



Vishnu Waman Thakur Charitable Trust's

## VIVA INSTITUTE OF APPLIED ART

(Approved by A. I. C. T. E., Affiliated to University of Mumbai)

Block A, Veer Sawarkar Marg, Shirgaon, Virar-East, Dist: Palghar – 401 305

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### **FACULTY DEVELOPMENT PROGRAM** **REPORT- 2022-23**

**Date:** 5th February 2023 to 20th April 2023

**Time:** 10.30 am. To 12.30 pm

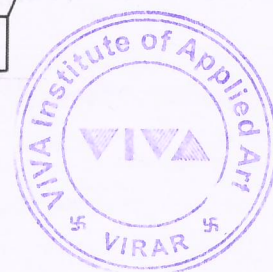
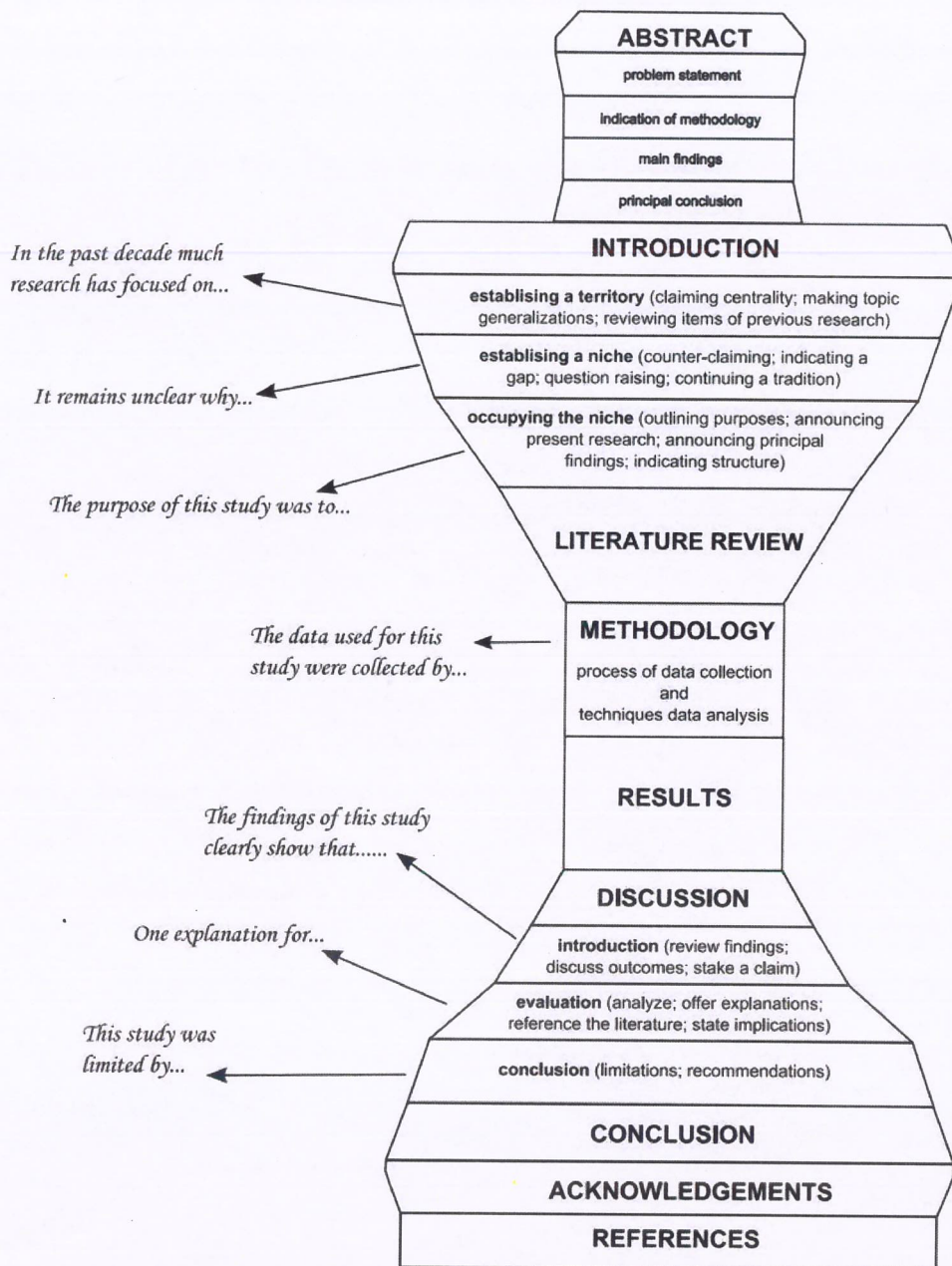
**Address:** 8th Floor,  
New Viva College, New, Viva College Rd,  
opposite DMart, Vartak Ward, Virar West,  
Virar, Maharashtra 401303

**Speaker / Resource Person:** 1) Dr. Aditya Gupte.  
2) Dr. Sheetal Mhatre.

**Introduction:** VIVA Institute of Applied Art organizes innovative programs for teachers every year. This year a faculty development program was organized on research for teachers, so engaging in research brings many benefits to teachers, increasing their professional growth, classroom effectiveness, and overall contribution to education. Incorporating research into their teaching practices empowers teachers to become reflective practitioners who continually refine their teaching approaches, adapt to changing educational landscapes, and positively impact the lives of their students.

**Objective:** Help faculty members increase their research output by providing them with resources, mentorship, and guidance on how to effectively manage research projects, collaborate with colleagues, and meet research goals.







Shri Vishnu Waman Thakur Charitable Trust's

## VIVA INSTITUTE OF APPLIED ART

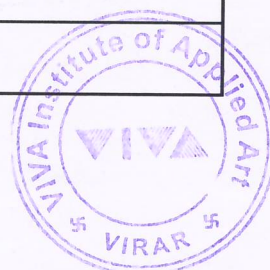
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### List for FDP on Research Program

Sr No.	Names
1	Dr. Sangita Patil
2	Prof. Sangeeta Kurup
3	Prof. Gorakh Thakare
4	Prof. Nivrutti Gargade
5	Prof. Neha Dhanu
6	Prof. Netra Banger
7	Prof. Vrushali Patil
8	Prof. Akshata Mestry
9	Prof. Rakesh Kadam
10	Prof. Nakul Sutar
11	Prof. Apurva Vaidya
12	Prof. Akshay Pai
13	Prof. Parth Thakkar
14	Prof. Pradnya Waghmare
15	Prof. Prafulla Sutar



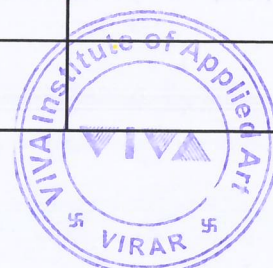


## Professors involved in FDP research programs



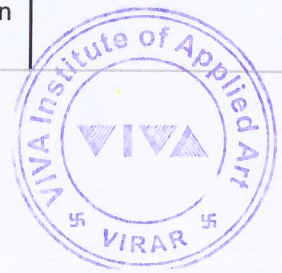
### List for FDP on Research Program | VIVA Institute of Applied Art Faculties

Sr No.	Names	Contact no	Email ID	Topic 1 of research	Topic 2 of research
1	Dr. Sangita Patil	9372552005	sangitapatil@vivaaappliedart.org	Aesthetics plays an essential role in the success of any product.	Teaching and learning methodologies of Art Education
2	Prof. Sangeeta Kurup	9764002585	sangeetak@vivaaappliedart.org	Importance of texture design in advertising.	
3	Prof. Gorakh Thakare	9022368934	gorakh@vivaappliedart.org	Basic elements of illustration and its Classification	How to develop a character design and its types
4	Prof. Nivrutti Gargade	9975476715	nivrutti@vivaappliedart.org	Current scenario of innovation in advertising media.	
5	Prof. Neha Dhanu	9867888663	neha@vivaappliedart.org		
6	Prof. Netra Bangera	8446117865	netra@vivaappliedart.org	Reviving classified ads.... with changing times using modern visual design concepts / tools	Textual elements as expressive tools interpreting visual design ideas
7	Prof. Vrushali Patil	7758056565	vrushali@vivaappliedart.org	Impact and evolution of Graphic Design in the new era of advertising.	
8	Prof. Akshata Mestry	9920143749	akshata@vivaappliedart.org	Possibility of visual presentation for interpretation of information in permanent exhibition space design	Local brand purchase at checkout counters can encourage consumer choices by counter space design in supermarket
9	Prof. Rakesh Kadam	7208519589	rakesh@vivaappliedart.org	Impact of modernization and Digitalisation on stage design now these days.	Evolution In stage design
10	Prof. Nakul Sutar	9768063882	nakul@vivaappliedart.org		




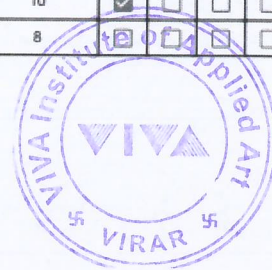


11	Prof. Apurva Vaidya	7276894491	apurvavaidya@vivaappliedart.org	Creative Thinking is the Fundamental Ability for Effective Copywriting in Advertising	
12	Prof. Akshay Pai	7841938148	akshay@vivaappliedart.org	Joaquin Sorolla आणि John Singer Sargent यांच्या व्यक्तिचित्रणामधील impressionism चा प्रभाव यांचा तुलनात्मक अभ्यास.	Impressionism मधील चित्रकला आणि outdoor portrait painting यांचा परस्परसंबंध व त्यातील प्रगती.
13	Prof. Parth Thakkar	9702332522	parththakkar@vivaappliedart.org	Paradigm shifts in the iconography of female depictions in the Puranic paintings from Raja Ravi Varma to S.M. Pandit.	Nationalism in Art during Coloniality: A comparative study of Raja Ravi Varma and Bengal Revivalists.
14	Prof. Pradnya Waghmare	9423372771	pradnyawaghmare@vivaappliedart.org		
15	Prof. Prafulla Sutar	9769982596	prafullasutar@vivaappliedart.org	1. Baburao Painter's journey from painting to theatre 2.A Feasibility Analysis of Facial Expressions in Indian Portraiture	



## Programme Attendance

<div></div>														Online discussion & Correction by Dr. Sheetal Koradkar						
FDP Research Program Course   Attendance																				
Sr. No.	Faculty Name	FEB			MARCH				APRIL					Total Days / 12	MARCH		April			
		5	11	18	4	8	11	25	1	8	15	18	24	Present Days	6	18	10	11	18	20
1	Dr. Sangita Patil	1	1	1	1	na	0	1	1	1	1		Review  Final Paper Submission	8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Prof. Sangeeta Kurup	1	1	1	1	na	1	1	1	1	1			9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Prof. Gorakh Thakare	1	1	1	1	1	1	1	1	1	1			10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Prof. Nivrutti Gargade	1	1	1	1	1	1	1	1	1	1			10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Prof. Neha Dhanu	1	1	1	1	1	1	1	1	1	1			10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Prof. Netra Bangera	1	1	1	1	na	1	1	1	1	1			9	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Prof. Vrushali Patil	1	1	1	1	na	1	1	1	1	1			9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Prof. Akshata Mestry	1	1	1	1	na	1	1	1	1	1			9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Prof. Rakesh Kadam	1	1	1	1	1	1	1	1	1	1			10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Prof. Nakul Sutar	1	1	1	1	1	1	1	1	1	1			10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Prof. Apurva Vaidya	1	1	1	1	na	1	1	1	1	1			9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12	Prof. Akshay Pai	1	0	1	0	1	1	1	1	1	1			8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	Prof. Parth Thakkar	1	1	1	1	na	1	1	1	1	1			9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	Prof. Pradnya Waghmare	1	1	1	0	1	1	1	1	1	1			9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	Prof. Prafulla Sutar	1	1	1	1	1	1	1	1	1	1			10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	Prof. Mamta Raut	1	0	1	1	na	1	1	1	1	1			8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>





FDP on Research Paper - VIVA Institute of Applied Art

Sr No.	Names	Contact No	Email ID	Topic of Research	Submission Status		
					24 Apr	8 May	Completed RPS
1	Dr. Sangita Patil	9372552005	sangitapatil@vivaappliedart.org	Aesthetics plays an important role in the success of any product.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Prof. Sangeeta Kurup	9764002585	sangeetak@vivaappliedart.org	Texture in designing an emotional expression. / Conveying an emotional expression in Texture Design / Defining Texture Design as emotional expressions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Prof. Gorakh Thakare	9022368934	gorakh@vivaappliedart.org	Basic elements of illustration and its Classification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Prof. Nivrutti Gargade	9975476715	nivrutti@vivaappliedart.org	Current scenario of innovation in advertising media.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5	Prof. Neha Dhanu	9867888663	neha@vivaappliedart.org	मराठी नाटकांच्या लिपिकांची अक्षर शैली एक अभ्यास	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Prof. Netra Bangera	8446117865	netra@vivaappliedart.org	Making a Mark: Role of Expressive Typography in Fostering Creative and Cognitive Skills in Learners	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	Prof. Vrushi Patil	7758056565	vrushi@vivaappliedart.org	Impact and evolution of Graphic Design in the new era of advertising.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8	Prof. Akshata Mestry	9920143749	akshata@vivaappliedart.org	The significance of counter space design to promote local brand	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9	Prof. Rakesh Kadam	7208519589	rakesh@vivaappliedart.org	Impact of modernisation and Digitalisation on stage design now these days.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Prof. Nakul Sutar	9768063882	nakul@vivaappliedart.org	Extreme exaggeration & distortion in caricature can result into unidentification of the character.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Prof. Apurva Vaidya	7276894491	apurvavaidya@vivaappliedart.org	Creative Thinking is the Fundamental Ability for Effective Copywriting in Advertising	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
12	Prof. Akshay Pai	7841938148	akshay@vivaappliedart.org	Joaquin Sorolla आणि John Singer Sargent यांच्या व्यक्तिचित्रणामधील impressionism चा प्रभाव यांचा तुलनात्मक अभ्यास.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	Prof. Parth Thakkar	9702332522	parththakkar@vivaappliedart.org	Paradigm shifts in the iconography of female depictions in the Puranic paintings from Raja Ravi Varma to S.M. Pandit.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
14	Prof. Pradnya Waghmare	9423372771	pradnyawaghmare@vivaappliedart.org	Experiments In Printmaking by Contemporary Artists	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	Prof. Prafulla Sutar	9769982586	prafullasutar@vivaappliedart.org	Baburao Painter's journey from painting to theatre	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	Prof. Mamta Raut	8007999933	mamta@vivaappliedart.org	Importance of picture books in the vocabulary development of toddlers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



## Greetings From RAW Engineering



Greetings!

Raw Engineering Academy has come from a very noble and humble thought of giving back to the town, Virar! The academy is a specialized IT and soft skills training program, designed to combat India's IT job-readiness crisis & bridge the skills gap. We offer intensive job-readiness programs that give students access to adequate training by industry professionals, mentorship through the course & experience working on Real Life Projects. Our multi-skilled and industry focused programs, guides students towards the future skills which can lead them towards the brighter tomorrow!

Our first batches successfully completed the course and are heading towards placements now.

They say a good teacher is someone who can transfuse the desire to learn in students. That means that the right knowledge of a subject is not enough, the teachers need to possess essential skills as well. We have curated a program where faculties will be able to write Research papers with the help of our highly qualities mentor from IIT & other reputed institutes.

### The highlights of the Course:

- Short duration, workshop pattern, weekends to suit most faculty schedule
- Research, Data assistance
- Personal mentoring and review
- Highly qualified mentors
- Reasonable Fees
- Location: Raw Engineering Office at VIVA new campus, Virar West.
- Program Outcome: a research paper outline ready of each candidates.





- e. Writing the results and discussions
  - f. Mentoring on Methodology
6. Writing Conclusion and Future Recommendation (Day 6)
- a. Understanding what is to be written in conclusion
  - b. How to go broader with conclusion and looking at the big picture
  - c. Writing future recommendation and why is it important
  - d. Mentoring for Results and Discussions
7. Overview on APA Style Referencing and providing feedback on the paper written based on the given data. (Day 7)
- a. How to do write in text citation and bibliography
  - b. Understand APA Reference style
  - c. How to use APA style for different parts such as images, conference papers, journal papers and all

This is a great opportunity for all the faculties especially from Engineering, Applied art & Architecture stream faculties as we focus further on Design & User centric methodologies. For any queries please reach out to us we will be happy to help and can curate as per institute specific needs (Duration, number of faculties, in-premise training).

Warm Regards,  
Kshitija Katare.  
(8080328869)



**The Overview of this FDP (faculty development program) for Research course:**

**What is Research? (Day 1)**

- a. Understanding what exactly is research
  - b. Opening accounts on different Scopus, ORCID, Web of Science and various important website
  - c. Understanding what are predatory journals and how to maintain authenticity in research
  - d. Research Ethics and Terminologies
  - e. Difference between Research article, whitepaper and Research paper
  - f. What are the latest rules for a professor as per UGC and AICTE in terms of publications and guides
2. Understanding Introduction and what to write (Day 2)
- a. What is the meaning of Introduction?
  - b. What are the elements of an introduction?
  - c. How do you gather data to write an introduction
  - d. Understanding flow of an Introduction
  - e. What is a problem statement?
  - f. How do you end an Introduction?
3. Carrying out Literature Review on the topic (Day 3)
- a. What is literature review and why is it important
  - b. How to search for the authentic literature?
  - c. How to read through papers
  - d. Creating a repository of important papers related to the topic.
  - e. Understanding research gaps
  - f. Converting research gaps into research objectives
  - g. Mentoring for the Introduction
4. Teaching Methodology (Day 4)
- a. Understanding what is methodology
  - b. What are the different methodologies
  - c. What is primary research and secondary research?
  - d. Understanding sample size and why is it important
  - e. How to write a proper methodology
  - f. Mentoring on Literature Review
5. Understanding and Interpreting Results and Discussions (Day 5)
- a. Converting the data collected into results
  - b. Representing the results using proper tables and figures
  - c. Analyzing the results using different techniques
  - d. Converting analysis into insights





**Speaker / Resource Person:**1) Dr. Aditya Gupte.



F2-201, Vijay Nagar Society, off.  
Sahar Road, Near Andheri Station,  
Andheri(E), Mumbai - 400069

(+91) 9833518920

aditya.gupte@atlasuniversity.edu.in

LinkedIn:

[https://www.linkedin.com/in/dr-  
aditya-g-a74b691b/](https://www.linkedin.com/in/dr-aditya-g-a74b691b/)

#### Areas of Research

- a) Immersive Realities (VR, AR, MR)
- b) Internet of Things (IoT)
- c) Drone Design
- d) Aerospace Vehicle Design and Optimization
- e) Product Design
- f) Medical Devices

## Dr. Aditya Ajit Gupte

### Design Researcher

#### Profile

Dr Aditya Ajit Gupte is working in the area of Emerging technologies and Product Design. His main area of expertise is in Emerging technology such as Internet of things (IoT), Immersive Realities, Drone Design and Medical Devices. His Master's thesis was in Analysis and Redesigning of Scramjet Combustor Facility along with NASA Glenn Research Center and University of Virginia that led to using materials which resist thermal deformations in Scramjet Engines. The research was published in the prestigious AIAA Conference. He completed his PhD thesis titled "Analysis of Internal Flow Characteristics for a Synthetic Jet in Crossflow" at IIT Bombay with 2 conference publications. He has worked in various drone projects such as developing a flying car for India which can work both in land and air, using drones and Machine Learning/ AI for patrolling on the Mumbai-Pune Expressway to minimize violations and accidents by detecting and sounding alarms using the patrolling drones. He has also worked in the area of healthcare along with MIT Media Labs for developing a glove for detecting onset of Parkinson tremors and informing the doctors about the effect of the medicines on the patient. Another project with MIT includes developing a sleep mask for detecting obstructive sleep apnea (OSA) for mass screening of population at home. In Immersive Experiences, he has worked on understanding the effect of virtual reality on the buy decision of luxury cars and combining IoT and VR to develop adaptive experiences for soothing passengers in future mobility vehicles. His research interests are mainly in the area of Immersive Experiences, Future Mobility Vehicles, Aerospace Simulations, Product Design and Internet of Things.



FDP Program Photograph











**Report By-**  
Prof. Gorakh Thakare  
VIVA Institute of Applied Art





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8th floor, New VIVA Campus, Virar (W), Palghar 401 303, India | 83298 48066 | ✉ [academy@raweng.com](mailto:academy@raweng.com) | [www.rawengineeringacademy.in](http://www.rawengineeringacademy.in)





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## CERTIFICATE OF PARTICIPATION

This is to certify that

**Nivrutti Gargade**

has successfully completed the certification course of  
**FDP (Faculty Development Program) for a Research**  
by **Raw Engineering Academy** (a venture of Surfboard India Pvt. Ltd.) in May, 2023.

General Manager

Facilitator



8th floor, New VIVA Campus, Virar (W), Palghar 401 303, India | 83298 48066 | [academy@raweng.com](mailto:academy@raweng.com) | [www.rawengineeringacademy.in](http://www.rawengineeringacademy.in)

## CERTIFICATE OF COMPLETION

This is to certify that

**Apurva Vaidya**

has successfully completed the certification course of  
**FDP (Faculty Development Program) for a Research**  
by **Raw Engineering Academy** (a venture of Surfboard India Pvt. Ltd.) in May, 2023.

General Manager

Facilitator



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## CERTIFICATE OF PARTICIPATION

This is to certify that

**Praful Sutar**

has successfully completed the certification course of  
**FDP (Faculty Development Program) for a Research**

by **Raw Engineering Academy** (a venture of Surfboard India Pvt. Ltd.) in May, 2023.

General Manager

Facilitator



8th floor, New VIVA Campus, Virar (W), Palghar 401 303, India | 83298 48066 | [academy@raweng.com](mailto:academy@raweng.com) | [www.rawengineeringacademy.in](http://www.rawengineeringacademy.in)

## CERTIFICATE OF PARTICIPATION

This is to certify that

**Pradnya Wagmare**

has successfully completed the certification course of  
**FDP (Faculty Development Program) for a Research**

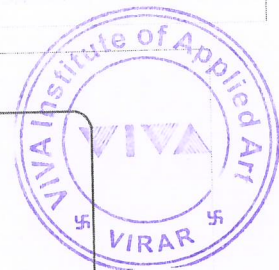
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General Manager

Facilitator



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# CERTIFICATE OF COMPLETION

This is to certify that

**Parth Thakkar**

has successfully completed the certification course of  
**FDP (Faculty Development Program) for a Research**  
by **Raw Engineering Academy** (a venture of Surfboard India Pvt. Ltd.) in May, 2023.

General Manager

Facilitator



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# CERTIFICATE OF COMPLETION

This is to certify that

**Akshata Mestry**

has successfully completed the certification course of  
**FDP (Faculty Development Program) for a Research**  
by **Raw Engineering Academy** (a venture of Surfboard India Pvt. Ltd.) in May, 2023.

General Manager

Facilitator



8th floor, New VIVA Campus, Virar (W), Palghar 401 303, India | 83298 48066 | [academy@raweng.com](mailto:academy@raweng.com) | [www.rawengineeringacademy.in](http://www.rawengineeringacademy.in)



# CERTIFICATE OF PARTICIPATION

This is to certify that

**Rakesh Kadam**

has successfully completed the certification course of  
**FDP (Faculty Development Program) for a Research**  
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General Manager

Facilitator



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Block A, Veer Sawarkar Marg, Shirgaon, Virar-East, Dist: Palghar – 401 305

07756937795 | [www.vivaappliedart.org](http://www.vivaappliedart.org) | [contact@vivaappliedart.org](mailto:contact@vivaappliedart.org)



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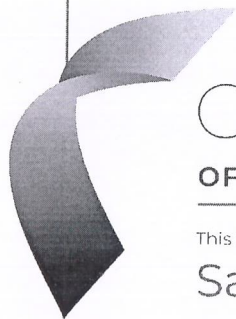
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## CERTIFICATE OF PARTICIPATION

This is to certify that

**Sangeeta Kurup**

has successfully completed the certification course of  
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General Manager

Facilitator



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## CERTIFICATE OF COMPLETION

This is to certify that

**Netra Bangera**

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**FDP (Faculty Development Program) for a Research**  
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General Manager

Facilitator



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07756937795 | [www.vivaappliedart.org](http://www.vivaappliedart.org) | [contact@vivaappliedart.org](mailto:contact@vivaappliedart.org)

## CERTIFICATE OF PARTICIPATION

This is to certify that

**Akshay Pai**

has successfully completed the certification course of

**FDP (Faculty Development Program) for a Research**

by **Raw Engineering Academy** (a venture of Surfboard India Pvt. Ltd.) in May, 2023.

General Manager

Facilitator



8th floor, New VIVA Campus, Virar (W), Palghar 401 303, India | 83298 48066 | [academy@raweng.com](mailto:academy@raweng.com) | [www.rawengineeringacademy.in](http://www.rawengineeringacademy.in)



## CERTIFICATE OF PARTICIPATION

This is to certify that

**Nakul Sutar**

has successfully completed the certification course of

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General Manager

Facilitator



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