparkhi IQAC Coordinator & Vice Principal

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Dr. (Mrs.) M.D. Deshpande Principal I/C Principal HPT Arts / RYK Sc. College Nashik-5



To, Dr. Dnyaneshwar Pawar, Asst. Prof. M.V.P. Samaj's K.S.K.W. Cidco College, Nashik.

Respected Sir,

.....

It gives us a great pleasure to invite you to deliver a Guest lecture on 'Soil Culture and Aquaculture' to N.S.S. Volunteers of our Law College on the occasion of "7 Days Special Winter Camp " program under the Department of National Service Scheme of Savitribai Phule Pune University on Tuesday, 31.01.2023 at 2.00 p.m. A/P Khambale, Tal- Trambakeshwar, Dist. Nashik.

Kindly accept and grace the occasion. With regards,

Prof. Janhavi Zanje

N.S.S. Programme Officer Programme Officer National Service Scheme M.V.P.Samaj's Law College Nashik-2

Dr. Sandhya Gadakh

Principal PRINCIPAL M.V.P. Samaj's Law College, Nashik-02



## Outward No. 705/2022-23

## Date: November 23, 2022

## A letter of Invitation

To, Dr. D. N. Pawar, IQAC Coordinator, Assistant Professor, Department of Geography, MVP Samaj's KSKW Arts, Science & Commerce College, CIDCO-422 008, Nashik.

Sub.: Invitation as an Expert Member for Academic and Administrative Audit

This is to invite you to our college as an Expert Member of Academic and Administrative Audit of the academic year 2021-22, which will be held on 25/11/2022. Your visit to this college will be really important. Your observations and suggestions will certainly benefit us for further academic and administrative progress.

Looking forward for your valuable co-operation.

Regards,

Time: 8.30 am onwards

Dr. Bhaskar Dhoke Principal Maratha Vidya Prasarak Samaj's Arts, Commerce & Science College, Tryambakeshwar, Tal. Tryambakeshwar, Dist. Nashik-422 212



Outward No. 7/7/2022-23

Date: November 25, 2022

## A letter of appreciation

To, Dr. D. N. Pawar, IQAC Coordinator, Assistant Professor, Department of Geography, MVP Samaj's KSKW Arts, Science & Commerce College, CIDCO-422 008, Nashik.

## Sub.: Letter of Appreciation

This is to extend our sincere thanks for your visit to our college as an Expert Member of Academic and Administrative Audit Committee visit which was held on November 25, 2022. Your visit to this college has proved quite satisfying. Your observations and suggestions will certainly benefit us for further academic and administrative progression.

Looking forward for your valuable co-operation in the future also. Regards,

Dr. Bhaskar Dhoke Principal Maratha Vidya Prasarak Samaj's Arts, Commerce & Science College, Tryambakeshwar, Tal. Tryambakeshwar, Dist. Nashik-422 212

Waratha Widya Prasarak Samaj's Dr. A. K. Shinde urts. Commerce And Science I/C Principal (M.Com, M.Phil., Ph.D.) College, Tryambakeshwar Member : B.O.S. (Accountancy) R Savitribai Phule Pune University Inst. Washin -472 212 (Maharashtra) E-mail : akshinde87@gmail.com NAAC PROTE NL (02594) 233506, 234034 Affiliated to Savitribai Phule Pune E-mail toxcollege294@gmail.com. University ID No. : PU/NS/A/55/(1998) Weissite www.mvptryambakcollege.ac.in Junior College No. J-13-14-008 5-11- PE 08 2022 // सस्नेह आभार //

TINT **王三郎 第111** के एस के डब्लू सिडको महाविद्यालय नपश्च

मामहादय

अपपण आमच्या महाविद्यालयात शुक्रवार दिनांक १६/०९/२०२२ रोजी उपस्थित राहून किद्यार्थिनींना,प्रिक्षक व शिक्षककेतर कर्मचारी यांना जागतिक ओझोन दिनानिमित प्रेरणादायी असे ज्याख्यान किले. त्याबद्दल महाविद्यालय आपले आभारी आहे. जुनद्धः आपल्या आगमनाच्या प्रतिक्षेत आहोत.

TROOME .

आपला विश्वास् (डा.ए.के

कला, वाणिज्य व विज्ञान महाविद्यालय ज्यंवकेश्वर, जि. नाशिक-४२२ २१२



जावक क्रमांक :- ४९४ /२०२२-२०२३

दिनांक:- १२/०९/२०२२

प्रति,

मा.डॉ.डी.एन.पवार (भूगोल विभाग) के.एस.के.डब्लू, कला, विज्ञान व वाणिज्य महाविद्यालय, सिडको,नाशिक.

विषय :- जागतिक ओझोनदिन कार्यक्रमास प्रमुख अतिथी म्हणून येणेबाबत...

मा.महोदय,

आपणास शुक्रवार दिनांक १६ सप्टेंबर २०२२ रोजी सकाळी १०.८० वाजता मराठा विद्या प्रसारक समाजाचे, कला, वाणिज्य व विज्ञान महाविद्यालय, त्र्यंबकेश्वर येथे जागतिक ओझोनदिनानिमित्त आयोजित केलेल्या कार्यक्रमास महाविद्यालयात प्रमुख अतिथी म्हणून उपस्थित राहून आम्हास मार्गदर्शन करावे. ही नम्र विनंती.

कळावे,

आपला विश्वास्,

Stately Stately [डॉ.ए.के.शिंदे] प्राचार्य



## Krantiveer Vasantrao Narayanrao Naik Shikshan Prasarak Sanstha's ARTS AND COMMERCE COLLEGE DINDORI

Umrale Road, Opp. Govt. ITI, Dindori, Dist Nashik Affiliated to Savitribai Phule Pune University NAAC Reaccredited 'B++' Grade (CGPA 2.95)

> One Day State Level Workshop on

Application of Geospatial Technology in Geographical Research

Sponsored by, Western Regional Centre, Indian Council of Social Science Research, Mumbai

Organized by, Department of Geography





This is to certify that Prof. / Dr. / Mr. / Mts. / Miss. Pawas Dryaneshwas Naraya

Mestern Regional Centre, Indian Council of Social Science Research, Mumbai on Application of Geospatial Technology in Geographical Research, organized by the Department of Geography, Kr. V. N. Naik Shikshan Prasarak Sanstha's Arts and Commerce College, Dindori on 25<sup>th</sup> April 2023.

Dr. Santosh Bhailume Co-ordinator

Mr. Rajendra Doifode Head & Organizing Secretary

Prin. Dr. Rajendra Sangale Chairman / Convener





Uttamnagar, Nashik -422 008 (M.S.) India Affiliated to Savitribai Phule Pune University Id No. PU/NS/ASC/047/1993 AISHE: C-42086 NAAC Reaccredited 'A' Grade (CGPA 3.20 III Cycle 2017-22) Best College Award by SPPU (2009 -10 & 2021-22)

INTERNAL QUALITY ASSURANCE CELL (IQAC) -ORGANIZED Savitrivai Phule Pune University Sponsored

STATE LEVEL WORKSHOP ON NATIONAL EDUCATION POLICY (MULTIDISCIPLINARY EDUCATION) On 03rd & 4th February, 2023,

This is to certify that, Mr./Ms./Dr. Doveneshwar N. Pawar Assi.Professor / Asso.Professor / Professor / Principal / Resource Person of <u>/c.s.k.w</u> Assi.Professor / <u>commerce college Mashik</u> has actively participated in the Savitribai Phule Pune University Sponsored Two days State Level Workshop on "NEP MULTIDISCIPLINARY EDUCATION" organized by IQAC M. V. P. Samaj's K.S.K.W. Arts, Science & Commerce College, CIDCO, Nashik, on 3rd & 4th February 2022-2023.

> Dr. Smt. N.P. Nikam Co-ordinator

Dr. D.N.Pawar **IQAC** Coordinator

Sind Prof.(Dr.) S.K.Kushare Principal

