



**VSPM'S DENTAL COLLEGE & RESEARCH CENTRE,  
NAGPUR-440019**

Digdoh Hills, Hingna Road, Nagpur-440 019 Ph: (07104) 665000,665301 Fax: (07104) 665011,

Email: [vspmdcrcnagpur@gmail.com](mailto:vspmdcrcnagpur@gmail.com) Website: <https://vspmdcrc.edu.in>

## **Completion Certificate**

This is to certify that the e-learning committee of HSET Unit in association with Interns' Monitoring Committee, VSPM Dental College and Research Centre, Nagpur has successfully conducted e-learning course on

### **Basic Research Methodology and Scientific Writing**

from 7<sup>th</sup> Feb 2022- 31<sup>st</sup> Dec 2022 for dental undergraduates.

Dr Usha Radke

Dean, Chairman HSET Unit

**VSPM's Dental College and Research Centre, Nagpur**



#### **Enclosures:**

1. list of participants
2. PDF of blank certificate

॥ विद्या परम् दैवतम् ॥



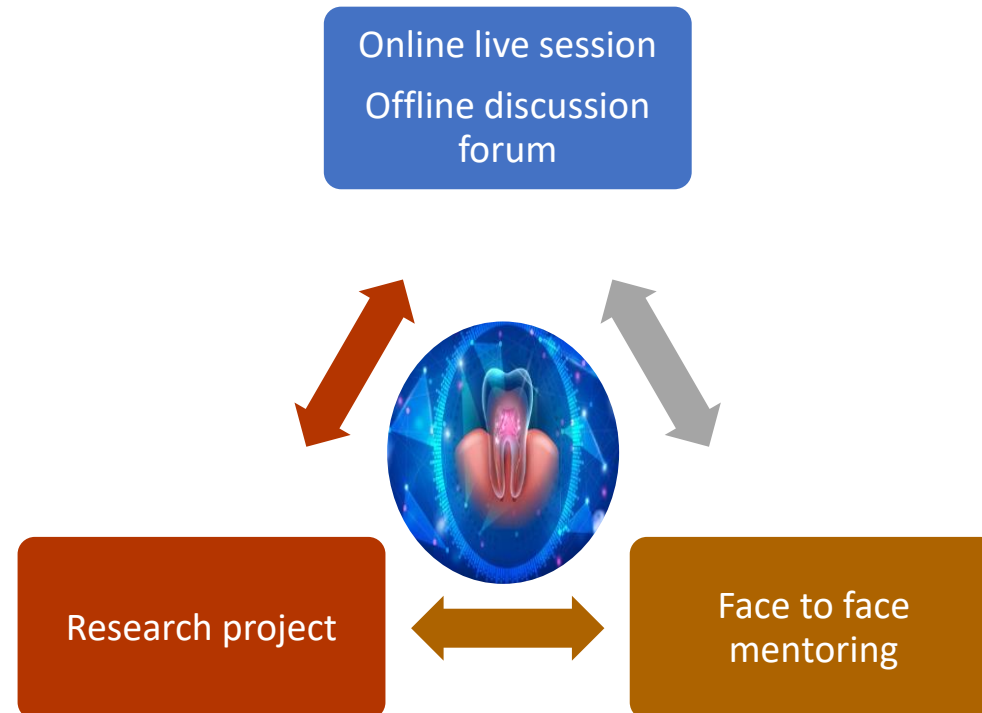
**VSPM**  
Education Is Life

# VSPM Dental College and Research Centre, Nagpur E-learning course

## Research Methodology & Scientific Writing

**An initiative by Interns Monitoring & E-learning Committee**

Second batch starts from 7<sup>th</sup> Feb 2022, Course Co-ordinator: Dr Surekha Rathod (Professor, Dept of Periodontics, VSPMDCRC, Nagpur)



# *Expected Learning Outcomes*

- Understanding of Research Concepts & Methodology.

- Choose the right research design for different research questions.

- Record and Analyse data using basic statistical techniques.

- Interpret analysis of data and report findings for publishing.

**Hands on experience:**  
Undertake and complete a research project including manuscript preparation and submission

# Course structure

- Week 1: Module 1-4
- Week 2: Modules 5-8
- Week 3: Modules 9-12
- Week 4: Assessment and project submission
- There will be an assignment after each module that needs to be submitted via Google-groups: **25 marks for each week, total 75 marks**
- Final research project submission (including manuscript) and online examination: **75 marks**
- Certification requirement: **min marks 100 out of 150.**

# Course Content

Modules	Topic	Resource person
1	Intro to the course & Conceptual Background of Research	Dr Saeesh Deshpande
2	Conceptualization of Variables and Measurement	Dr Vrushali Lathiya
3	Research Problem: Qualitative and Quantitative Research	Dr Pranjali Bawankar
4	Research Design, Identification of Research Topics, Hypothesis Formulation with hands on	Dr Vrushali Lathiya
5	Tools & Techniques of Data Collection: Primary & Secondary	Dr Pranjali Bawankar
6	Questionnaire Design & Testing with hands on	Dr Saeesh Deshpande
7	Data Tabulation and Graphic presentation of data	Dr Saeesh Deshpande
8	Basics of statistical analysis	Dr Saeesh Deshpande
9	Synopsis writing, completion report writing and submission process to IEC with hands on	Dr Surekha Rathod
10	Problems faced during Research and their Remedies	Dr Saeesh Deshpande
11	Writing scientific Research Papers and submitting for publication to journal with hands on	Dr Surekha Rathod
12	Ethical and Copyright Issues (Plagiarism) in Research	Dr Jaishree Chahande
13	Online assessment including pre and post test	Dr Jaishree Chahande
14	E-poster presentation	Dr Jaishree
	Submission of manuscript	Chahande

॥ विद्या परम् दैवतम् ॥



*VSPM Dental College and Research Centre, Nagpur*  
*E-learning course*  
**Research Methodology & Scientific Writing**  
**Batch- 2022**

**An initiative by Interns Monitoring & E-learning Committee**



*U Radke*

Dr Usha Radke

Dean



VSPM's Dental College and Research Centre, Nagpur



**VSPM'S DENTAL COLLEGE & RESEARCH CENTRE,  
NAGPUR-440019**

Digdoh Hills, Hingna Road, Nagpur-440 019 Ph: (07104) 665000,665301 Fax: (07104) 665011,

Email: [vspmdrcnagpur@gmail.com](mailto:vspmdrcnagpur@gmail.com) Website: <https://vspmdrc.edu.in>

**This is to certify that following interns have completed the e-learning course on  
Basic Research Methodology and Scientific Writing from 7<sup>th</sup> Feb 2022- 31<sup>st</sup> Dec 2022**

Sr. No.	Name of Interns	Email id	contact number
1	Nikita Agrawal	nikitaagrawal1712@gmail.com	9067584021
2	Tanushree Agrawal	tanushreeagrawal98@gmail.com	8007866545
3	Anjali Ahuja	anjaliahuja029@gmail.com	9764312321
4	Ashwini Kamdi	ashwinikjnc@gmail.com	7620311941
5	Pratik Badge	prateekbadge@gmail.com	7743981636
6	Priyanka Bagde	priyanka3298bagde@gmail.com	9022302214
7	Shruti Bajaj	ssbajaj13@gmail.com	9130829646
8	Devashish Bhagat	devashishbhagat23@gmail.com	9834733940
9	Vaishnavi Pawar	vaishnavipawar180494@gmail.com	7038058188
10	Dheeraj Bhojar	<a href="mailto:dheerj1998bhojar@gmail.com">dheerj1998bhojar@gmail.com</a>	7773927727
11	NamiraBaig	namirabaig6@gmail.com	8668458922
12	Kapil Balani	kapilbalani98@gmail.com	7385536563
13	MrunalBochare	mrunal12.1d@gmail.com	9765000170
14	VedantBonde	bondevedant8@gmail.com	8999457259
15	Harsh Borundia	harshoriginals@gmail.com	9823460989
16	Srushti Buty	srushtibuty@gmail.com	9168508666
17	Mayur Chakole	mayurchakole98@gmail.com	9158033170
18	JayashriChandak	jayashrinchandak@gmail.com	8308185145
19	RashiChawre	rashichawre31@gmail.com	9158109408
20	Shikha Changani	shikhachhangani75@gmail.com	7385676687
21	Rohini Chichghare	rhchichghare@gmail.com	9623031088
22	Sachi Chute	sachichute700@gmail.com	9823874258
23	Spruha Deshpande	spruhasandeshpande@gmail.com	9421012081
24	Pooja Dhargawe	Poojadhargawe8@gmail.com	8793515011
25	KshitijaDhoke	kshitijadhoke20@gmail.com	7083506144
26	Apoorva Dhopte	apoorvadhopte23@gmail.com	7620347674
27	Hitesh Dibbe	hitesh.dibbe@gmail.com	7083292680
28	Ashwini Dixit	ashwinidixit02@gmail.com	9673185157
29	Pooja Fating	poojafating@gmail.com	7350958937
30	Apoorva Gadre	apoorvagadre6y2k@gmail.com	8999544439
31	Iram Gazi	iramgazi8799@gmail.com	9890930190
32	Janhavi Gedam	janhavigedam01@gmail.com	9420188867



## VSPM'S DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR-440019

Digdoh Hills, Hingna Road, Nagpur-440 019 Ph: (07104) 665000,665301 Fax: (07104) 665011,

Email: [vspmdrcnagpur@gmail.com](mailto:vspmdrcnagpur@gmail.com) Website: <https://vspmdrc.edu.in>

33	Samiksha Ghagre	sghagre44@gmail.com	7218654644
34	Pooja Girhepunje	poojagirhepunje98@gmail.com	8482892349
35	ToshaniGiroolkar	toshanigirolkar.27@gmail.com	9422165388
36	Kalyani Jaybhaye	kalyanilonar@gmail.com	9423023864
37	Tuleeka Gupta	tulikapgupta@gmail.com	7720092474
38	Manas Jain	manasjain77777@gmail.com	9834570461
39	Kashif Mohammed	kashifmp3112@gmail.com	8459851637
40	AkankshaKatkar	akankshakatkar@gmail.com	9665842142
41	Nidhi Khangar	nidhikhangar30@gmail.com	9146851929
42	Mahesh Kharche	maheshkharche443404@gmail.com	9156111042
43	Vaishnavi Kherde	vaishnavikherde10@gmail.com	8975794964
44	Aditi Joshi	jaditi1998@gmail.com	9158919530
45	JanhaviKamane	kamanejanhavi1998@gmail.com	8149304217
46	Juhi Mahajan	missjuhimm@gmail.com	9405719607
47	Akanksha Makode	akankshamakode93@gmail.com	9284451279
48	Pranav Mandhane	pranavprm81@gmail.com	9834243233
49	Piyush Mate	piyushmate10@gmail.com	9011485264
50	Mayuri Sorde	mayurisorde611@gmail.com	8928008836
51	AkshayMeshram	akshaymeshram180@gmail.com	9923953368
52	NavratnaMantapuriwar	navratnamantapuriwar@gmail.com	7798773573
53	Avanti Kumbhalwar	avanti630@gmail.com	8237012416
54	Ashwini Madavi	Ash18.madavi@gmail.com	751720678
55	Mohit Mulchandani	mohitmulchandani92@gmail.com	8983346837
56	Natasha Meshram	natashameshram4@gmail.com	8412019848
57	Nayan Pachpol	nayanpachpol93@gmail.com	9689508070
58	Mohsin Ayaz	mohsinayaz0607@gmail.com	8856045207
59	Hrushikesh Mishra	hrushikeshmishra1706@gmail.com	9834785814, 7083268596
60	Deepanjali Mishra	deepanjalmishra5@gmail.com	8550957840
61	Neha Singh	nehasingh257301@gmail.com	7038769842
62	Mayur Sistla	mayursistla46810@gmail.com	9604779707
63	Pradip Sangrame	Psangrame1@gmail.com	9764830487
64	SuchitaTalmale	suchitalalmale1216@gmail.com	9146684714
65	SayaliTadas	sayali.tadas28@gmail.com	7028430730
66	PratikshaThool	pratikshathool70@gmail.com	7721028546
67	Akanksha Shrikhande	akankshashrikhande@gmail.com	9970880384
68	Yogini Shende	yoginishende28@gmail.com	7756992745
69	Sheetal Sharma	Sheetalsharma56467@gmail.com	9527577303



## VSPM'S DENTAL COLLEGE & RESEARCH CENTRE, NAGPUR-440019

Digdoh Hills, Hingna Road, Nagpur-440 019 Ph: (07104) 665000,665301 Fax: (07104) 665011,

Email: [vspmdrcnagpur@gmail.com](mailto:vspmdrcnagpur@gmail.com) Website: <https://vspmdrc.edu.in>

70	Amisha Sharma	amishaforu20@gmail.com	83079846089
71	KatyayaneeSathone	katyayanee.sathone@gmail.com	7887429075
72	Amruta Satdeve	amrutasatdeve@gmail.com	7721934152 , 7410194690
73	Vaishnavi Hatwar	hatwar.vaishu@gmail.com	9356792087
74	Sakshi Velukar	sakshi.velukar@gmail.com	8600505512
75	Khushbu Waghmare	khushbuwaghmare1999@gmail.com	9172336531
76	Ashlesha Waghode	waghodeashlesha22@gmail.com	8421165987
77	Utkarsha Wasnik	utkiwasni63219712k@gmail.com	7378548915
78	Anushree Yadav	yadavanushree99@gmail.com	9168126308
79	Anshadha Yede	Anshadhayedede5@gmail.com	8788115053
80	Ankit Tirpude	Ankittirpude0@gmail.com	7507386900
81	Mayur Tupate	tupatemayur@gmail.com	7350762006
82	Pranav Umale	Pranavumale1998@gmail.com	9689861376
83	Vaibhav Alone	vaibhavalone912@gmail.com	9834418201
84	Sneha Bhujade	bhujadesneha13@gmail.com	7219683544
85	Aditya Jinkalwar	jinkalwaras@gmail.com	8830208149
86	Jahanvi Meshram	Janhvimeshram19@gmail.com	8983886966
87	Gayatri Nagdeve	gaytrinagdeve@gmail.com	9423449129
88	Shreyash Ohale	shreyashohale17@gmail.com	9665070450
89	Kiran Sontakke	kiran.sontakkek198@gmail.com	9325574729
90	Pratik Mandavkar	pratikmandavkar@gmail.com	9405945682
91	Tehniyat Syed	tehniyatsyed08@gmail.com	8378821785
92	Pradnya Meshram	Pradnyameshram55@gmail.com	7058548706
93	Pooja Chute	poojachute05@gmail.com	8208909526
94	Bhagyashri Shivankar	bhagyashrishivankar1999@gmail.com	9130980220
95	Kaushal Dahikar	dahikarkaushal@gmail.com	7038896373
96	Isha Hajare	iishahajare@gmail.com	9075529369
97	Vaishnavi Dhanurkar	dhanurkarvaishnavi@gmail.com	8168173847
98	Trupti Zade	Purvi.zade@gmail.com	8830320727
99	Trupti Patil	trupti. p. patil1234@gmail.com	7798043408
100	Renuka Bodkhe	renukabodkhe@gmail.com	8390664232
101	Adesh Watane	wataneadesh@gmail.com	7263928976

*Utkarsha*

Dean, Chairman HSET Unit

VSPM's Dental College and Research Centre, Nagpur





VSPM'S DENTAL COLLEGE & RESEARCH CENTRE,  
NAGPUR-440019

Digdoh Hills, Hingna Road, Nagpur-440 019 Ph: (07104) 665000,665301 Fax: (07104) 665011,  
Email: [vspmdrcnagpur@gmail.com](mailto:vspmdrcnagpur@gmail.com) Website: <https://vspmdrc.edu.in>

## **E-learning course: Research Methodology & Scientific Writing**

### **Introduction**

VSPM Dental College and Research Centre, Nagpur has started an e-learning course titled 'Research Methodology & Scientific Writing'. This is an initiative by Interns Monitoring & E-learning Committee with an intent to inculcate skills of conducting authentic research amongst the dental undergraduates.

The course has a hybrid structure including online live session, offline discussion forum as well as face to face mentoring and online assignments and quiz.

A hands-on experience in the form of research project to be completed in stipulated time is also an integral component of this course.

**Eligibility:** students pursuing BDS course

### **Duration:**

The course is divided in four modules: 20 hours, Project work: 6 months

**Mode of course delivery:** synchronous and asynchronous

### **Course outcomes:**

- Understanding of Research Concepts & Methodology.
- Choose the right research design for different research questions.
- Record and Analyse data using basic statistical techniques.
- Interpret analysis of data and report findings for publishing in the form of manuscript preparation and submission.

### **Course co-ordinator:**

Dr Surekha Rathod (Prof Dept of Periodontics, Chairperson Intern's Monitoring Committee),

Dr Saeed Deshpande (Assoc Prof, Dept of Prosthodontics, co-ordinator e-learning committee).

### **Resource persons:**

Dr Vrushali Modi (Sr Lecturer, Dept of Periododontics),

Dr Pranjali Bawankar (Sr Lecturer, Dept of Periododontics) and

Dr Jaishree Chahande (Lecturer, Dept of Prosthodontics).

**Date of Commencement of second batch:** 7<sup>th</sup> Feb 2022,

**Date of Completion of second batch:** 30<sup>th</sup> Dec 2022

Participants: 101 (Interns 2021-22 Batch)

Dr Usha Radke

Dean, Chairman HSET Unit

VSPM's Dental College and  
Research Centre, Nagpur

