

## Certificate Course in Research Methods and Data Analysis

### TYBA Sem VI Students

➤ Syllabus of the Course:

<https://aspcdevrukh.ac.in/wp-content/uploads/2024/07/Skill-Courses-Research-Methods-and-Data-Analysis-Syllabus.docx.pdf>

➤ Schedule of the Skill Course in ‘Research Methods and Data Analysis’

Month	Day & Date	Time	Topic to be covered
March	Monday, 04/03/2024	11: 40 am to 12: 40 pm	<ul style="list-style-type: none"><li>○ What is Research?</li><li>○ Identifying the research problem</li></ul>
	Tuesday, 05/03/2024	11: 40 am to 12: 40 pm	<ul style="list-style-type: none"><li>○ Quantitative Research Methods - Closed-ended questionnaires/survey and Structured Interviews</li></ul>
	Saturday, 09/03/2024	11: 40 am to 12: 40 pm	<ul style="list-style-type: none"><li>○ Qualitative Research Methods – Focus Groups, Observation, Open-ended Questionnaires, Structured and semi-structured interviews, Theoretical analysis</li></ul>
	Tuesday, 12/03/2024	11: 40 am to 12: 40 pm	<ul style="list-style-type: none"><li>○ Mixed Method Approach</li><li>○ Plagiarism –Concept and precautions</li></ul>
	Saturday, 16/03/2024	11: 40 am to 12: 40 pm	<ul style="list-style-type: none"><li>○ What is research design?</li><li>○ Need of a research design</li></ul>
	Tuesday, 19/03/2024	11: 40 am to 12: 40 pm	<ul style="list-style-type: none"><li>○ Types of research design</li><li>○ Steps in preparing research design</li></ul>
	Saturday, 23/03/2024	11: 40 am to 12: 40 pm	<ul style="list-style-type: none"><li>○ What is sample?</li><li>○ Sample size</li><li>○ Sampling methods</li></ul>



  
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April	Thursday, 18/04/2024	08 : 00 am to 10 : 30 am	<ul style="list-style-type: none"> <li>○ Sampling errors</li> <li>○ Classification of data</li> <li>○ graphical representations,</li> </ul>
	Friday, 19/04/2024	08 : 00 am to 10 : 30 am	<ul style="list-style-type: none"> <li>○ measures of central tendency</li> <li>○ measures of variability</li> </ul>
	Saturday, 20/04/2024	08 : 00 am to 10 : 30 am	<ul style="list-style-type: none"> <li>○ What are Inferential Statistics?</li> <li>○ Estimating population parameters</li> <li>○ Point estimators, Interval estimators</li> <li>○ Confidence intervals</li> </ul>
	Monday 22/04/2024	08 : 00 am to 10 : 00 am	<ul style="list-style-type: none"> <li>○ Hypothesis : Concepts related to testing</li> </ul>
	Tuesday, 23/04/2024	08 : 00 am to 10 : 30 am	<ul style="list-style-type: none"> <li>○ Some parametric and non-parametric tests</li> </ul>

From 24/04/2024 to 30/04/2024, students will spend time for field work.

## Attendance of Students

Certificate Course in Research Methods and Data Analysis  
Attendance  
Semester VI 2023-24

Sr. # Name of the Student	19/04/24	19/04/24	19/04/24	19/04/24	20/04/24	20/04/24	20/04/24	20/04/24	20/04/24	20/04/24
1 AGARE NIKITA CHANDRAKANT	<i>Nigare</i>	<i>Nigare</i>	<i>Nigare</i>	<i>Nigare</i>	<i>Nigare</i>	<i>Nigare</i>	<i>Nigare</i>	AB	AB	<i>Nigare</i>
2 BANDAGALE DIVYA ASHOK	<i>Pandagale</i>	<i>Pandagale</i>	<i>Pandagale</i>	<i>Pandagale</i>	<i>Pandagale</i>	<i>Pandagale</i>	<i>Pandagale</i>	<i>Pandagale</i>	<i>Pandagale</i>	<i>Pandagale</i>
3 GAVANDI PALLAVI DILIP	<i>Pavani</i>	<i>Pavani</i>	<i>Pavani</i>	<i>Pavani</i>	<i>Pavani</i>	<i>Pavani</i>	<i>Pavani</i>	<i>Pavani</i>	<i>Pavani</i>	<i>Pavani</i>
4 GHUME DIPAK SHRIKRUSHINA	<i>Bahume</i>	<i>Bahume</i>	<i>Bahume</i>	<i>Bahume</i>	<i>Bahume</i>	<i>Bahume</i>	<i>Bahume</i>	<i>Bahume</i>	<i>Bahume</i>	<i>Bahume</i>
5 KAMBLE HARSHALI VIJAY	H.V.Kamble	H.V.Kamble	H.V.Kamble	H.V.Kamble	H.V.Kamble	H.V.Kamble	H.V.Kamble	H.V.Kamble	H.V.Kamble	H.V.Kamble
6 TAMBE AADITYA MANGESH	A.M.Tambe	A.M.Tambe	A.M.Tambe	A.M.Tambe	A.M.Tambe	A.M.Tambe	A.M.Tambe	A.M.Tambe	A.M.Tambe	A.M.Tambe
7 ZEPALE DHRUYESHA RAMCHANDRA	<i>Dapale</i>	<i>Dapale</i>	<i>Dapale</i>	<i>Dapale</i>	<i>Dapale</i>	<i>Dapale</i>	<i>Dapale</i>	<i>Dapale</i>	<i>Dapale</i>	<i>Dapale</i>
8 BAVDHANE BHUSHAN TUKARAM	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB



*[Signature]*  
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**Certificate Course in Research Methods and Data Analysis**  
**Attendance**  
**Semester VI 2023-24**

Sr. No	Name of the Student	23/04/24	24/04/24	25/04/24	26/04/24	27/04/24		
1	AGARE NIKITA CHANDRAKANT	Agare	Agare	Agare	Agare	Agare		
2	BANDAGALE DIVYA ASHOK	Bandagale	Bandagale	Bandagale	Bandagale	Bandagale		
3	GAVANDI PALLAVI DILIP	Gavandi	Gavandi	Gavandi	Gavandi	Gavandi		
4	GHUME DIPAK SHRIKRUSHNA	Bahame	Bahame	Bahame	Bahame	Bahame		
5	KAMBLE HARSHALI VIJAY	H.V.Kamble	H.V.Kamble	H.V.Kamble	H.V.Kamble	H.V.Kamble		
6	TAMBE AADITYA MANGESH	A.M.Tambe	A.M.Tambe	A.M.Tambe	A.M.Tambe	A.M.Tambe		
7	ZEPALE DHIRUVESHA RAMCHANDRA	Dapale	Dapale	Dapale	Dapale	Dapale		
8	BAVDHANE BHUSHAN TUKARAM	AB	AB	AB	AB	AB		

**Photographs**



Devrukh, Maharashtra, India  
 3J9F+2F4, Ozare Road, Devrukh, Maharashtra 415804, India  
 Lat 17.06767° Long 73.623687°  
 24/04/24 08:40 AM GMT +05:30



*[Handwritten Signature]*  
**Principal**



**GPS Map Camera**  
Devrukh, Maharashtra, India  
3J9F+2F4, Ozare Road, Devrukh, Maharashtra 415804, India  
Lat 17.06782° Long 73.623754°  
18/04/24 09:26 AM GMT +05:30



**GPS Map Camera**  
Devrukh, Maharashtra, India  
3J9F+2F4, Ozare Road, Devrukh, Maharashtra 415804, India  
Lat 17.067891° Long 73.62372°  
23/04/24 09:42 AM GMT +05:30



**GPS Map Camera**  
Devrukh, Maharashtra, India  
3J9F+2F4, Ozare Road, Devrukh, Maharashtra 415804, India  
Lat 17.067808° Long 73.623655°  
19/04/24 09:47 AM GMT +05:30



  
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# Final Exam


Final Exam (Responses) ☆ 📁 ☁

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	A	B	C	D	E
1	Timestamp	Email address	Score	Name of the Student	Exam Seat Number
2	24/04/2024 09:47:53	nikitaagare006@gmail.co	40 / 60	Nikita Chandrakant Agar	201
3	24/04/2024 09:49:39	divyabandagale3@gmail	32 / 60	Divya Ashok bandagale	202
4	24/04/2024 09:50:10	dhruyesha2003@gmail.c	40 / 60	Dhruyesha Zepale	225
5	24/04/2024 09:53:30	tambeaditya2003@gamil	30 / 60	Aditya mangesh tambe	224
6	24/04/2024 09:56:26	gavandipallavi12@gmail.	28 / 60	Pallavi Dilip Gavandi	205
7	24/04/2024 09:56:48	harshalikamble861@gma	40 / 60	Harshali Vijay kamble	213
8	24/04/2024 10:00:06	tambeaditya2003@gmail	28 / 60	Aditya mangesh tambe	224
9					

 Devrukh Shikshan Prasarak Mandal  
**NYA. TATYASAHEB ATHALYE ARTS, VED. S. R. SAPRE COMMERCE AND VID. DADASAHEB PITRE SCIENCE COLLEGE (AUTONOMOUS)**

**FINAL MARK SHEET**  
Certificate Course in Research Methods and Data Analysis (COURSE CODE: UECSK61; No. of Credits: 03)  
 Department of Economics: Academic Year 2023-24  
 TYBA Semester VI

Sr. No.	Name of Students	Seat No.	Internal Tests		Online Final Test Marks (Out of 30)	Project Marks (Out of 40)	Viva Marks (Out of 10)	Total (Out of 100)	Remark (if any)
			Test 01 (10)	Test 02 (10)					
1	AGARE NIKITA CHANDRAKANT	000201	09	08	24	28	8	77	Passed
2	BANDAGALE DIVYA ASHOK	000202	09	08	20	28	8	73	Passed
3	GAVANDI PALLAVI DILIP	000205	08	06	17	26	7	64	Passed
4	GHUME DIPAK SHRIKRUSHNA	000207	07	06	18	25	7	63	Passed
5	KAMBLE HARSHALI VIJAY	000213	08	06	24	24	8	70	Passed
6	TAMBE AADITYA MANGESH	000224	06	05	18	22	6	57	Passed
7	ZEPALE DHRUYESHA RAMCHANDRA	000225	08	07	24	28	8	75	Passed
8	BAVDHANE BHUSHAN TUKARAM	000230	AB	AB	AB	AB	AB	AB	Failed

Tuesday, April 30, 2024

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Course Coordinator

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Head, Department of Economics



  
Principal