

Date: 28/01/2021

To,

Hon. Secretary,

Dnyanasadhana Trust,

Thane

Respected Sir,

**Subject:** Request to grant permission for Certificate Course on “Art of Research Paper Writing”

Sir,

We the Department of Accounting and Finance, Banking and Insurance, Bachelor of Management Studies and M.Com (Advanced Accountancy and Business Management) would like to take permission to conduct an add on / certificate course for the students in the month of May. The course will be for SY and PG students of our institutions and interested faculty members. The course will be as per the guidelines given by IQAC.

Attached herewith the proposal for the course, objectives and duration of the above course.

Request you to kindly permit us to do the course.

Thanking You,

Dr. Shraddha M. Bhome

Vice Principal

Self Finance Courses

## DEPARTMENT OF BAF / BBI / BMS / M.COM

### ORGANISES CERTIFICATE COURSE ON HOW TO WRITE A RESEARCH PAPER?

#### INTRODUCTION:

The course is designed for the students of SYBAF, SYBBI, SYBMS and M.Com in Advanced Accountancy and Business Management course. The course will be useful for the students to develop the knowledge of writing the research paper in various national , international conferences and Avishkar - Inter-University research convention.

#### OBJECTIVES:

1. To create the awareness about the concepts of research.
2. To evaluate the research skills of the learners through practical aspects.
3. To analyse the ability of learners in research.
4. To apply the techniques of research while writing and presenting research paper.

#### DURATION : 30 HOURS

- ✓ 15 HOURS PRACTICAL TRAINING
- ✓ 15 HOURS THEORY

#### CONTENTS AND SCHEDULE:

DAY	TOPIC	RESOURCE PERSON	TIME
1	<ul style="list-style-type: none"><li>- RESEARCH</li><li>- ROLE &amp; IMPORTANCE OF RESEACH</li><li>- JOY OF RESEARCH</li><li>- Practical</li></ul>	MRS. VEENA SHENOY	2 hours + 2 hours
2	<ul style="list-style-type: none"><li>- REVIEW OF LITERATURE</li><li>- OBJECTIVES</li><li>- HYPOTHESIS</li><li>- STATEMENT OF PROBLEM</li><li>- GAP ANALYSIS</li><li>- Practical</li></ul>	DR. MEDHA JOSHI	2.5 hours + 2.5 hours
3	RESEARCH METHODOLOGY <ul style="list-style-type: none"><li>- UNIVERSE</li><li>- SAMPLING</li></ul>		2.5 hours

	<ul style="list-style-type: none"> <li>- METHODS OF DATA COLLECTION</li> <li>- <b>Practical</b></li> </ul>	DR. SWATI DESAI	<p style="text-align: center;">+</p> <p style="text-align: center;"><b>2.5 hours</b></p>
4	<ul style="list-style-type: none"> <li>- QUESTIONNAIRE DESIGNING</li> <li>- BASICS OF DATA COLLECTED THROUGH EXCEL</li> <li>- <b>Practical</b></li> </ul>	DR. SAKHARAM MULEY	<p style="text-align: center;">2 hours</p> <p style="text-align: center;">+</p> <p style="text-align: center;"><b>2 hours</b></p>
5	<p>DATA ANALYSIS AND INTERPRETATION THROUGH EXCEL</p> <ul style="list-style-type: none"> <li>- Z TEST</li> <li>- F TEST</li> <li>- CHI SQUARE TEST</li> <li>- MEAN</li> <li>- RANKING</li> <li>- <b>Practical</b></li> </ul>	DR. SWATI DESAI	<p style="text-align: center;">2 hours</p> <p style="text-align: center;">+</p> <p style="text-align: center;"><b>2 hours</b></p>
6	<p>CITATIONS AND PUBLICATION ETHICS</p> <ul style="list-style-type: none"> <li>- <b>Practical</b></li> </ul>	DR. MEDHA JOSHI	<p style="text-align: center;">2 hours</p> <p style="text-align: center;">+</p> <p style="text-align: center;"><b>2 hours</b></p>
7	<ul style="list-style-type: none"> <li>- FORMAT OF RESEARCH PAPER</li> <li>- PUBLICATION OF RESEARCH PAPER</li> <li>- PRESENTATION SKILLS OF RESEARCH PAPER</li> <li>- <b>Practical</b></li> </ul>	DR. BALJEET KAUR	<p style="text-align: center;">2 hours</p> <p style="text-align: center;">+</p> <p style="text-align: center;"><b>2 hours</b></p>



# DNYANASADHANA, THANE

EST : 1980 (Reg. No. MAH/759/THN)

Off. Eastern Express Highway, Dnyanasadhana Marg, Thane - 400 604. ☎ : 2582 16 15 / 2583 07 22  
Website : www.dnyanasadhanacollege.org. • Email : dnyanasadhanamanagement@gmail.com

FOUNDER TRUSTEE  
& PRESIDENT  
**MR. SATISH S. PRADHAN**  
Mobile : 9322229559

TRUSTEE  
& GENERAL SECRETARY  
**MR. KAMLESH S. PARDHAN**  
Mobile . 9920806232

TRUSTEE  
& TREASURER  
**MR. SATISH G. SHETH**  
Mobile 9323633231

TRUSTEE  
**ADV. ANIL G. PHANSE**  
Mobile 9987723059

TRUSTEE  
**MR. SHRIKANT R. DEOLE**  
Mobile : 9820099600

TRUSTEE  
**MRS. MANASI K. PRADHAN**  
Mobile : 7738148545

TRUSTEE  
**MRS. ASHWINI M. KOTWAL**  
Mobile : 9860611278

**DT/ 297A /2020-21**

**Date: 26.03.2021**

To,  
**Dr. Shraddha Bhome**  
Vice-Principal,  
Self-Finance Courses

**Subject: Sanction of proposed Certificate Course of your  
Departments.**

Madam,

Your proposal dated on 28/01/2021 for the conduct of certificate course entitled as **Art of Research Paper Writing** was placed before CDC held on 17/02/2021. The proposal with syllabi designed was discussed at length and CDC unanimously approves the same. You are hereby instructed to conduct the same in the current academic year.



**SECRETARY**

# Satish Pradhan Dnyanasadhana College, Thane (Arts, Science and Commerce)



Department of Accounting & Finance, Department of Banking & Insurance,  
Department of Management Studies and Department of M. Com is  
organizing

## Certificate Course on Art of Research Paper Writing



## Students Registration

No	Full name of the Candidate	Gender	#N/A
1	RAI AARTI BHUPENDRA	Female	<a href="#">M.COM</a>
2	SINGH PRATIK PRADEEP	Male	<a href="#">M.COM</a>
3	Javkar Chaitanya Pramod	Female	<a href="#">M.COM</a>
4	MHATRE VRUSHALI SANJAY	Female	<a href="#">M.COM</a>
5	Sharma Satish Hareshyama	Male	<a href="#">M.COM</a>
6	GUPTA PINKY SHEDURAM	Female	<a href="#">M.COM</a>
7	Chinmay Prakash Medhi	Male	<a href="#">M.COM</a>
8	Mayur Gajanan Shinde	Male	<a href="#">M.COM</a>
9	Thosar Tanvi Jayant	Female	<a href="#">M.COM</a>
10	Roshani Ashok Prajapati	Female	<a href="#">M.COM</a>
11	GHADGE NILESH YASHWANT	Male	<a href="#">M.COM</a>
12	sawant mayuresh sharad	Male	<a href="#">M.COM</a>
13	Menkudle Deepika Deepak	Female	<a href="#">M.COM</a>
14	Samruddhi Patil	Female	<a href="#">M.COM</a>
15	Shweta prakash Dabhekar	Female	<a href="#">M.COM</a>
16	Trivedi Sakshi Parmod Kumar	Female	<a href="#">M.COM</a>
17	Kori Vaishali Munna	Female	<a href="#">M.COM</a>
18	Chavan Sanjivani suresh	Female	<a href="#">M.COM</a>
19	Hajare Pooja Nana	Female	<a href="#">M.COM</a>
20	Mhapralkar Shweta Kishor	Female	<a href="#">M.COM</a>
21	Muley akansha Tejrao	Female	<a href="#">M.COM</a>
22	Rushikesh Pawar	Male	<a href="#">M.COM</a>
23	Shinde Namita Bharat	Female	<a href="#">M.COM</a>
24	Kadam Unnati Shailendra	Female	<a href="#">M.COM</a>
25	GOTHANKAR SHUBHAM VIJAY	Male	SYBAF
26	SAWANT JUI PRAVIN	Female	SYBAF
27	Neha Raysaheb Yadav	Female	SYBAF
28	Malusare Shruti Vishal	Female	SYBAF
29	Bansode pallavi laxman	Female	SYBAF
30	Ranit Divyashil Raju	Male	SYBAF
31	Raut Kailas Dnyaneshwar	Female	SYBAF
32	ANJALI AJEET MAURYA	Female	SYBAF
33	Gangane rushikesh tukaram	Male	SYBAF
34	Gupta Ankita Bhagwan	Female	SYBAF
35	SALVI CHINMAY PRASHANT	Male	SYBAF
36	Singh Madhu Rajkeshar	Female	SYBAF
37	Shrungare Mrunali Gopal	Female	SYBAF
38	Jambhavdekar Sampada Raviraj	Female	SYBAF
39	Dalvi Jyoti Ganesh	Female	SYBAF
40	Awere Hemangi Pandurang Prabhavati	Female	SYBAF

41	Joshi Amogh Ajay	Male	SYBAF
42	Mallah Kajal Jayprakash	Female	SYBAF
43	Yesaware Vedanti Bhaskar	Female	SYBAF
44	Bhoye Priyanka kashinath	Female	SYBAF
45	Wani Mrunalee Sanjay	Female	SYBAF
46	Harmeet kaur saggu	Female	SYBAF
47	Solanki Gayatri Kamlesh	Female	SYBAF
48	Sawant shreyash Sanjay	Male	SYBAF
49	Yadav Sayali Tejbahadur	Female	SYBAF
50	Walam Prasad Umesh	Male	SYBAF
51	Raikar Aashu Pralhad	Female	SYBAF
52	Manjrekar Ritika Mahendra	Female	SYBAF
53	Khodke Ajay Babasaheb	Male	SYBAF
54	Khade Shubham Subhash	Male	SYBAF
55	Gaurav Suresh Bahilam	Male	SYBAF
56	Jethav Dhawal Vinesh	Male	SYBAF
57	Komarol Sahil Vishwanath	Male	SYBAF
58	Andhale Vinay Bhimraj	Male	SYBAF
59	Ahire Akshada Sanjay	Female	SYBAF
60	Rawade Akshada Balu	Female	SYBAF
61	KADAM KHUSHI DEEPAK	Female	SYBAF
62	Kushwaha sapna Jayshaker	Female	SYBAF
63	Hadpad Asha Shivkumar	Female	SYBAF
64	Salaskar Dhanashree Ramchandra	Female	SYBAF
65	Roshan Subhash das	Male	SYBAF
66	PARKI ABHISHEK SURESH	Male	SYBAF
67	Waghawase Anjali Balaji	Female	SYBAF
68	Muke Sakshi Nilesh	Female	SYBAF
69	Dhumale Monika Lau	Female	SYBAF
70	Barge Rasika Sambhaji	Female	SYBAF
71	Diksha Subhash Warise	Female	SYBAF
72	Davande Dakshata Prakash	Female	SYBAF
73	Khatate Tanmayi Satish	Female	SYBAF
74	Nidhi Milind Jadhav	Female	SYBAF
75	Waghmare Anjali Bhagawan	Female	SYBAF
76	Shinde Jay Ramchandra	Male	SYBAF
77	NIVANGUNE NIRAJ DNYANESHWAR	Male	SYBAF
78	Kshirsagar Swati Ramesh	Female	SYBAF
79	Kadav Pooja Sanjay	Female	SYBAF
80	Katalkar Neha Anant	Female	SYBAF
81	Abhishek Deepak Dhanawade	Male	SYBAF
82	Gunjal Shruti Sandip	Female	SYBAF
83	Waghule Vinita Vasant	Female	SYBAF
84	SUMIT SACHI PANJA	Male	SYBAF

85	Kedar Shakambari Pundlik	Female	SYBAF
86	Khandare Sachin sushmita	Female	SYBAF
87	Patankar Samiksha Sandeep	Female	SYBAF
88	Mhaske Eknath Snehal	Female	SYBAF
89	Jaiswal Saumya Kamlesh	Female	SYBAF
90	ASHA AMAR KATKAR	Female	SYBAF
91	Yogesh Dattatray Gaikwad	Male	SYBAF
92	Vishwakarma Jayantilal Dinesh	Male	SYBAF
93	Ram B. Choudhary	Male	SYBAF
94	Dait vaibhavi Vijay	Female	SYBAF
95	Amberkar Hardik Rajendra	Male	SYBAF
96	Jaiswar Prerana Ramesh	Female	SYBAF
97	Akanksha Pramod Narvekar	Female	SYBBI
98	KAMBLI GAURI NANDKISHOR	Female	SYBBI
99	Kadlag Prachi Ramesh	Female	SYBBI
100	Kamble Unnati Nandy	Female	SYBBI
101	Pandagale Pradnaya Sudarshan	Female	SYBBI
102	Dhole Praful Sanjay	Male	SYBBI
103	Ansari shakinakhatun shamstabrez	Female	SYBBI
104	Singh Neelima Dilbahadur	Female	SYBBI
105	Solanki tejas kalidas	Female	SYBBI
106	Ingle Piyush Rameshkumar	Male	SYBBI
107	More Ashmali Ramesh	Female	SYBBI
108	Menga Divya Prabhudas	Female	SYBBI
109	KAMBLE SHITAL DNYANENDRA	Female	SYBBI
110	NATEKAR PRATIKA MILIND	Female	SYBBI
111	Kemase Ganesh Nivrutti	Male	SYBBI
112	Dubale Harshada Vishwanath	Female	SYBBI
113	Siddhi parkar	Female	SYBBI
114	Chauhan Pallavi Rajesh	Female	SYBBI
115	Prajapati shobha gulab	Female	SYBBI
116	Prathamesh Ananta Katkar	Male	SYBBI
117	Solanki tejas kalidas	Female	SYBBI
118	Harsh Rajendra giri	Male	SYBBI
119	SHEJWAL NISHA RAJU	Female	SYBBI
120	Kadam Akshata Anant	Female	SYBBI
121	Mustak Shaikh	Male	SYBBI
122	Hadave Sukesha Subhash	Female	SYBBI
123	Darekar Akansha Vinayak	Female	SYBBI
124	Nishant Nitin Kadam	Male	SYBBI
125	Hema parikshit vyas	Female	SYBBI
126	Ghag Sakshi Ganesh	Female	SYBBI
127	Yadav Priti Tilakdhari	Female	SYBBI
128	Sagar Suraj Tawde	Male	SYBBI



129	Awale Pranali Amarnath	Female	SYBBI
130	Egade vilas Aarti	Female	SYBBI
131	YADAV KAVITA RAMASHANKAR	Female	SYBBI
132	Antima Ramjas yadav	Female	SYBBI
133	Bhagat Siddheshwar Deepak	Male	SYBBI
134	Amberkar sayali Ramesh	Female	SYBBI
135	Priyanka saroj	Female	SYBBI
136	SAWANT PRADNESH ANIL	Male	SYBMS
137	THAKARE MEGHA ANANT	Female	SYBMS
138	Mandavkar Manthan Arun	Male	SYBMS
139	Ghavale Kshitij Anand	Male	SYBMS
140	Dedhia Akshay Vinod	Male	SYBMS
141	Gavankar bhakti vishwas	Female	SYBMS
142	Mishra sonam shivanand	Female	SYBMS
143	Tiwari shubhangi Rajesh	Female	SYBMS
144	AISHWARYA SHARADCHANDRA KALE	Female	SYBMS
145	Gosavi Asmita Dinkar	Female	SYBMS
146	Ekta Yogendra rajoriya	Female	SYBMS
147	MURKAR YUKTA RITESH RAJASI	Female	SYBMS
148	Korlekar Vighnesh Vasant	Male	SYBMS
149	Siddharth sandesh khedekar	Male	SYBMS
150	Jadhav Amit Laxman	Male	SYBMS
151	Shraddha Vithal Jagdankar	Female	SYBMS
152	Dhakolia Abhishek Mahesh	Male	SYBMS
153	Dali Rucha Deepak	Female	SYBMS
154	PARAB LALIT VILAS	Male	SYBMS
155	RAVINDRA ARUN PEJALE	Male	SYBMS
156	Pawar Manasi Mangesh	Female	SYBMS
157	Dait prachi Bhaskar	Female	SYBMS
158	Kumbhar Shubham Satish	Male	SYBMS
159	Gangan Deepak Uttam	Male	SYBMS
160	Bhosale Shubham Sharad	Male	SYBMS
161	Lahane pratiksha Kishor	Female	SYBMS
162	Vangale Neha Vijay	Female	SYBMS
163	Sonavale Samrudhi Anil	Female	SYBMS
164	Metkar Sujay Sandeep	Male	SYBMS
165	Parab Gayatri Mahendra.	Female	SYBMS
166	Choughule Omkar Babaji	Male	SYBMS
167	Shirsath Tejaswini Shyamkant	Female	SYBMS
168	Bharati Kaushal Sanjay	Male	SYBMS
169	Tathe pratik prashant	Male	SYBMS
170	Dangat Atharva Pramod	Male	SYBMS
171	KONDE TUSHAR SHASHIKANT	Male	SYBMS
172	Bhabal Omkar Chandrashekhar	Male	SYBMS

173	Berde Rohit Sudhakar	Male	SYBMS
174	Kadam Arpita Anil	Female	SYBMS
175	SHINGE DIVESH VISHWAS	Male	SYBMS
176	Guthula Sagar Ramchandrarao	Male	SYBMS
177	Sathe Sakshi Naresh	Female	SYBMS
178	Kunal Dilip Gouri	Male	SYBMS
179	TIBILE CHETANA JOTIBA	Female	SYBMS
180	Vaishnavi Milind Tambat	Female	SYBMS
181	Dethe Dhiraj Vilas	Male	SYBMS
182	Devpriyo Nirmal laksar	Male	SYBMS
183	Sawant Rahul Chetan	Male	SYBMS
184	Aditi vijay dalvi +91	Female	SYBMS
185	Choudhary Durga Dhalaram	Female	SYBMS
186	More dipesh Laxman	Male	SYBMS
187	WAGHMARE YASHWANT SHEKHAR	Male	SYBMS
188	KHUDE ROHIT SANTOSH	Male	SYBMS
189	Bhandare Dakshta Vijay	Female	SYBMS
190	JADHAV PRATI KSHA SUNIL	Female	SYBMS
191	Gaikar Sakshi Sakharam	Female	SYBMS
192	Singh ankit Rakesh	Male	SYBMS
193	Koli Neha Sunil	Female	SYBMS
194	Malwade Vinay Jitendra	Male	SYBMS
195	Shivam Shrikant Dubey	Male	SYBMS
196	Kamble Mayur Raising	Male	SYBMS
197	Siddhi Modak	Female	SYBMS
198	Devnath Mayuri Mohan	Female	SYBMS
199	Auti akanksha rajaram	Female	SYBMS
200	Malge shraddha babu	Female	SYBMS
201	Kainkar Pritee Vinod	Female	SYBMS
202	Shivraj Pawar	Male	SYBMS
203	Gambhe Tejas ravindra	Male	SYBMS
204	Shinde Varun Prakash	Male	SYBMS
205	Yadav Pooja Sukhlal	Female	<a href="#">M.COM</a>
206	Guthula Kavya balakrishan	Female	SYBBI
207	Pratik mobile	Male	SYBBI
208	Bhoir shreyash Shashikant	Male	SYBBI
209	Sakpal Yash Maruti	Male	SYBBI
210	More Ashmali Ramesh	Female	SYBBI
211	Sabat Lipsa Narayan	Female	SYBBI
212	More Ruchita Vilas	Female	SYBBI
213	Kalambe Sejal Shashikant	Female	SYBBI
214	Shabajkar Jagruti Mangesh	Female	SYBBI
215	Nayan hariram kahar	Male	SYBMS
216	Sable Rohit Anand	Male	SYBBI

217	Parkhe Sakshi Balasaheb	Female	SYBBI
218	Shaikh Shahinoor Sattar	Female	SYBBI
219	Ullagar Reshma Ramchandra	Female	SYBBI
220	Sawant Aarti Deepak	Female	SYBBI
221	Wankhede Priti Bhimrao	Female	SYBBI
222	Rite Divya Sundar	Female	SYBBI
223	Konar aarti subayakumar	Female	SYBBI
224	Bhostekar Deep Yashwant	Male	SYBBI
225	Pagare Ramesh bhushan	Male	SYBBI
226	KOLAGE SURAJ MADHUKAR	Male	SYBBI
227	Janai namdev salve	Female	SYBBI
228	TANDEL ANIKET SURESH	Male	SYBBI
229	Gaurav bhaskar Rembulkar	Male	SYBAF
230	Bhalerao Isha Rajaram	Female	SYBAF
231	YEWALE ATUL LAXMAN	Male	SYBMS
232	Gawhankar Soham Vijay	Male	SYBAF
233	Sarkar rinku dilip	Female	SYBBI
234	Ruchita Yashwant Bare	Female	SYBMS
235	Sayali Hanumant Nikam	Female	<a href="#">M.COM</a>
236	Halde Mayuri Sunil	Female	<a href="#">M.COM</a>
237	Arpan Anant Ranpise	Male	SYBMS
238	Mistry Pankaj Rajendra	Male	SYBMS
239	Mansi Tanaji Shelke	Female	<a href="#">M.COM</a>
240	Rane Vedika Mangesh	Female	<a href="#">M.COM</a>
241	Dhadve Punvesh Balkrishna	Male	<a href="#">M.COM</a>
242	MANE SUSHANT SANJAY	Male	<a href="#">M.COM</a>
243	Singh Shelly Ashok Kumar	Female	SYBMS
244	Rutuja Vasant Jadhav	Female	SYBMS
245	Kamble Nimish Vijay	Male	SYBMS
246	Kadam Rohit Ratnakar	Male	SYBMS
247	Kadam Sahil Kailash	Male	SYBMS
248	Panchal Yash Sudesh	Male	SYBMS
249	Rohokale shivaji sakshi	Female	SYBBI
250	Naik bhavika sanjay	Female	SYBMS
251	Iathe suresh vikky	Male	SYBBI
252	Nikam Ankita Mahesh	Female	SYBBI
253	Bhoir Srushti Vilas	Female	SYBMS
254	Dawkhar Dakshata Suresh	Female	SYBMS
255	Bhoir Shrutika Ravindra	Female	SYBBI
256	PADWAL ABHISHEK VIKAS	Male	<a href="#">M.COM</a>
257	TRIVEDI SAKSHI PARMOD KUMAR	Female	<a href="#">M.COM</a>
258	Kuvalekar Suraj Ravindra	Male	<a href="#">M.COM</a>
259	Yadav Ritika Mahendra	Female	SYBBI
260	Mishra Prachi Satish	Female	SYBBI

261	Malge Deva babu	Male	SYBBI
262	PATIL SUSHNAT RAJENDRA	Male	SYBMS

Mobile Number
9594212923
8356091957
8010429665
8828186128
8097190140
09867489844
9004484463
9967009709
7303239696
8108326862
8454832298
9702933561
7900147015
9699158886
8104222240
07021653509
9892345979
9619580902
8779476505
7715905652
8850479940
8097529762
8689813044
9594595111
8652029449
9518504298
8779606330
9767146820
7977073563
9867969341
9021472900
9702030914
9702247686
7718979043
9892782438
8652668356
7039291093
9082625230
9372435152
8983319671

9819649681
8291353137
9702700768
8355831226
7021837011
09137282761
9082803868
7887914505
8291565424
9082131851
8286667404
9619421715
9326450272
8010872637
7506980477
9987335909
8779167681
9892843498
9004008513
9702921239
7718083884
9619880138
9699638860
7039951935
7710996593
9082296939
9987942480
8652773012
9867018139
9867980174
8108965360
9324033602
8291082755
8657853212
8433622028
9076498161
9702293324
9867946315
9167942605
8291035443
9167789985
7304698166
9082064608
8149928948

8975024806
9167516248
7715022490
9326640735
7678051968
8291446585
9326447453
9768088721
7021695519
9967256199
7756057252
9372456671
9326061901
9987604042
9833351410
8668418915
8433540722
9930788079
9082528362
8369410119
9082308091
8286413655
8652002132
9967400078
8355849292
9082519812
9702269879
7208411780
9136769176
6306263598
9619256051
09137292296
9082308091
8451943940
8108708952
8828480992
9167771466
9970081274
9867022405
8850214686
8169183073
9082234131
8291391018
9867051416

7506181570
9324101076
9324751704
9892839082
8104434428
7304885320
9082876486
8652160571
9082525164
7400225176
8928362381
+919967928510
9769738749
9653495297
9167986753
8422995302
73040 88823
8655646149
9082639160
8355824699
9833587319
9920901341
9022889393
8879490906
9082261651
9987212098
8433785704
7972739044
9326075553
9619249472
9324202473
7977076105
9820917967
7738565299
9067911681
09076305092
8898732746
7506657827
9324124462
9518764194
08879872002
9082146831
9987609727
9082124842



9321786736
7400236836
9930101837
9769986940
9324116560
07304885448
8879190491
9082239395
8850012056
7709880974
9769856925
09594169316
9082524167
7447720500
9326194336
9137241546
8433762663
7420867325
8828580166
7304315223
8600748039
9158197655
7991566208
8828358640
09987085169
9321900075
9324399979
9136392144
7506950575
916 730 5927
8433848350
9867900699
9820833159
8433615764
08268038858
9326115511
9594692551
8652002132
8779107516
7710831740
7738854025
8422051873
9867043668
7506880999

9892478029
9372808662
9321284943
9167053445
9324474749
9769642314
8652048862
9076268473
8454916239
08689936026
8355862665
8108396210
7738344485
9082431566
9594775908
9867218959
9082873035
9767563115
9967866697
9987391672
7744046495
9987500225
9768625613
9137756245
7506065185
9867442006
9759915015
8412084873
9819140476
9076025285
9892864723
9004174567
8600773918
8591214363
9324287200
9833899976
9822722932
8169205473
7021766490
8454904648
7021653509
8828145003
9579906837
7666896401

9082928275
------------

8425853966
------------

## Day 1 Attendance

No	Full Name	User Action	Timestamp
1	Siddhi Patil	Joined	5/17/2021, 10:42:36 AM
2	Sarika Sagar	Joined before	5/17/2021, 10:42:36 AM
3	Prof. Veena Shenoy (Guest)	Joined before	5/17/2021, 10:42:36 AM
4	Rohan Khude (Guest)	Joined	5/17/2021, 10:46:07 AM
5	Rohan Khude (Guest)	Left	5/17/2021, 10:46:18 AM
6	Sachin Puranik	Joined	5/17/2021, 10:47:28 AM
7	Ashmali More (Guest)	Joined	5/17/2021, 10:51:59 AM
8	shweta dabhekar (Guest)	Joined	5/17/2021, 10:52:52 AM
9	Afreen Eksambi	Joined	5/17/2021, 10:53:19 AM
10	Shital Kamble (15635)	Joined	5/17/2021, 10:53:30 AM
11	Shraddha Bhome	Joined	5/17/2021, 10:53:36 AM
12	Shraddha Bhome	Left	5/17/2021, 11:33:30 AM
13	Shraddha Bhome	Joined	5/17/2021, 11:39:37 AM
14	Praful Dhole (Guest)	Joined	5/17/2021, 10:53:58 AM
15	Varsha More	Joined	5/17/2021, 10:54:18 AM
16	Varsha More	Left	5/17/2021, 11:00:36 AM
17	Varsha More	Joined	5/17/2021, 11:04:24 AM
18	Sneha Thakkar	Joined	5/17/2021, 10:54:29 AM
19	Sneha Thakkar	Left	5/17/2021, 10:57:11 AM
20	Sneha Thakkar	Joined	5/17/2021, 10:58:15 AM
21	Divya Menga(8844) (Guest)	Joined	5/17/2021, 10:54:37 AM
22	Divya Menga(8844) (Guest)	Left	5/17/2021, 11:51:18 AM
23	Divya Menga(8844) (Guest)	Joined	5/17/2021, 11:51:26 AM
24	SIDDHARTH KHEDEKAR (Guest)	Joined	5/17/2021, 10:55:06 AM
25	Reshma yadav (Guest)	Joined	5/17/2021, 10:55:06 AM
26	Reshma yadav (Guest)	Left	5/17/2021, 10:58:43 AM
27	prachi kadlag (Guest)	Joined	5/17/2021, 10:55:38 AM
28	Jitesh chavan (15319) (Guest)	Joined	5/17/2021, 10:55:38 AM
29	Jitesh chavan (15319) (Guest)	Left	5/17/2021, 11:18:26 AM
30	Antima Yadav (15664)	Joined	5/17/2021, 10:55:39 AM
31	pranali awale (Guest)	Joined	5/17/2021, 10:56:05 AM
32	Durga choudhary (Guest)	Joined	5/17/2021, 10:56:22 AM
33	Siddheshwar Bhagat (9073)	Joined	5/17/2021, 10:56:40 AM
34	Akanksha darekar (Guest)	Joined	5/17/2021, 10:56:44 AM
35	Akanksha darekar (Guest)	Left	5/17/2021, 11:42:38 AM
36	Ganesh Kemase (Guest)	Joined	5/17/2021, 10:56:44 AM
37	Ganesh Kemase (Guest)	Left	5/17/2021, 11:09:08 AM
38	Mayur Kamble (15394)	Joined	5/17/2021, 10:56:49 AM
39	Mayur Kamble (15394)	Left	5/17/2021, 10:58:54 AM
40	Mayur Kamble (15394)	Joined	5/17/2021, 10:59:52 AM
41	siddhi parkar (Guest)	Joined	5/17/2021, 10:56:53 AM
42	pallavi chauhan(15954) (Guest)	Joined	5/17/2021, 10:57:08 AM
43	Sakshi Rohokale (Guest)	Joined	5/17/2021, 10:57:21 AM
44	Sejal kalambe (Guest)	Joined	5/17/2021, 10:57:39 AM

45	Sejal kalambe (Guest)	Left	5/17/2021, 11:16:38 AM
46	Manthan Mandavkar (15688)	Joined	5/17/2021, 10:58:17 AM
47	Atharva Dangat (16312)	Joined	5/17/2021, 10:58:18 AM
48	Chetana Tibile (8569)	Joined	5/17/2021, 10:58:23 AM
49	Pradnya Tiwad	Joined	5/17/2021, 10:58:28 AM
50	Vinay Malwade (15375)	Joined	5/17/2021, 10:58:36 AM
51	Madhu singh (Guest)	Joined	5/17/2021, 10:58:38 AM
52	Mayur Shinde (Guest)	Joined	5/17/2021, 10:58:40 AM
53	unnati kamble (Guest)	Joined	5/17/2021, 10:58:46 AM
54	Vighnesh Korlekar (15616)	Joined	5/17/2021, 10:58:48 AM
55	Shubham Kumbhar (9155)	Joined	5/17/2021, 10:58:52 AM
56	Asmita Gosavi (Guest)	Joined	5/17/2021, 10:58:52 AM
57	Asmita Gosavi (Guest)	Left	5/17/2021, 11:35:02 AM
58	Pooja Kadav (15963)	Joined	5/17/2021, 10:58:59 AM
59	Pooja Kadav (15963)	Left	5/17/2021, 11:54:02 AM
60	Jui sawant (Guest)	Joined	5/17/2021, 10:59:02 AM
61	Anjali Waghmare (Guest)	Joined	5/17/2021, 10:59:05 AM
62	Rohit Berde (10563)	Joined	5/17/2021, 10:59:07 AM
63	Vaishnavi Tambat (Guest)	Joined	5/17/2021, 10:59:10 AM
64	Pravin Tiwad	Joined	5/17/2021, 10:59:12 AM
65	Neelima Singh (15533)	Joined	5/17/2021, 10:59:12 AM
66	Anjali Maurya (Guest)	Joined	5/17/2021, 10:59:13 AM
67	jay vishwakarma (Guest)	Joined	5/17/2021, 10:59:14 AM
68	Roshan das (Guest)	Joined	5/17/2021, 10:59:18 AM
69	Roshan das (Guest)	Left	5/17/2021, 11:02:33 AM
70	Manasi Pawar (Guest)	Joined	5/17/2021, 10:59:26 AM
71	bhavika naik (Guest)	Joined	5/17/2021, 10:59:28 AM
72	bhavika naik (Guest)	Left	5/17/2021, 11:34:19 AM
73	Harmeet kaur saggu (Guest)	Joined	5/17/2021, 10:59:37 AM
74	YUKTA MURKAR (Guest)	Joined	5/17/2021, 11:00:03 AM
75	YUKTA MURKAR (Guest)	Left	5/17/2021, 11:28:22 AM
76	Rutuja Jadhav (Guest)	Joined	5/17/2021, 11:00:07 AM
77	Arpita Kadam (9358)	Joined	5/17/2021, 11:00:07 AM
78	Arpita Kadam (9358)	Left	5/17/2021, 11:42:39 AM
79	Arpita Kadam (9358)	Joined	5/17/2021, 11:44:50 AM
80	Shivam Shrikant Dubey (Guest)	Joined	5/17/2021, 11:00:29 AM
81	pallavi bansode(15451) (Guest)	Joined	5/17/2021, 11:00:29 AM
82	Dhawal Jethva (Guest)	Joined	5/17/2021, 11:00:34 AM
83	harshada dubale (Guest)	Joined	5/17/2021, 11:00:36 AM
84	Srushti Gaikwad (15512)	Joined	5/17/2021, 11:00:49 AM
85	Ekta rajoriya (Guest)	Joined	5/17/2021, 11:01:02 AM
86	Ekta rajoriya (Guest)	Left	5/17/2021, 11:38:39 AM
87	Saumya Jaiswal (15297)	Joined	5/17/2021, 11:01:03 AM
88	Saumya Jaiswal (15297)	Left	5/17/2021, 11:55:54 AM
89	Lalit parab(10555) (Guest)	Joined	5/17/2021, 11:01:05 AM
90	Amogh Joshi (8323)	Joined	5/17/2021, 11:01:06 AM
91	Akshay Dedhia (17647)	Joined	5/17/2021, 11:01:12 AM
92	Shruti Malusare (15327)	Joined	5/17/2021, 11:01:17 AM

93	Samiksha Patankar (8686)	Joined	5/17/2021, 11:01:18 AM
94	Samiksha Patankar (8686)	Left	5/17/2021, 11:18:01 AM
95	Samiksha Patankar (8686)	Joined	5/17/2021, 11:21:35 AM
96	Samiksha Patankar (8686)	Left	5/17/2021, 11:36:01 AM
97	Samiksha Patankar (8686)	Joined	5/17/2021, 11:49:40 AM
98	Sakshi Shinde (10912)	Joined	5/17/2021, 11:01:19 AM
99	Sakshi Shinde (10912)	Left	5/17/2021, 11:19:48 AM
100	Sakshi Shinde (10912)	Joined	5/17/2021, 11:19:52 AM
101	Pratiksha Lahane (15359)	Joined	5/17/2021, 11:01:22 AM
102	Pratiksha Lahane (15359)	Left	5/17/2021, 11:01:39 AM
103	Pratiksha Lahane (15359)	Joined	5/17/2021, 11:02:13 AM
104	Pratiksha Lahane (15359)	Left	5/17/2021, 11:03:18 AM
105	Pratiksha Lahane (15359)	Joined	5/17/2021, 11:07:24 AM
106	Jyoti Dalvi (Guest)	Joined	5/17/2021, 11:01:24 AM
107	Chinmay Salvi (16056)	Joined	5/17/2021, 11:01:25 AM
108	Chinmay Salvi (16056)	Left	5/17/2021, 11:55:33 AM
109	Sanjivani Chavan (Guest)	Joined	5/17/2021, 11:01:27 AM
110	Sanjivani Chavan (Guest)	Left	5/17/2021, 11:10:54 AM
111	Omkar Choughule (10698)	Joined	5/17/2021, 11:01:34 AM
112	Omkar Choughule (10698)	Left	5/17/2021, 11:44:34 AM
113	Omkar Choughule (10698)	Joined	5/17/2021, 11:44:37 AM
114	akanksha (Guest)	Joined	5/17/2021, 11:01:38 AM
115	Sonam Mishra (15732)	Joined	5/17/2021, 11:01:43 AM
116	Sakshi Muke (15746)	Joined	5/17/2021, 11:01:51 AM
117	Sakshi Muke (15746)	Left	5/17/2021, 11:08:01 AM
118	Sakshi Muke (15746)	Joined	5/17/2021, 11:08:02 AM
119	Sakshi Muke (15746)	Left	5/17/2021, 11:18:42 AM
120	Sakshi Muke (15746)	Joined	5/17/2021, 11:19:13 AM
121	Pinky G (Guest)	Joined	5/17/2021, 11:01:53 AM
122	Sushant rajendra patil (Guest)	Joined	5/17/2021, 11:01:54 AM
123	Mayuri Devnath (9082)	Joined	5/17/2021, 11:01:54 AM
124	Ashwini Dolas (15749)	Joined	5/17/2021, 11:01:57 AM
125	ruchita bare (Guest)	Joined	5/17/2021, 11:01:59 AM
126	Sakshi Gaikar (9996)	Joined	5/17/2021, 11:02:02 AM
127	Sakshi Gaikar (9996)	Left	5/17/2021, 11:41:02 AM
128	Sakshi Gaikar (9996)	Joined	5/17/2021, 11:55:24 AM
129	Nimish Kamble (10615)	Joined	5/17/2021, 11:02:04 AM
130	Prachi Dait (Guest)	Joined	5/17/2021, 11:02:07 AM
131	Prachi Dait (Guest)	Left	5/17/2021, 11:04:21 AM
132	Diksha Warise (Guest)	Joined	5/17/2021, 11:02:19 AM
133	Ragaram Chaudhary (10820)	Joined	5/17/2021, 11:02:26 AM
134	Amit Jadhav (9446)	Joined	5/17/2021, 11:02:27 AM
135	Asha Katkar (Guest)	Joined	5/17/2021, 11:02:34 AM
136	Pankaj Mistry (9537)	Joined	5/17/2021, 11:02:35 AM
137	Pankaj Mistry (9537)	Left	5/17/2021, 11:16:40 AM
138	Pankaj Mistry (9537)	Joined	5/17/2021, 11:17:17 AM
139	Rasika barge (10104) (Guest)	Joined	5/17/2021, 11:02:40 AM
140	Rasika barge (10104) (Guest)	Left	5/17/2021, 11:21:50 AM

141	Rasika barge (10104) (Guest)	Joined	5/17/2021, 11:22:01 AM
142	Rasika barge (10104) (Guest)	Left	5/17/2021, 11:28:08 AM
143	Rasika barge (10104) (Guest)	Joined	5/17/2021, 11:28:19 AM
144	Rasika barge (10104) (Guest)	Left	5/17/2021, 11:36:01 AM
145	Rasika barge (10104) (Guest)	Joined	5/17/2021, 11:36:13 AM
146	Bhakti Gavankar (15620)	Joined	5/17/2021, 11:02:55 AM
147	Roshan das (Guest)	Joined	5/17/2021, 11:03:08 AM
148	Ravindra Pejale (15783)	Joined	5/17/2021, 11:03:14 AM
149	Sakshi Sathe (Guest)	Joined	5/17/2021, 11:03:18 AM
150	Aishwarya Kale (8837)	Joined	5/17/2021, 11:03:18 AM
151	Aishwarya Kale (8837)	Left	5/17/2021, 11:10:36 AM
152	Aishwarya Kale (8837)	Joined	5/17/2021, 11:14:11 AM
153	Nayan Kahar (15959)	Joined	5/17/2021, 11:03:21 AM
154	Dakshata Bhandare (10451)	Joined	5/17/2021, 11:03:31 AM
155	_Divyashil Ranit (Guest)	Joined	5/17/2021, 11:03:47 AM
156	_Divyashil Ranit (Guest)	Left	5/17/2021, 11:20:27 AM
157	Nidhi Jadhav (10624)	Joined	5/17/2021, 11:04:25 AM
158	Nidhi Jadhav (10624)	Left	5/17/2021, 11:29:07 AM
159	Nidhi Jadhav (10624)	Joined	5/17/2021, 11:29:56 AM
160	Tushar konde (Guest)	Joined	5/17/2021, 11:04:50 AM
161	Prachi Dait (Guest)	Joined	5/17/2021, 11:04:55 AM
162	Prachi Dait (Guest)	Left	5/17/2021, 11:16:18 AM
163	Rajesh Valeja	Joined	5/17/2021, 11:04:58 AM
164	Anita Dakshina	Joined	5/17/2021, 11:05:19 AM
165	Anita Dakshina	Left	5/17/2021, 11:37:39 AM
166	Kaushal Bharati (Guest)	Joined	5/17/2021, 11:05:39 AM
167	Dakshata Dawkhar (4650)	Joined	5/17/2021, 11:05:39 AM
168	Shweta (Guest)	Joined	5/17/2021, 11:05:45 AM
169	Shweta (Guest)	Left	5/17/2021, 11:09:01 AM
170	Vinita waghule (Guest)	Joined	5/17/2021, 11:05:48 AM
171	Mrunali Shrungare (10579)	Joined	5/17/2021, 11:05:53 AM
172	Mrunali Shrungare (10579)	Left	5/17/2021, 11:21:37 AM
173	Mrunali Shrungare (10579)	Joined	5/17/2021, 11:22:55 AM
174	Mrunali Shrungare (10579)	Left	5/17/2021, 11:45:48 AM
175	Mrunali Shrungare (10579)	Joined	5/17/2021, 11:51:15 AM
176	Deepak Gangan (15543)	Joined	5/17/2021, 11:05:55 AM
177	Jay Shinde (Guest (Guest))	Joined	5/17/2021, 11:06:00 AM
178	Rinku sarkar (Guest)	Joined	5/17/2021, 11:06:25 AM
179	Gauri Kambli (15889)	Joined	5/17/2021, 11:06:31 AM
180	Prashant Bane	Joined	5/17/2021, 11:06:50 AM
181	Sampada Jambhavdekar (15454)	Joined	5/17/2021, 11:06:51 AM
182	Snehal Mhaske (9284)	Joined	5/17/2021, 11:07:16 AM
183	Snehal Mhaske (9284)	Left	5/17/2021, 11:38:07 AM
184	Prerana Jaiswar (9990)	Joined	5/17/2021, 11:07:17 AM
185	Deepti Bongulwar	Joined	5/17/2021, 11:07:21 AM
186	Deep Bhostekar (15313)	Joined	5/17/2021, 11:07:34 AM
187	Deep Bhostekar (15313)	Left	5/17/2021, 11:09:50 AM
188	Deep Bhostekar (15313)	Joined	5/17/2021, 11:13:26 AM

189	Deep Bhostekar (15313)	Left	5/17/2021, 11:17:33 AM
190	Deep Bhostekar (15313)	Joined	5/17/2021, 11:55:15 AM
191	Deep Bhostekar (15313)	Left	5/17/2021, 11:57:07 AM
192	Kavya Guthula (Guest)	Joined	5/17/2021, 11:07:48 AM
193	Aarti Sawant (Guest)	Joined	5/17/2021, 11:08:21 AM
194	Aarti Sawant (Guest)	Left	5/17/2021, 11:44:40 AM
195	Shraddha Jagdankar (8742)	Joined	5/17/2021, 11:08:45 AM
196	Swati Kshirsagar (Guest)	Joined	5/17/2021, 11:08:49 AM
197	Swati Kshirsagar (Guest)	Left	5/17/2021, 11:57:08 AM
198	Manoj Wagh	Joined	5/17/2021, 11:09:03 AM
199	Manoj Wagh	Left	5/17/2021, 11:17:53 AM
200	Manoj Wagh	Joined	5/17/2021, 11:20:29 AM
201	Manoj Wagh	Left	5/17/2021, 11:51:40 AM
202	Abhishek Dhakolia (10363)	Joined	5/17/2021, 11:09:27 AM
203	Rohit Kadam (15913)	Joined	5/17/2021, 11:09:41 AM
204	Sakshi parkhe (Guest)	Joined	5/17/2021, 11:09:56 AM
205	Sakshi parkhe (Guest)	Left	5/17/2021, 11:16:49 AM
206	Khushi kadam (Guest)	Joined	5/17/2021, 11:10:15 AM
207	Khushi kadam (Guest)	Left	5/17/2021, 11:13:23 AM
208	Minal Durgawale	Joined	5/17/2021, 11:10:18 AM
209	Minal Durgawale	Left	5/17/2021, 11:14:28 AM
210	Rohan Khude (Guest)	Joined	5/17/2021, 11:11:04 AM
211	Rohan Khude (Guest)	Left	5/17/2021, 11:35:42 AM
212	Sanjivani Chavan (Guest)	Joined	5/17/2021, 11:11:06 AM
213	Nilesh (Guest)	Joined	5/17/2021, 11:11:14 AM
214	varun Shinde (Guest)	Joined	5/17/2021, 11:11:40 AM
215	Mohan Manmode	Joined	5/17/2021, 11:13:56 AM
216	Neha Katalkar (9145) (Guest)	Joined	5/17/2021, 11:14:40 AM
217	Sahil Kadam (15599)	Joined	5/17/2021, 11:15:29 AM
218	Sahil Kadam (15599)	Left	5/17/2021, 11:16:31 AM
219	Sahil Kadam (15599)	Joined	5/17/2021, 11:28:32 AM
220	Tanmayi Khatate (8792)	Joined	5/17/2021, 11:16:16 AM
221	shhbhangi tiwari (Guest)	Joined	5/17/2021, 11:16:38 AM
222	shhbhangi tiwari (Guest)	Left	5/17/2021, 11:19:05 AM
223	Shweta (Guest)	Joined	5/17/2021, 11:16:57 AM
224	Shweta (Guest)	Left	5/17/2021, 11:39:17 AM
225	Shrutika Bhoir (15701)	Joined	5/17/2021, 11:17:02 AM
226	Dhanashree Salaskar (Guest)	Joined	5/17/2021, 11:17:15 AM
227	Dhanashree Salaskar (Guest)	Left	5/17/2021, 11:34:33 AM
228	Dhanashree Salaskar (Guest)	Joined	5/17/2021, 11:34:36 AM
229	Dhanashree Salaskar (Guest)	Left	5/17/2021, 11:38:16 AM
230	Jitesh chavan (15319) (Guest)	Joined	5/17/2021, 11:19:20 AM
231	Vedanti Yesaware (10310)	Joined	5/17/2021, 11:19:54 AM
232	Ganesh Kemase (Guest)	Joined	5/17/2021, 11:20:23 AM
233	Ganesh Kemase (Guest)	Left	5/17/2021, 11:23:29 AM
234	Nilima Talekar	Joined	5/17/2021, 11:20:27 AM
235	shhbhangi tiwari (Guest)	Joined	5/17/2021, 11:25:55 AM
236	shhbhangi tiwari (Guest)	Left	5/17/2021, 11:39:07 AM



237	shhbhangi tiwari (Guest)	Joined	5/17/2021, 11:42:28 AM
238	shhbhangi tiwari (Guest)	Left	5/17/2021, 11:50:54 AM
239	sakshi (Guest)	Joined	5/17/2021, 11:26:40 AM
240	sakshi (Guest)	Left	5/17/2021, 11:33:57 AM
241	Pratiksha Natekar (15277)	Joined	5/17/2021, 11:26:44 AM
242	Pratiksha Natekar (15277)	Left	5/17/2021, 11:37:20 AM
243	Ganesh Kemase (Guest)	Joined	5/17/2021, 11:27:11 AM
244	Ganesh Kemase (Guest)	Left	5/17/2021, 11:37:35 AM
245	Shubhada Joshi (Guest)	Joined	5/17/2021, 11:28:30 AM
246	Shubhada Joshi (Guest)	Left	5/17/2021, 11:52:09 AM
247	Asha Hadpad (15966)	Joined	5/17/2021, 11:29:43 AM
248	YUKTA MURKAR (Guest)	Joined	5/17/2021, 11:30:24 AM
249	anjali (Guest)	Joined	5/17/2021, 11:31:08 AM
250	anjali (Guest)	Left	5/17/2021, 11:41:06 AM
251	bhavika naik (Guest)	Joined	5/17/2021, 11:33:41 AM
252	bhavika naik (Guest)	Left	5/17/2021, 11:55:04 AM
253	bhavika naik (Guest)	Joined	5/17/2021, 11:55:06 AM
254	sakshi (Guest)	Joined	5/17/2021, 11:34:24 AM
255	priyanka bhoje (Guest)	Joined	5/17/2021, 11:35:02 AM
256	priyanka bhoje (Guest)	Left	5/17/2021, 11:36:54 AM
257	Asmita Gosavi (Guest)	Joined	5/17/2021, 11:35:08 AM
258	Ekta rajoriya (Guest)	Joined	5/17/2021, 11:39:39 AM
259	Ekta rajoriya (Guest)	Left	5/17/2021, 11:50:24 AM
260	Tejaswini Shirsath (Guest)	Joined	5/17/2021, 11:40:19 AM
261	Tejaswini Shirsath (Guest)	Left	5/17/2021, 11:42:57 AM
262	anjali (Guest)	Joined	5/17/2021, 11:41:00 AM
263	Akanksha darekar (Guest)	Joined	5/17/2021, 11:43:24 AM
264	Pratik Tathe (15910)	Joined	5/17/2021, 11:50:55 AM
265	Ekta rajoriya (Guest)	Joined	5/17/2021, 11:50:58 AM
266	Shubhada Joshi	Joined	5/17/2021, 11:51:49 AM
267	Gayatri Parab (10742)	Joined	5/17/2021, 11:52:32 AM
268	Monika Dhumale (8900)	Joined	5/17/2021, 11:55:14 AM
269	Monika Dhumale (8900)	Left	5/17/2021, 11:56:18 AM
270	Monika Dhumale (8900)	Joined	5/17/2021, 11:56:48 AM
271	akshata kadam (Guest)	Joined	5/17/2021, 11:56:23 AM
272	Swati Kshirsagar (Guest)	Joined	5/17/2021, 11:57:30 AM

Timestamp	Email Address
5/24/2021 13:23:34	rkkadam2001@gmail.com
5/24/2021 13:24:35	gothankar.shubham2@gmail.com
5/24/2021 13:25:28	atharvadangat088@gmail.com
5/24/2021 13:26:06	kaushalbharati16@gmail.com
5/24/2021 13:28:51	lalitparab1998lp@gmail.com
5/24/2021 13:29:11	vighneshkorlekar16@gmail.com
5/24/2021 13:40:08	srushtibhoir4@gmail.com
5/24/2021 13:40:15	ritz13manjrekar@gmail.com
5/24/2021 14:03:19	arpita111kadam@gmail.com
5/24/2021 14:17:21	shinderjay@gmail.com
5/24/2021 14:21:59	mistryp9987@gmail.com
5/24/2021 14:27:40	deepakgangan19@gmail.com
5/24/2021 14:41:29	sakshigaikar8@gmail.com
5/24/2021 14:47:03	omkarchoughule1806@gmail.com
5/24/2021 14:48:07	priteekainkar23@gmail.com
5/24/2021 14:50:35	sakshisathe8424@gmail.com
5/24/2021 14:57:09	divy7991@gmail.com
5/24/2021 15:28:27	mrunalishrungare@gmail.com
5/24/2021 15:33:59	dikshawarise@gmail.com
5/24/2021 15:35:00	pratikshalahane84@gmail.com
5/24/2021 15:47:23	guthulakavya@gmail.com
5/24/2021 15:49:56	aakankshadarekar01@gmail.com
5/24/2021 15:58:48	omkarbhabal994@gmail.com
5/24/2021 16:00:38	shrugaikwad786@gmail.com
5/24/2021 16:00:39	chetanatibile@gmail.com
5/24/2021 16:46:18	ameetj2706@gmail.com
5/24/2021 17:10:17	asmitgosavi142001@gmail.com
5/24/2021 17:30:02	sm942815@gmail.com
5/24/2021 18:05:59	rohitsberde08@gmail.com
5/24/2021 18:29:01	meaishwaryakale@gmail.com
5/24/2021 18:43:25	pallavibansode936@gmail.com
5/24/2021 18:48:59	amoghjoshi2001@gmail.com
5/24/2021 19:15:05	nimishkamble7121@gmail.com
5/24/2021 19:37:45	tiwarishubhangi110@gmail.com
5/24/2021 19:41:17	dakshatadawkhar@gmail.com
5/24/2021 19:44:03	malusareshruti193@gmail.com
5/24/2021 20:23:31	shraddhamalge143@gmail.com
5/25/2021 9:46:20	juisawant1301@gmail.com
5/25/2021 10:21:33	preranajaiswar0@gmail.com
5/25/2021 11:21:19	parabgayatri3@gmail.com
5/25/2021 14:06:27	nidhijadhav68@gmail.com
5/25/2021 14:32:17	kadavpooja02@gmail.com
5/25/2021 15:28:40	shraddhajagdankar1@gmail.com



Full Name of the student (As you would like to see on y	Gender	Class	Mobile number
Rohit Ratnakar kadam	Male	SYBMS	9076025285
GOTHANKAR SHUBHAM VIJAY	Male	SYBAF	8652029449
ATHARVA PRAMOD DANGAT	Male	SYBMS	9082146831
Bharati Kaushal Sanjay	Male	SYBMS	9518764194
Lalit vilas parab	Male	SYBMS	9987212098
Korlekar Vighnesh Vasant	Male	SYBMS	8355824699
Srushti Vilas Bhoir	Female	SYBMS	9822722932
Ritika Mahendra Manjrekar	Female	SYBAF	9619421715
ARPITA ANIL KADAM	Female	SYBMS	7400236836
Shinde Jay Ramchandra	Male	SYBAF	9076498161
PANKAJ RAJENDRA MISTRY	Male	SYBMS	9987500225
Deepak Uttam Gangan	Male	SYBMS	9324202473
Sakshi Sakharam Gaikar	Female	SYBMS	8828580166
Omkar Babaji Choughule	Male	SYBMS	7506657827
Kainkar Pritee Vinod	Female	SYBMS	7506950575
SAKSHI NARESH SATHE	Female	SYBMS	9324116560
Shivam Shrikant Dubey	Male	SYBMS	9335222894
Mrunali Gopal Shrungare	Female	SYBAF	7039291093
Diksha Warise	Female	SYBAF	8108965360
Pratiksha Kishor Lahane	Female	SYBMS	9820917967
Guthula Kavya balakrishan	Female	SYBBI	8433615764
Darekar Akansha Vinayak	Female	SYBBI	9867022405
Bhabal Omkar Chandrashekhar	Male	SYBMS	9082124842
Srushti Dilip Gaikwad	Female	SYBMS	9967070457
TIBILE CHETANA JOTIBA	Female	SYBMS	8879190491
Jadhav Amit Laxman	Male	SYBMS	9920901341
Asmita Dinkar Gosavi	Female	SYBMS	73040 88823
Sonam Shivanand mishra	Female	SYBMS	9653495297
Rohit Sudhakar Berde	Male	SYBMS	9321786736
AISHWARYA SHARADCHANDRA KALE	Female	SYBMS	8422995302
PALLAVI LAXMAN BANSODE	Female	SYBAF	7977073563
JOSHI AMOGH AJAY	Male	SYBAF	9819649681
Kamble Nimish Vijay	Male	SYBMS	9819140476
Shubhangi tiwari	Female	SYBMS	9167986753
Dawkhar Dakshata Suresh	Female	SYBMS	8169205473
Shruti Vishal Malusare	Female	SYBAF	9767146820
Malge shraddha babu	Female	SYBMS	9136392144
JUI PRAVIN SAWANT	Female	SYBAF	9518504298
Jaiswar Prerana Ramesh	Female	SYBAF	9372456671
Gayatri Mahendra Parab.	Female	SYBMS	8898732746
Nidhi Milind Jadhav	Female	SYBAF	8657853212
Pooja Sanjay Kadav	Female	SYBAF	9167942605
Shraddha Vithal Jagdankar	Female	SYBMS	9022889393



Roll No	Overall imp	The Course	Knowledge	Material Pr	Applicabilit	Practical a	All Teacher
35	5	5	5	3	4	4	4
26	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5
69	4	5	3	2	3	2	2
50	3	4	4	3	4	3	5
7	5	4	4	3	3	4	4
62	4	5	4	4	4	4	4
34	5	4	5	5	5	4	4
91	4	4	4	4	5	4	5
60	4	4	5	3	4	4	5
26	4	5	5	5	4	4	4
23	5	5	5	5	5	5	5
12	5	4	5	4	4	5	4
38	3	4	3	2	4	3	4
76	4	5	4	4	5	4	4
105	4	5	4	5	5	3	5
92	5	5	5	5	5	5	5
102	4	5	4	5	5	5	4
52	5	4	5	4	3	5	4
22	3	3	4	5	4	3	5
86	4	4	5	5	4	5	4
4	4	5	4	3	4	4	4
24	4	5	5	5	5	4	5
92	5	4	4	4	5	4	5
31	4	4	4	4	4	3	5
29	4	3	3	2	5	4	4
59	5	4	5	5	5	5	5
3	5	5	5	5	5	5	5
39	4	4	4	3	4	4	5
6	3	3	4	3	3	5	4
40	4	5	5	4	4	4	5
42	4	4	4	4	4	4	5
114	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5
59	4	4	4	4	4	4	4
55	5	4	3	4	4	4	4
88	5	5	5	5	5	5	5
36	3	3	3	3	3	3	3
68	4	3	4	3	3	4	5
31	5	5	5	5	5	5	5
43	5	5	4	4	4	4	5
33	3	3	3	4	3	3	5



The course Organization	
	5
	5
	5
	5
	5
	5
	5
	4
	5
	5
	5
	5
	5
	5
	4
	5
	5
	5
	5
	3
	4
	5
	4
	5
	4
	5
	5
	5
	5
	4
	5
	5
	5
	5
	4
	4
	5
	3
	5
	5
	5
	4





# DAY 1

**Certificate Course on Art of Research Paper Writing**

02:16:19

Request control

Participants

Invite someone or dial a number

Share invite

Presenters (4)

Attendees (103)

Prof. Veena Shenoy (Guest)

English (United States)

Click to add notes

101 SK SD AM Prof. Veena Shenoy (Guest) Sarika Sagar SP

Type here to search

ENG 12:55 17-05-2021

**Certificate Course on Art of Research Paper Writing**

02:21:05

Request control

Participants

Invite someone or dial a number

Share invite

Presenters (4)

Attendees (101)

Prof. Veena Shenoy (Guest)

English (United States)

Click to add notes

99 SK SD AM Prof. Veena Shenoy (Guest) Sarika Sagar SP

Type here to search

ENG 1:30 17-05-2021

**Choosing a Topic + Developing a Research Question**

Process	Example
Choose a Topic	Music
Narrow your topic using <i>and</i> or <i>or</i> .	Music and teens
Narrow your topic by addressing time, place, a particular group or individuals, a school of thought, or a point of view.	Music and teens, ages 13 to 15, living in the United States
Ask a question you will be interested in researching.	How are U.S. teens, ages 13 to 15, impacted by listening to music while completing school work?

**Good Research Paper/ Article / Project**

- What?
- Why?
- How?
- When?
- Contribution of the study to theory and practice?



# DAY 2

The image displays two screenshots of a Zoom meeting interface. The top screenshot shows a presentation slide titled "Why research?" with two main points: "Systematic investigation in order to contribute to generalizable knowledge" and "Add value to universe of knowledge". The bottom screenshot shows a slide titled "Searching information is..." with four key points: "Essential component - scholarly research process", "Review of the literature on a specific topic or clinical question.", "Crucial for academic study and professional development", and "Locate the best evidence to answer a question". Both screenshots show a list of participants on the right side of the screen, including Sakshi Ghag, Aishwarya Kale, Akanksha Darekar, Akshay Dedhia, Amogh Joshi, and Anjali Waghmare. The meeting title is "Certificate Course on Art of Research Paper Writing".

**Slide 1: Why research?**

- Systematic investigation in order to contribute to generalizable knowledge
- Add value to universe of knowledge

**Slide 2: Searching information is...**

- Essential component - scholarly research process
- Review of the literature on a specific topic or clinical question.
- Crucial for academic study and professional development
  - To create and publish secondary analysis on a specific topic.
  - Often built on analysis of original research
- Locate the best evidence to answer a question

Certificate Course on Art of Research Paper Writing

53:02

Request control

Participants

Invite someone or dial a number

Share invite

Presenters (5)

Attendees (111)

Aishwarya Kale (8837)

Akanksha darekar (Guest)

Akshay Dedhia (17647)

AJ Amogh Joshi (8323)

AW Anjali Waghmare (Guest)

AG Ankita Gupta (Guest)

AN Ankita nikam (Guest)

medha.joshi (Guest)

110 PI HC SP

Varsha More

Shradha Bhome

medha.joshi (Guest)

Type here to search

1126 18-05-2021

Certificate Course on Art of Research Paper Writing

56:43

Request control

Participants

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (118)

Abhishek Dhakolia (10363)

Aishwarya Kale (8837)

Akanksha darekar (Guest)

Akshay Dedhia (17647)

AJ Amit Jadhav (9446)

AJ Amogh Joshi (8323)

AW Anjali Waghmare (Guest)

AG Ankita Gupta (Guest)

medha.joshi (Guest)

118 PI HC SP

Varsha More

Shradha Bhome

medha.joshi (Guest)

Type here to search

1129 18-05-2021

Information needs

**Back ground Information**

- Basic facts
- Overview of Topic
- Info\_ Details - time / events
- Opinions, editorial , reviews
- Use – Books, Reference material handbooks, Encyclopedia

**RECALL**

**Foreground Information**

- In-depth Information
- Scholarly information
  - Research publications/ articles
  - Analyzed, information
  - Synthesized information
- Use – Books, Journals, Scientific reports, etc.

**PRECISION**



Certificate Course on Art of Research Paper Writing

01:00:42

Request control

Share

Leave

## Types Of Literature Resources

Primary Literature	Secondary Literature	Tertiary Literature
Original research – Journals, dissertations, conference proceedings, correspondence, full text databases, etc	Abstracting & indexing, databases, Review articles, systematic reviews, meta analysis, practice guidelines, etc	Text books, advanced books encyclopedias, handbooks, newspapers, etc.
Examples - Review of economics and statistics, EPW, social issues and policy reviews, etc. <b>Precision – answers specific qs.</b>	Examples – Social science index, WEB of Science, SCOPUS, <b>Precision &amp; Pointers to primary and secondary</b>	Examples – Principles of Economics by N. Gregory Mankiw ( Jan 1, 2017) <b>Recall – background information</b>

Adapted from Inform. Sc. Dept. Univ. Of Indis. website

Participants

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (120)

Abhishek Dhakolia (10363)

Aishwarya Kale (8837)

Akanksha darekar (Guest)

Akshay Dedhia (17647)

Amit Jadhav (9446)

Amogh Joshi (8323)

Anjali Waghmare (Guest)

medha joshi (Guest)

Varsha More

Shradha Bhome

medha joshi (Guest)

SP

Type here to search

1133 18-05-2021

Certificate Course on Art of Research Paper Writing

01:03:38

Request control

Share

Leave

## Stages in Information search

Three main stages

- Planning - effective recall / precision
  - based on database structure
- Building search strategies - types
  - depend upon search subject and purpose and database
- search results and downloading, saving or printing
- Strategy is database dependant

Participants

Invite someone or dial a number

Share invite

Presenters (5)

Attendees (117)

Abhishek Dhakolia (10363)

Aishwarya Kale (8837)

Akanksha darekar (Guest)

Akshay Dedhia (17647)

Amit Jadhav (9446)

Amogh Joshi (8323)

Anjali Waghmare (Guest)

medha joshi (Guest)

Varsha More

Shradha Bhome

medha joshi (Guest)

SP

Type here to search

1136 18-05-2021

Certificate Course on Art of Research Paper Writing

01:11:18

Request control

18 May \_presentation1 - (1) (Draft).2

Home Insert Draw Design Transitions Animations Slide Show Review View Tell me

Advanced Search - Boolean operators

- AND
- OR
- NOT
- NEAR

Digital NEAR Marketing

Participants

Invite someone or dial a number

Share invite

Presenters (3)

Attendees (115)

- Abhishek Dhakolia (10363)
- Aishwarya Kale (8837)
- Akanksha darekar (Guest)
- Akshay Dedhia (17647)
- Amit Jadhav (9446)
- Amogh Joshi (8323)
- Anjali Waghmare (Guest)

medha joshi (Guest)

+114 CM PJ Vansha More Shradha Bhome medha joshi (Guest) SP

Type here to search

11:44 18-05-2021

Certificate Course on Art of Research Paper Writing

01:19:26

Request control

18 May \_presentation1 - (1) (Draft).2

Home Insert Draw Design Transitions Animations Slide Show Review View Tell me

EXAMPLES

(Smoking OR Nicotine) AND cancer

Promotion of products directly impacts marketing outcomes

Role of Media during elections

Participants

Invite someone or dial a number

Share invite

Waiting in lobby (1)

- Kavya Gutthula (Guest) Admittin...

Presenters (4)

Attendees (109)

- Abhishek Dhakolia (10363)
- Aishwarya Kale (8837)
- Akanksha darekar (Guest)
- Akshay Dedhia (17647)
- Anjali Waghmare (Guest)
- Ankita Gupta (Guest)

medha joshi (Guest)

+107 SJ CM PI Piyush Ingle (8788) Vansha More medha joshi (Guest) SP

Type here to search

11:52 18-05-2021

Certificate Course on Art of Research Paper Writing

01:23:32

Request control

Participants

Invite someone or dial a number

Share invite

Presenters (4)

Mute all

Siddhi Patil (Organizer)

Afreen Eksambi

medha joshi (Guest)

Sneha Thakkar (On hold)

Attendees (106)

Abhishek Dhakolia (10363)

Aishwarya Kale (8837)

Akanksha darekar (Guest)

Abhishek Dhadke (17647)

## Development of research idea

Research PLUS More Research PLUS Your Ideas EQUALS New ideas!

medha joshi (Guest)

+104 SJ CM PI Piyush Ingle (8788) Vansha More medha joshi (Guest) SP

Type here to search

11:56 18-05-2021

Certificate Course on Art of Research Paper Writing

01:25:00

Request control

Participants

Invite someone or dial a number

Share invite

Presenters (4)

Mute all

Siddhi Patil (Organizer)

Afreen Eksambi

medha joshi (Guest)

Sneha Thakkar (On hold)

Attendees (107)

Abhishek Dhakolia (10363)

Aishwarya Kale (8837)

Akanksha darekar (Guest)

Abhishek Dhadke (17647)

## What is a literature Review ?

- A literature review is a survey of scholarly sources on a specific topic.
- An overview of current knowledge,
  - identifying relevant theories, methods, and gaps in the existing research
- An account of what has been published on a topic by scholars and researchers.
- Often it is part of the introduction to an essay, research report, or thesis.
  - to place your research in relation to existing knowledge.

medha joshi (Guest)

+105 SJ CM PI Piyush Ingle (8788) Vansha More medha joshi (Guest) SP

Type here to search

11:58 18-05-2021



Certificate Course on Art of Research Paper Writing

01:34:35

Request control

Participants

Invite someone or dial a number

Share invite

Mute all

Presenters (3)

- Siddhi Patil (Organizer)
- Afreen Eksambi
- medha joshi (Guest)

Attendees (105)

- Abhishek Dhakolia (10363)
- Aishwarya Kale (8837)
- Akanksha darekar (Guest)

medha joshi (Guest)

Review of Literature must be ...

- Organized around and related directly to the thesis or research question you are developing
- Synthesize results into a summary of what is known and is not known
- Identify areas of controversy in the literature
- Formulate questions that need further research

medha joshi (Guest) May 2021

sumit Gode FY.pdf | drive-download.20...zip | Sakshi Muke.pdf | Jayantilal Vishwak...pdf

Type here to search

12:07 18-05-2021

Certificate Course on Art of Research Paper Writing

01:42:50

Request control

Participants

Invite someone or dial a number

Share invite

Mute all

Presenters (4)

- Siddhi Patil (Organizer)
- Afreen Eksambi
- medha joshi (Guest)
- Sneha Thakkar

Attendees (104)

- Abhishek Dhakolia (10363)
- Aishwarya Kale (8837)

medha joshi (Guest)

To begin – Answer - What & Have I

WHAT ?	How ? & Have I ?
<ul style="list-style-type: none"> <li>What is the specific thesis, problem, or research question will ROL address</li> <li>Type of literature review - theory, methodology, policy</li> <li>Type of research –               <ul style="list-style-type: none"> <li>quantitative research - e.g. effectiveness of a new procedure / product/ service .....</li> <li>Qualitative research - e.g., perception opinion, studies, like studies of loneliness among migrant workers</li> </ul> </li> <li>Scope of literature review               <ul style="list-style-type: none"> <li>types of publications e.g., journals, books, government documents, popular media</li> <li>discipline / domain - I working in (e.g., nursing psychology, sociology, medicine)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>How good was my information seeking?               <ul style="list-style-type: none"> <li>Was search wide enough ?</li> <li>Found all the relevant material ?</li> <li>Have I excluded irrelevant material ?</li> </ul> </li> <li>Have I critically analysed the literature               <ul style="list-style-type: none"> <li>followed a set of concepts and questions, comparing items to each other</li> <li>assessed them, discussing strengths and weaknesses?</li> </ul> </li> <li>Have I cited and discussed studies contrary to my perspective?</li> <li>Will the reader find my literature review relevant, appropriate, and useful?</li> </ul>

medha joshi (Guest) May 2021

Page 6 of 6 0 words English (India)

Type here to search

12:16 18-05-2021

Certificate Course on Art of Research Paper Writing

01:43:41

Request control

medha joshi (Guest)

## Choose a topic Define your research question.

- Literature review should be guided by a research question.
- It is not a collection of loosely related studies in a field but instead represents background and research developments related to a specific research question,
- Should be interpreted and analyzed by you in a synthesized way.

Tips:

- Make sure your research question is not too broad or too narrow. Is it manageable?
- Begin writing down terms that are related to your question. These will be useful for searches later.
- Discuss your topic with your professor.

Participants

Invite someone or dial a number

Share invite

Presenters (4)

Mute all

- Siddhi Patil (Organizer)
- Afreen Eksambi
- medha joshi (Guest)
- Sneha Thakkar

Attendees (104)

Abhishek Dhakolia (10363)

Aishwarya Kale (8837)

medha joshi (Guest)

Page 6 of 6 0 words English (India)

Type here to search


12:16 18-05-2021

Certificate Course on Art of Research Paper Writing

01:52:46

Request control

medha joshi (Guest)



## Scope of your review.

- No specific parameter
- Depends upon the topic and research question
- Depends upon type of research \_research paper, letter to editor, short communication or academic research
- This may depend on your assignment. How many sources does the assignment require?

How many studies do you need to look at?

- How comprehensive should it be?
- How many years should it cover?

Participants

Invite someone or dial a number

Share invite

Presenters (4)

Mute all

- Siddhi Patil (Organizer)
- Afreen Eksambi
- medha joshi (Guest)
- Sneha Thakkar

Attendees (101)

Abhishek Dhakolia (10363)

Aishwarya Kale (8837)

medha joshi (Guest)

Page 7 of 7 0 words English (India)

Type here to search

12:25 18-05-2021

01:57:11

Request control

01:57:11

# Writing & reporting

- Summarise & Synthesize
- Analyse and Interpret
- Evaluate
- Write in cohesive paragraphs
- Cite appropriately
- List the cited references in format / style advised by the publisher

medha joshi (Guest)

Participants

Invite someone or dial a number

Share invite

Presenters (5)

Mute all

- SP Siddhi Patil Organizer
- AF Afreen Eksambi
- MJ medha joshi (Guest)
- RV Rajesh Valeja
- ST Sneha Thakkar

Attendees (101)

AD Abhishek Dhakolia (10363)

Page 7 of 7 0 words English (India)

Type here to search

12:30 18-05-2021

01:57:33

Request control

01:57:33

# Final Notes – writing tips

- A literature review is a piece of **discursive prose**,
  - not a list describing or summarizing one piece of literature after another.
- It's usually a **bad sign** to see every paragraph beginning with the name of a researcher.
  - Instead, organize the literature review into sections that present themes or identify trends, including relevant theory.
- Do not try to list all the material published,
  - but synthesize and evaluate it according to research question
- It's not an **annotated bibliography**,
  - need to summarize each item briefly, but should still follow through themes and concepts and do some critical assessment of material.
  - Use an overall introduction and conclusion to state the scope of your coverage and to formulate the question, problem, or concept your chosen material illuminates.
  - Either group items into sections—to indicate comparisons and relationships.
  - write a paragraph to introduce the focus of each section

medha joshi (Guest)

Participants

Invite someone or dial a number

Share invite

Presenters (5)

Mute all

- SP Siddhi Patil Organizer
- AF Afreen Eksambi
- MJ medha joshi (Guest)
- RV Rajesh Valeja
- ST Sneha Thakkar

Attendees (101)

AD Abhishek Dhakolia (10363)

1 file was downloaded.

Downloading...

Page 8 of 8 0 words English (India)

Type here to search

12:30 18-05-2021





Certificate Course on Art of Research Paper Writing

02:21:48

Request control

medha joshi (Guest)

## Null Hypothesis

- The null hypothesis is a general statement that states that –
  - there is **no relationship between two phenomenon** under consideration or that there is no association between two groups.
- The hypothesis a researcher is **trying to disprove**.
- Is capable of being objectively verified, tested, and **even rejected**.
- Is always a specific hypothesis, i.e. **it should not state about or approximately a certain value**.

Example –

- If a study is to compare method 'A' with method 'B' about their relationship, and if the study is preceded on the assumption that both methods are equally good, then this assumption is termed as the null hypothesis.

medha joshi (Guest)

Participants

Invite someone or dial a number

Share invite

Waiting in lobby (1)

- Rasika barge (10104) (Guest)

Presenters (5)

- Siddhi Patil (Organizer)
- Afreen Eksambi
- medha joshi (Guest)
- Rajesh Valeja
- Sneha Thakkar

Attendees (99)

- Abhishek Dhakofia (10363)

Windows taskbar: Type here to search, 12:54, 18-05-2021

Certificate Course on Art of Research Paper Writing

02:23:48

Request control

medha joshi (Guest)

## When to reject null hypothesis?

- When the p-value of the data is less than the significant level of the test
  - the null hypothesis is rejected, **indicating the test results are significant**.
- if the p-value is higher than the significant value,
  - the null hypothesis is not rejected, and the **results are considered not significant**
- The level of significance is an important concept while hypothesis testing as it determines the percentage risk of rejecting the null hypothesis when  $H_0$  might happen to be true.

medha joshi (Guest)

Participants

Invite someone or dial a number

Share invite

Presenters (5)

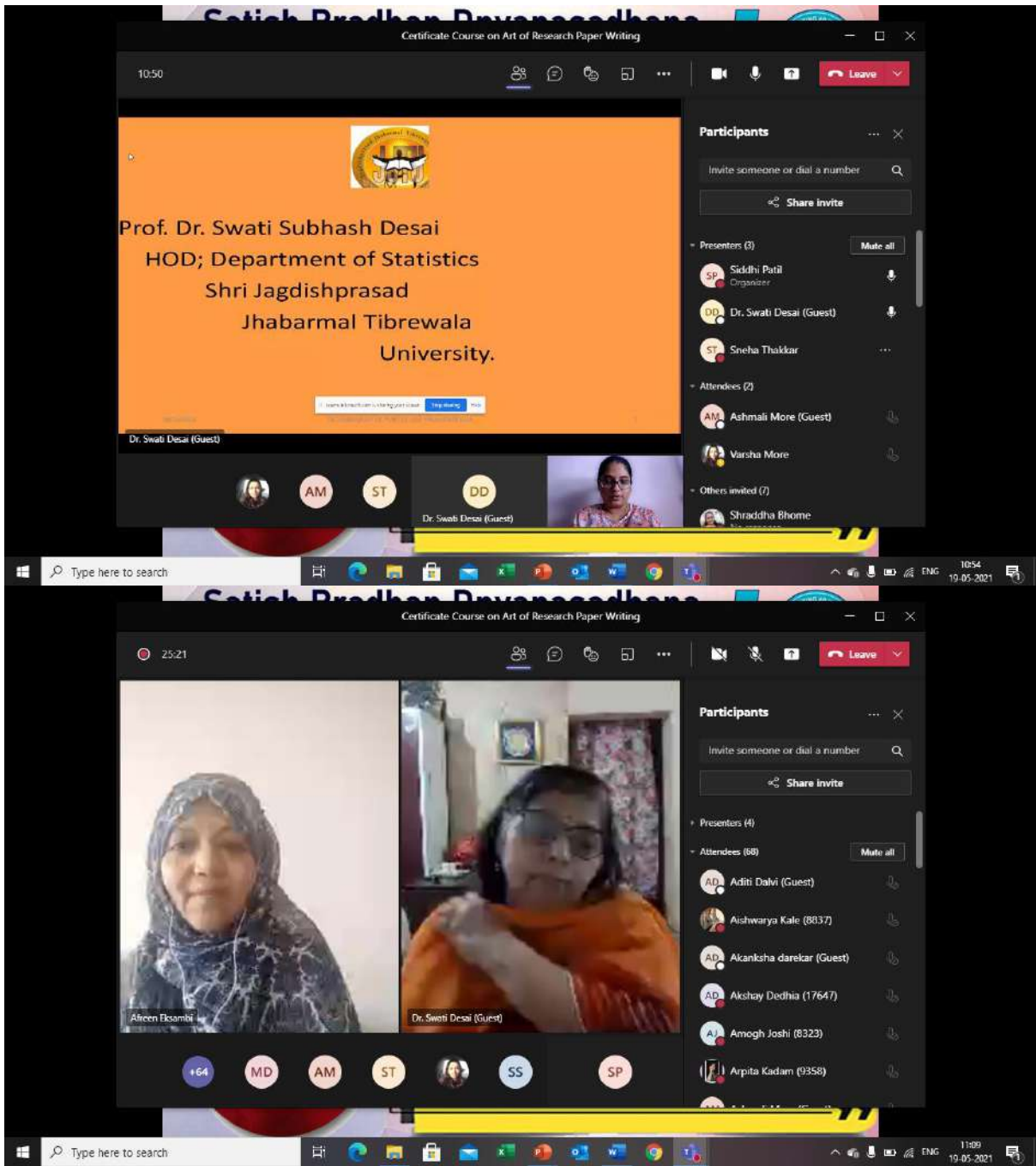
- Siddhi Patil (Organizer)
- Afreen Eksambi
- medha joshi (Guest)
- Rajesh Valeja
- Sneha Thakkar

Attendees (100)

- Abhishek Dhakofia (10363)
- Aishwarya Kale (8837)

Windows taskbar: Type here to search, 12:57, 18-05-2021

# DAY 3





45:56



## RESEARCH PROBLEM

- A research problem is an area of concern where there is a gap in the knowledge base needed for professional practice.
- 1<sup>st</sup> step in research process - **IDENTIFICATION AND FORMULATION OF A RESEARCH PROBLEM.**
- Considered as one of the most challenging and difficult phase of any research project.

Dr. Swati Desai (Guest)

19/05/2021

DE.SWATI.DESAI@EX.PAIR.IJUGSIC.PROFESSOR.IJGU

11

Participant avatars: +86, AD, Ritika Manjrekar (B913), Prashant Bane, AM, Admal More (Guest), AE, Aftreen Elkambi, Dr. Swati Desai (Guest), SP

Windows taskbar: Type here to search, Edge, File Explorer, Mail, Word, PowerPoint, Teams, Chrome, OneDrive

System tray: 11:30, 10-05-2021

50:42



Dr. Swati Desai (Guest)

19/05/2021

DE.SWATI.DESAI@EX.PAIR.IJUGSIC.PROFESSOR.IJGU

11

Participant avatars: +86, BN, AD, Ritika Manjrekar (B913), AM, Admal More (Guest), AE, Dr. Swati Desai (Guest), SP

Windows taskbar: Type here to search, Edge, File Explorer, Mail, Word, PowerPoint, Teams, Chrome, OneDrive

System tray: 11:34, 10-05-2021



### FORMULATION OF RESEARCH PROBLEM



Dr. Swati Desai (Guest)

19/05/2021

Dr. Swati Desai Ek. PAUN. LUGLUG. PROFESSOR, LPU

38

Participant avatars: +88, BN, AD, AM, AE, DD, SP. Search bar: Type here to search. System tray: 11:36, 19-05-2021.

### CHARACTERISTICS OF OBJECTIVES

#### SMART

- **Specific:** talk in a precise and clear way about what you are going to do.
- **Measurable:** how will you know when you have achieved your aim?
- **Achievable:** make sure that you aren't overly ambitious.
- **Realistic:** recognize the time and resource constraints.
- **Time constrained:** determine when each objective needs to be complete

Dr. Swati Desai (Guest)

19/05/2021

Dr. Swati Desai Ek. PAUN. LUGLUG. PROFESSOR, LPU

39

Participant avatars: +89, AD, AM, AE, DD, SP. Search bar: Type here to search. System tray: 11:45, 19-05-2021.

Participants list: Invite someone or dial a number, Share invite, Presenters (3): Siddhi Patil (Organizer), Afreen Eksambi, Attendees (92): Aishwarya Kale (8837), Akshay Dedhia (17647), Amit Jadhav (9446), Amogh Joshi (8323), Anitima Yadav (15664) On hold.

Certificate Course on Art of Research Paper Writing

01:21:15

# INFERENCEAL STATISTICS

- ❑ Concepts related to Inferential statistics : Type I and II errors, Level of significance, Confidence level, Degree of freedom
- ❑ Test of Significance:
  - ❖ Parametric tests: (t-test, Z-test & ANOVA)
  - ❖ Nonparametric tests: (chi-square test, median test, McNemar test, Mann-Whitney test, Wilcoxon Test & Fisher's exact test).

Dr. Swati Desai (Guest) 10/2021

DR.SWATI DESAI EK PRIN LUCRIGC PROFESSOR IITL

1295 10-05-2021

Participants

Invite someone or dial a number

Share invite

Presenters (3) Mute all

- SP Siddhi Patil Organizer
- AE Afreeen Eksambi
- DD Dr. Swati Desai (Guest)

Attendees (90)

- Jay Shinde (Guest (Guest))
- AE Aarti Egade (Guest)
- AD Aditi Dalvi (Guest)
- Aishwarya Kale (8837)

Ashmi More (Guest) Afreeen Eksambi Dr. Swati Desai (Guest) SP

Type here to search

Certificate Course on Art of Research Paper Writing

01:22:20

# UNIVERSE

- The **universe** consists of all survey elements that qualify for inclusion in the **research** study.
- In economics and marketing a universe is a population to be studied or measured. ... For example, a hair dye ad campaign may buy 1000 Gross Rating Points (GRP) in the Women 25-44 universe in order to target that particular audience, rather than a demographic irrelevant to their product.

Dr. Swati Desai (Guest) 10/2021

DR.SWATI DESAI EK PRIN LUCRIGC PROFESSOR IITL

1296 10-05-2021

Participants

Invite someone or dial a number

Share invite

Presenters (3) Mute all

- SP Siddhi Patil Organizer
- AE Afreeen Eksambi
- DD Dr. Swati Desai (Guest)

Attendees (90)

- Jay Shinde (Guest (Guest))
- AE Aarti Egade (Guest)
- AD Aditi Dalvi (Guest)
- Aishwarya Kale (8837)

Ashmi More (Guest) Afreeen Eksambi Dr. Swati Desai (Guest) SP

Type here to search

1296 10-05-2021

Certificate Course on Art of Research Paper Writing

01:25:01

## Universe Population and Sample

- Universe, population and sample must be understood together. Universe and population can refer to same thing and can be considered as synonym if only the population you use while choosing your samples includes all the members of universe. If you have data for all the members of universe then your population is universe and you are actually sampling from the universe. However, if you have data for only some members of universe then your population is those members of universe only and you are sampling from those members of universe whose data you have access. For instance, let's say you are doing a survey research on 10 million workers in country X. Your universe is all the workers. If you have access to social security number of all the workers where you can draw your sample of 10 thousand workers, then your universe and population are the same. If you have access to social security numbers of only 1 million workers then your universe is 10 million workers, your population is 1 million workers, and your sample is 10 thousand workers.

Participants

Invite someone or dial a number

Share invite

Presenters (3) Mute all

- SP Siddhi Patil Organizer
- AE Afreen Eksambi
- DD Dr. Swati Desai (Guest)

Attendees (88)

- AE Aarti Egade (Guest)
- AD Aditi Dalvi (Guest)
- Aishwarya Kale (8637)
- akanksha (Guest)

Windows taskbar: Type here to search, Edge, File Explorer, Word, PowerPoint, Teams, Chrome, Outlook, OneDrive, Signal, Network, 1208, 10-05-2021

Certificate Course on Art of Research Paper Writing

01:39:22

## Systematic sampling example

- For instance, if a local NGO is seeking to form a systematic sample of 500 volunteers from a population of 5000, they can select every 10th person in the population to build a sample systematically.

Participants

Invite someone or dial a number

Share invite

Presenters (3) Mute all

- SP Siddhi Patil Organizer
- AE Afreen Eksambi
- DD Dr. Swati Desai (Guest)

Attendees (81)

- AE Aarti Egade (Guest)
- AD Aditi Dalvi (Guest)
- Aishwarya Kale (8637)
- akanksha (Guest)

Windows taskbar: Type here to search, Edge, File Explorer, Word, PowerPoint, Teams, Chrome, Outlook, OneDrive, Signal, Network, 1202, 10-05-2021

Certificate Course on Art of Research Paper Writing

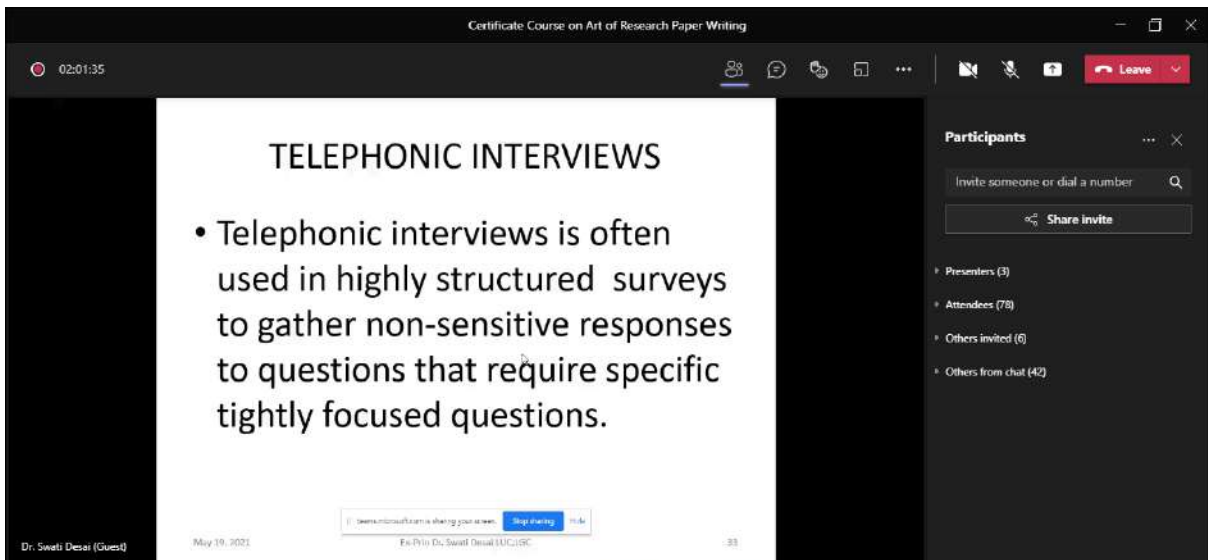
02:01:35

## TELEPHONIC INTERVIEWS

- Telephonic interviews is often used in highly structured surveys to gather non-sensitive responses to questions that require specific tightly focused questions.

Dr. Swati Desai (Guest) | May 19, 2021 | 33

Participants: Invite someone or dial a number, Share invite, Presenters (3), Attendees (78), Others invited (6), Others from chat (42)



Certificate Course on Art of Research Paper Writing

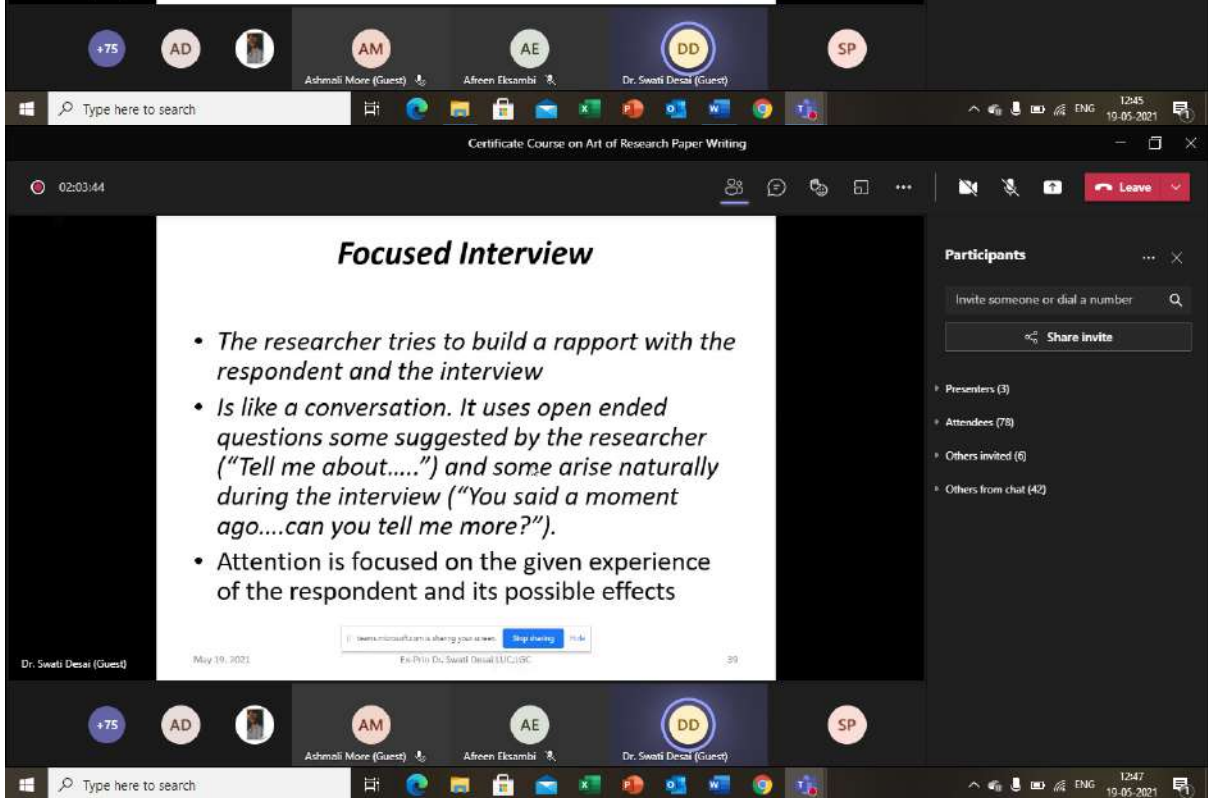
02:03:44

## Focused Interview

- *The researcher tries to build a rapport with the respondent and the interview*
- *Is like a conversation. It uses open ended questions some suggested by the researcher ("Tell me about.....") and some arise naturally during the interview ("You said a moment ago....can you tell me more?").*
- Attention is focused on the given experience of the respondent and its possible effects

Dr. Swati Desai (Guest) | May 19, 2021 | 39

Participants: Invite someone or dial a number, Share invite, Presenters (3), Attendees (78), Others invited (6), Others from chat (42)





Certificate Course on Art of Research Paper Writing

02:12:00

## *Distributor or store audits*

- Distributor or store audits are performed by distributors as well as manufactures through their salesmen at regular intervals.
- Distributors get the retail stores audited through salesmen and use such information to estimate market size, market share, seasonal purchasing pattern and so on.
- The data are obtained in such audits not by questioning but by observation

Dr. Swati Desai (Guest) | Nov 19, 2021 | Ex-Prof. Dr. Swati Desai IJGJSC

**Participants**

Invite someone or dial a number

Share invite

Presenters (3)

Attendees (74)

Others invited (6)

Others from chat (45)

+71 AD [Avatar] AM Ashmi More (Guest) AE Afreen Eksambi DD Dr. Swati Desai (Guest) SP

Type here to search

Certificate Course on Art of Research Paper Writing

02:14:41

## QUESTIONNAIRE

Very often

Often

Sometimes

Rarely

Dr. Swati Desai (Guest) | Nov 19, 2021 | Ex-Prof. Dr. Swati Desai IJGJSC

Participants

Invite someone or dial a number

Share invite

Mute all

Presenters (4)

- SP Siddhi Patil (Organiser)
- AE Afreen Eksambi
- DD Dr. Swati Desai (Guest)
- ST Sneha Thakkar

Attendees (73)

Others invited (5)

Others from chat (45)

Certificate Course on Art of Research Paper Writing

02:15:09

## QUESTIONNAIRE METHOD

- This method of data collection is quite popular, particularly in case of big enquiries. The questionnaire is mailed to respondents who are expected to read and understand the questions and write down the reply in the space meant for the purpose in the questionnaire itself.
- The respondents have to answer the questions on their own.

Dr. Swati Desai (Guest) May 19, 2021

Participants

Invite someone or dial a number

Share invite

Presenters (4) Mute all

- SP Siddhi Patil Organizer
- AE Afsheen Eksambhi
- DD Dr. Swati Desai (Guest)
- ST Sneha Thakkar

Attendees (72)

Others invited (5)

Others from chat (46)

Windows taskbar: Type here to search, Edge, File Explorer, Mail, Word, PowerPoint, Teams, Chrome, Firefox, Zoom

Certificate Course on Art of Research Paper Writing

02:19:17

## The Format of Questionnaire

- **Size:**
  - It should be smaller in size than that of the schedule.
  - The extent in length and breadth should be appropriate.
  - It should not be more than two or three pages as to the nature of the research.
- **Appearance:**
  - It should be constructed on a good quality paper and printing.
  - It should have an attractive layout.
- **Clarity:**
  - The questions should be short, clear in terms, tenure, and expression.

Dr. Swati Desai (Guest) May 19, 2021

Participants

Invite someone or dial a number

Share invite

Presenters (4)

Attendees (72)

Others invited (5)

Others from chat (46)

Windows taskbar: Type here to search, Edge, File Explorer, Mail, Word, PowerPoint, Teams, Chrome, Firefox, Zoom



## Question Types to be avoided in a Questionnaire

- **Reference of previous questions**
- It is extremely not suggested to ask the questions like "As I asked in Question number 12 above about ..... ". If reference or cue of previous questions is required to recall the answer of respondents by stating full questions and answers to continue the further interview.

www.zoom.us/j/910123456789 [Stop sharing](#) [Link](#)

Dr. Swati Desai (Guest)

May 15, 2021

En-Pin Di, Swati Desai UCLGIC

02

Participant avatars: +65, L, JD, AD, AM, AE, DD (Dr. Swati Desai), SP

Windows taskbar: Type here to search, Edge, File Explorer, Mail, Word, PowerPoint, Teams, Zoom, Chrome, Firefox, Task View, System Tray (Network, Volume, Power, ENG, 1:08, 10-05-2021)



# DAY 4

The image displays two screenshots of a Zoom meeting interface. The top screenshot shows a presentation slide titled "Topic Selection" with the following content:

**Topic Selection**

1. Ask questions: who, what, where, when, why  
Similar to or different from; causes; consequences; history; present status;
2. Identify subtopics and other related topics.
3. Source of Information

The bottom screenshot shows a presentation slide titled "How to start?" with the following content:

**How to start?**

1. Read abstracts, headings and subheadings.
2. Make note of charts, statistics, graphs.
3. Read the reference lists.
4. Read introductory and summary paragraphs.

Both screenshots show a Zoom meeting titled "Certificate Course on Art of Research Paper Writing" with a participant list at the bottom including Saktharam Muley, Shradha Bhome, Sneha Thakkar, Dr. S. B. Muley (Guest), and SP. The right sidebar shows participant counts: 5 Presenters, 85 Attendees, 1 Others invited, and 43 Others from chat in the top screenshot; 8 Presenters, 92 Attendees, 2 Others invited, and 39 Others from chat in the bottom screenshot.

Certificate Course on Art of Research Paper Writing

49:30

Q2 SURVEY FYBAF 028 SURVEY Q2 WAVALA.pdf - Adobe Acrobat Reader DC (32-bit)

Home Tools Q2 SURVEY FYBAF ...

### QUESTIONS

1. NAME\*
2. E-mail
3. Mobile Number\*
4. Occupation
5. Age
  - Below 18
  - 18-25

Saksharam Muley

Participants

Invite someone or dial a number

Share invite

Presenters (7)

Attendees (92)

Others invited (3)

Others from chat (40)

+93 SM CM Vansha More Sneha Thakkar Dr. S. B. Muley (Guest) SP

Type here to search

11:35 20-05-2021

Certificate Course on Art of Research Paper Writing

59:27

Request control

Participants

Invite someone or dial a number

Share invite

Presenters (7)

Attendees (93)

Others invited (3)

Others from chat (41)

+95 CM Vansha More Sneha Thakkar Dr. S. B. Muley (Guest) SP

Type here to search

11:45 20-05-2021

Questionnaire Construction

- Look for the objective and hypothesis (if any)
- Number of Questions ( Minimum required to satisfy objective)
- Type of Question (Close and Open End).

Saksharam Muley

Certificate Course on Art of Research Paper Writing

01:05:08

Request control

Participants

Invite someone or dial a number

Share invite

Presenters (7)

Attendees (94)

Likert scale questions

- Perception based question
  - Telecom industry will have a geometric growth in near future
    - SD-IP-NAND-A-SSA
- Frequency based question
  - How frequently you visiting online shopping websites?
    - Not at all Rarely Sometimes Often very frequently
- Satisfaction based question
  - Rate your satisfaction level for the UPI services provided by different mobile payment Apps
  - etc.

Saksharam Muley

+96 CM ST DM SP

Dr. S. B. Muley (Guest)

Certificate Course on Art of Research Paper Writing

01:19:04

Request control

Participants

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (91)

Chaitanya Javkar (Guest)

Aarti Egade (Guest)

Aditi Dalvi (Guest)

Aishwarya Kale (9837)

Akanksha darekar (Guest)

Akshay Dedhia (17647) On hold

Amogh Joshi (8323)

Customer Satisfaction Survey With Respect To Mother Dairy Products

The objective of this survey is to study the consumer perception and their satisfaction towards Mother Dairy products.

I am a student of XYZ college and I am pursuing \_\_\_\_\_ course. As a requirement of the course I have to conduct survey. Please help me by giving response to the questions in the form. Your responses will be highly appreciated and I assure you that this information will be used for academic purposes only and will be kept confidential.

Untitled Question

Option 1

Saksharam Muley

+91 SM CM DM ST SP

Varsha More

Dr. S. B. Muley (Guest)

Sneha Thakkar

Certificate Course on Art of Research Paper Writing

01:26:59

Request control

Participants

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (86)

Others invited (4)

Others from chat (41)

Dashboard

Daily Needs

Cloths and Garments

Beauty product

Rate your shopping experience on the basis of different parameters given below.

Multiple choice grid

Rows	Columns
1. Price	Not at all good
2. Quality	some time good
3. Quantity	good
4. After sales services	some time very good
5. Brand value	Column 5
6. Value for money	Add column

Saksharam Muley

+86 SM CM DM ST SP

Vandha More

Dr. S. B. Muley (Guest)

Sneha Thakkar

Type here to search

Certificate Course on Art of Research Paper Writing

01:22:15

Request control

Participants

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (89)

Chaitanya Javkar (Guest)

Aarti Egade (Guest)

Aditi Dalvi (Guest)

Aishwarya Kale (9837)

Akanksha darekar (Guest)

Akshay Dedhia (17647)

Amit Jadhav (9446)

Dashboard

Section-A \*

Short answer text

Choose yourself as customer for

Checkboxes

Online shopping customer very frequently

Offline shopping customer very frequently

Add option or add "Other"

Answer key (0 points)

Required

Saksharam Muley

+89 SM CM DM ST SP

Vandha More

Dr. S. B. Muley (Guest)

Sneha Thakkar

Type here to search

1208

20-05-2021

Certificate Course on Art of Research Paper Writing

01:23:30

Request control

Participants

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (89)

Chaitanya Javkar (Guest)

Aarti Egade (Guest)

Aditi Dalvi (Guest)

Aishwarya Kale (8837)

Akanksha darekar (Guest)

Akshay Dedhia (17647)

Amit Jadhav (9446)

Amogh Joshi (82223)

Section 2 of 2

### For Online Shopping

Description (optional)

Which products you buy frequently?

Multiple choice

Grocery

Electronic

Books

Add option or add "Other"

Saksharam Mulay

+89 SM CM DM ST SP

Varsha More

Dr. S. B. Mulay (Guest)

Sneha Thakkar

Type here to search

Certificate Course on Art of Research Paper Writing

01:27:14

Request control

Participants

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (85)

Others invited (4)

Others from chat (42)

Rate your shopping experience on the basis of different parameters given below:

	Not at all good	some time good	good	some time very...	Always good
Price	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quantity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
After sales serv...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Brand value	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Value for money	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which products you buy frequently?

Multiple choice

Saksharam Mulay

+85 SM CM DM ST SP

Varsha More

Dr. S. B. Mulay (Guest)

Sneha Thakkar

Type here to search



Certificate Course on Art of Research Paper Writing

01:32:40

Request control

Participants

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (82)

Others invited (4)

Others from chat (45)

Settings

General Presentation Quizzes

Collect emails

Response receipts

Requires sign in:

Restrict to users in KC College and its trusted organizations

Limit to 1 response

Respondents can:

Edit after submit

See summary charts and text responses

Saksharam Muliyil

+82 SM CM DM ST SP

Vansha More Dr. S. B. Muliyil (Guest) Sneha Thakkar

Certificate Course on Art of Research Paper Writing

01:55:18

Request control

Participants

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (73)

Chaitanya Javkar (Guest)

Aditi Dalvi (Guest)

Aishwarya Kale (8637) On hold

Atanksha darekar (Guest)

Ankita Gupta (Guest)

Arpita Kadam (9358)

Ashmal More (Guest)

Microsoft Excel (Product Activation Failed)

Purchase Behaviour (Read-Only)

1	Time	Email	Choose yourself as customer Which products you buy	Rate your shopping experience	Rate your shopping experience	Rate your shopping experience	Rate your shopping experience
2	5/20/2021 12:27:38	shw7981@gmail.com	Online shopping customer Cloths and Garments	some time good	good	good	good
3	5/20/2021 12:27:40	Pastorsonwale15@gmail.com	Online shopping customer Daily Needs	some time very good	good	good	some time good
4	5/20/2021 12:27:48	alpha111@acmail.com	Online shopping customer Electronic	good	some time good	good	good
5	5/20/2021 12:28:03	sakshamsale404@gmail.com	Online shopping customer Beauty product	good	some time good	good	good
6	5/20/2021 12:28:04	harishchandra110@gmail.com	Online shopping customer Cloths and Garments	good	good	some time very good	Not at all good
7	5/20/2021 12:28:16	javare@gmail.com	Online shopping customer Cloths and Garments	some time good	good	Always good	some time very good
8	5/20/2021 12:28:19	yankumarika594@gmail.com	Online shopping customer Daily Needs	some time very good	good	good	good
9	5/20/2021 12:28:21	scdhippal95@gmail.com	Online shopping customer Grocery	Always good	Always good	Always good	some time very good
10	5/20/2021 12:28:26	madhu0251ml@gmail.com	Offline shopping customer very frequently	Always good	Always good	Always good	some time very good
11	5/20/2021 12:28:29	madhu0251ml@gmail.com	Online shopping customer Cloths and Garments	good	some time very good	good	some time very good
12	5/20/2021 12:28:38	rufusa20@gmail.com	Online shopping customer Cloths and Garments	some time very good	good	good	some time good
13	5/20/2021 12:28:53	jaisankar1301@gmail.com	Online shopping customer Cloths and Garments	some time very good	good	good	some time good
14	5/20/2021 12:29:00	sahakadamb29@gmail.com	Online shopping customer very frequently	some time very good	good	good	some time good
15	5/20/2021 12:29:16	omkarchohan180@gmail.com	Online shopping customer Electronic	good	some time very good	some time very good	good
16	5/20/2021 12:29:17	gattalokavya@gmail.com	Online shopping customer very frequently	good	some time very good	some time very good	good
17	5/20/2021 12:29:21	nandini0406@gmail.com	Online shopping customer Grocery	good	good	good	good
18	5/20/2021 12:29:22	agnibanshi23@gmail.com	Online shopping customer Cloths and Garments	some time good	some time good	good	some time good
19	5/20/2021 12:29:26	sumitpoojary19@gmail.com	Online shopping customer Grocery	some time good	some time good	good	some time good
20	5/20/2021 12:29:30	mugdha.kulkarni@gmail.com	Online shopping customer Grocery	some time very good	Always good	some time very good	Always good

Saksharam Muliyil

+73 SK ST SP DM SP

Sneha Thakkar Sumit Poojary (10697) Dr. S. B. Muliyil (Guest)

# DAY 5

The image shows a Zoom meeting interface with two slides displayed. The top slide is titled "Null and Alternative Hypotheses" and the bottom slide is titled "Hypothesis Testing". Both slides are part of a "Certificate Course on Art of Research Paper Writing" and are dated May 21, 2021. The Zoom meeting controls and participant list are visible at the bottom of each slide.

**Slide 1: Null and Alternative Hypotheses**

- A statement about population parameter is termed as **Hypothesis**.
- The **null hypothesis ( $H_0$ )** is a claim of "no difference in the population"
- The **alternative hypothesis ( $H_a$ )** claims " $H_0$  is false"

**Slide 2: Hypothesis Testing**

**Types of Decisions:**

- **Accept** [**Reject**] the **Null hypothesis** [**Alternate hypothesis**];
- **Reject** [**Accept**] the **Null Hypothesis** [**Alternate hypothesis**].

**Types of Errors:**

- **Type I Error ( $\alpha$ ); Type II Error ( $\beta$ )**
- **Level of significance: 5% and 1%**

Certificate Course on Art of Research Paper Writing

01:00:13

Request control

## Two types of Errors

Hypothesis [H0]/ Decision	True	False
Reject H0	Type I Error	Correct Decision
Accept H0	Correct Decision	Type II Error

Dr. Swati Desai (Guest) May 21, 2021 Ex-Prii Dr. Swati Desai LUC,LGC 34

Participants

Invite someone or dial a number

Share invite

Presenters (6) Mute all

- Siddhi Patil Organizer
- Dr. Swati Desai (Guest)
- Rajesh Valeja
- Sarika Sagar
- Sneha Thakkar
- Varsha More

Attendees (85)

- Aarti Egade (Guest)
- Aditi Dalvi (Guest)

Certificate Course on Art of Research Paper Writing

01:02:11

Request control

## Level of significance

Level of Significance is denoted by  $\alpha$ .

$\alpha \equiv$  probability of a Type I error

$\alpha \equiv P[\text{Reject } H_0/H_0 \text{ is true}]$

Level of Significance is expressed in %.

The standard levels are 5% and 1%.

- $(1 - \alpha)$  is confidence level in Confidence limits.

Dr. Swati Desai (Guest) May 21, 2021 Ex-Prii Dr. Swati Desai LUC,LGC 35

Participants

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (82)

- Aarti Egade (Guest)
- Aditi Dalvi (Guest)
- Aishwarya Kale (8837)
- Atanksha darekar (Guest)
- Amogh Joshi (8323)
- Arpita Kadam (9358)
- Asha Kalkar (Guest)
- Arushi More (Guest)



Certificate Course on Art of Research Paper Writing

01:03:19

Request control

## Power of Test

If  $\beta$  denote Probability of a Type II error then  
Power of the test is defined as " $1 - \beta$ "  
 $\equiv$  probability of avoiding a Type II error  
 $1 - \beta = 1 - P(\text{Accept } H_0 \mid H_0 \text{ false})$

Dr. Swati Desai (Guest) May 21, 2021 Ex-Prin Dr. Swati Desai LUC,LGC 36

Participants

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (82)

Aarti Egade (Guest)

Aditi Dalvi (Guest)

Aishwarya Kale (8837)

Akanksha darekar (Guest)

Amogh Joshi (8323)

Arpita Kadam (9358)

Asha Kalkar (Guest)

Ashwini More (Guest)

+82

Sarika Sagar

Sneha Thakkar

Dr. Swati Desai (Guest)

SP

Type here to search

1144 21-05-2021

Certificate Course on Art of Research Paper Writing

01:06:16

Request control

## STEPS IN TESTING PROCEDURE

- 1 • Formulate Null Hypothesis  $H_0$ .
- 2 • Write Alternative Hypothesis  $H_1$ .
- 3 • Decide The Type One tailed or Two tailed

Dr. Swati Desai (Guest) May 21, 2021 Ex-Prin Dr. Swati Desai LUC,LGC 39

Participants

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (81)

Aarti Egade (Guest)

Aditi Dalvi (Guest)

Aishwarya Kale (8837)

Akanksha darekar (Guest)

Amogh Joshi (8323)

Arpita Kadam (9358)

Asha Kalkar (Guest)

Ashwini More (Guest)

+81

Sarika Sagar

Sneha Thakkar

Dr. Swati Desai (Guest)

SP

Type here to search

1146 21-05-2021

Certificate Course on Art of Research Paper Writing

01:09:59

Request control

## STEPS IN TESTING PROCEDURE

- 4 • Decide Level of significance.
- 5 • Obtain Table value at desired level of significance.
- 6 • Obtain the value of Test Statistic.

Dr. Swati Desai (Guest) May 21, 2021 Ex-Pin Dr. Swati Desai LUC,LGC 40

Participants

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (83)

- Aarti Egade (Guest)
- Aditi Dalvi (Guest)
- Aishwarya Kale (8837)
- Akanksha darekar (Guest)
- Amogh Joshi (8323)
- Arpita Kadam (9358)
- Asha Kalkar (Guest)

+83

Sarika Sagar

Sneha Thakkar

Dr. Swati Desai (Guest)

SP

Type here to search

Certificate Course on Art of Research Paper Writing

01:15:23

Request control

## Types of tests of significance

- [I] Based on sample size

Large Sample Tests:  $n \geq 30$

- Z= tests

Small sample tests :  $n < 30$

- t- test, F- test, Chi-square test

Dr. Swati Desai (Guest) May 21, 2021 Ex-Pin Dr. Swati Desai LUC,LGC 44

Participants

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (82)

- Aarti Egade (Guest)
- Aditi Dalvi (Guest)
- Aishwarya Kale (8837)
- Akanksha darekar (Guest)
- Amogh Joshi (8323)
- Arpita Kadam (9358)
- Asha Kalkar (Guest)

+82

Sneha Thakkar

Dr. Swati Desai (Guest)

Pravin Tiwad

PT

SP

Type here to search

Certificate Course on Art of Research Paper Writing

01:15:23

Request control

## Types of tests of significance

- [I] Based on sample size

Large Sample Tests:  $n \geq 30$

- Z= tests

Small sample tests :  $n < 30$

- t- test, F- test, Chi-square test

Dr. Swati Desai (Guest) May 21, 2021 Ex-Pin Dr. Swati Desai LUC,LGC 44

Participants

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (82)

- Aarti Egade (Guest)
- Aditi Dalvi (Guest)
- Aishwarya Kale (8837)
- Akanksha darekar (Guest)
- Amogh Joshi (8323)
- Arpita Kadam (9358)
- Asha Kalkar (Guest)

Certificate Course on Art of Research Paper Writing

01:17:16

Request control

Types of tests of significance

- [IV] Based on the assumption of probability distribution for parameter

Parametric tests

- Z,t,F,Chi-square tests

Non Parametric tests

- Chi-square test Run test, Wilcoxon's test etc

Dr. Swati Desai (Guest) May 21, 2021 Ex Prin Dr. Swati Desai LUC,LGC 47

Participants

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (82)

Aarti Egade (Guest)

Aditi Dalvi (Guest)

Aishwarya Kale (8837)

Akanksha darekar (Guest)

Amogh Joshi (8323)

Arpita Kadam (9358)

Asha Kalkar (Guest)

Ashwini More (Guest)

+82

Sneha Thakkar

Dr. Swati Desai (Guest)

Pravin Tiwad

ST

PT

SP

Type here to search

1157 21-05-2021

Certificate Course on Art of Research Paper Writing

01:20:16

Request control

Most commonly used Tests

- Tests for Mean: One Sample Mean [Z/t-test]; Two Sample Mean [Z/t-test];
- Tests for Proportion: One Sample Proportion [Z/test]; Two Sample Mean [Z/ test];
- Test for Variance or Standard Deviation: One Sample Variance or Standard Deviation [Chi-square test]; Two Sample Variance or Standard Deviation [F-test];
- Test for Correlation coefficient.[t-test]
- ANOVA : One-way ANOVA; Two-way ANOVA
- Chi-square test for Independence of Attributes

Dr. Swati Desai (Guest) May 21, 2021 Ex Prin Dr. Swati Desai LUC,LGC 50

Participants

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (82)

Aarti Egade (Guest)

Aditi Dalvi (Guest)

Aishwarya Kale (8837)

Akanksha darekar (Guest)

Amogh Joshi (8323)

Arpita Kadam (9358)

Asha Kalkar (Guest)

Ashwini More (Guest)

+82

Sneha Thakkar

Dr. Swati Desai (Guest)

Pravin Tiwad

ST

PT

SP

Type here to search

1280 21-05-2021

Certificate Course on Art of Research Paper Writing

01:23:22

Request control

### Uses of t-test

- To test specified value of mean [ $n < 30$ ]
- To test equality of mean: Two sample mean test [ $n_1, n_2 < 30$ ]
- Paired t-test [Before After data]
- To test significance of correlation coefficient

Dr. Swati Desai (Guest) May 21, 2021 Ex Prin Dr. Swati Desai LUC, LGC 52

Participants

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (81)

Aarti Egade (Guest)

Aditi Dalvi (Guest)

Aishwarya Kale (8837)

Akanksha darekar (Guest)

Amogh Joshi (8323)

Arpita Kadam (9358)

Asha Kalkar (Guest)

Ashwini More (Guest)

+81

Sneha Thakkar

Dr. Swati Desai (Guest)

Pravin Tiwad

PT

SP

Type here to search

Certificate Course on Art of Research Paper Writing

12:04 21-05-2021

01:24:44

Request control

### Use of Z-test: Large sample test

- To test specified value of mean [ $n > 30$ ]
- To test equality of mean: Two sample mean test [ $n_1, n_2 > 30$ ]
- To test specified value of proportion
- To test equality of proportions: Two sample proportion test [ $n_1, n_2 > 30$ ]

Dr. Swati Desai (Guest) May 21, 2021 Ex Prin Dr. Swati Desai LUC, LGC 54

Participants

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (81)

Aarti Egade (Guest)

Aditi Dalvi (Guest)

Aishwarya Kale (8837)

Akanksha darekar (Guest)

Amogh Joshi (8323)

Arpita Kadam (9358)

Asha Kalkar (Guest)

Ashwini More (Guest)

+81

Sneha Thakkar

Dr. Swati Desai (Guest)

Pravin Tiwad

PT

SP

Type here to search

Certificate Course on Art of Research Paper Writing

12:05 21-05-2021

Certificate Course on Art of Research Paper Writing

Request control

01:27:13

## Practice example

- A health club advertised a weight reducing program and claimed that this program lose weight in 3 months. To check claim 10 persons who joined health club are chosen at random and their weight before and after program noted. Does the data supports claim? Use 5% level of significance.

May 21, 2021      Ex-Priin Dr. Swati Desai LUC,LGC      64

+81      ST      PT      SP

Type here to search

Certificate Course on Art of Research Paper Writing

1207  
21-05-2021

**Participants**

Invite someone or dial a number

Share invite

Presenters (6)

Attendees (81)

- Aarti Egade (Guest)
- Aditi Dalvi (Guest)
- Aishwarya Kale (8837)
- Akanksha darekar (Guest)
- Amogh Joshi (8323)
- Arpita Kadam (9358)
- Asha Kulkar (Guest)
- Ashwini More (Guest)

Certificate Course on Art of Research Paper Writing

Request control

01:29:16

## Paired t-test

Person No.	Weight before joining club (kg)	Weight after joining club (kg)
1	61	59
2	65	59
3	68	72
4	72	65
5	75	77
6	73	69
7	74	70
8	66	69
9	69	58
10	82	83

- The Null Hyp:  $H_0$ : There is no significant difference in mean weight of members before and after joining the Health Club.
- Weight reducing program is not effective.

May 21, 2021      Ex-Priin Dr. Swati Desai LUC,LGC      65

+80      ST      PT      SP

Type here to search

Certificate Course on Art of Research Paper Writing

1210  
21-05-2021

**Participants**

Invite someone or dial a number

Share invite

Presenters (6)      Mute all

- Siddhi Patil Organizer
- Dr. Swati Desai (Guest)
- Rajesh Valeja
- Sarika Sagar
- Sneha Thakkar
- Varsha More

Attendees (80)

- Aarti Egade (Guest)
- Aarti Dalvi (Guest)



01:31:33

Request control

Participants, Chat, Screen Share, More

Leave

### Notations used

- The variable X is Weight of the person in Kg.
- The Null Hyp:  $H_0$ : There is no significant difference in mean weight of members before and after joining the Health Club means Weight reducing program is not effective.
- Symbolically  $H_0: \mu_{\text{before}} = \mu_{\text{after}}$
- The Alternate Hypothesis is the **claim to be tested**. Weight reducing program lose weight in 3 months. Symbolically  $H_1: \mu_{\text{before}} > \mu_{\text{after}}$  OR  $H_1: \mu_{\text{before}} < \mu_{\text{after}}$
- The type of the test will be **ONE SIDED**.

Dr. Swati Desai (Guest)

May 21, 2021

Ex-Priin Dr. Swati Desai LUC,LGC

88

#### Participants

Invite someone or dial a number

Share invite

Presenters (5)

Attendees (78)

- Aarti Egade (Guest)
- Aditi Dalvi (Guest)
- Aishwarya Kale (8837)
- Akanksha darekar (Guest)
- Arpita Kadam (9358)
- Asha Katkar (Guest)
- Ashwali More (Guest)
- Arpita Gopal (Guest)

+77

ST

PT

RV

SP

Type here to search

Taskbar icons: Edge, File Explorer, Word, PowerPoint, Teams, etc.

System tray: Network, Volume, Date/Time (12:12, 21-05-2021)

01:34:21

Request control

Participants, Chat, Screen Share, More

Leave

### Paired t-test: computation

Person No.	X	Y	d= x-y	d-d-bar	(d-d-bar) <sup>2</sup>
1	61	59	2	-2.7	7.29
2	65	59	6	1.3	1.69
3	68	72	-4	-8.7	75.69
4	72	65	7	2.3	5.29
5	75	77	-2	-6.7	44.89
6	73	69	4	-0.7	0.49
7	74	70	4	-0.7	0.49
8	66	69	-3	-7.7	59.29
9	69	58	11	6.3	39.69
10	82	83	-1	-5.7	32.49
			24	-23	257.3

n	10
d-bar	2.4
S <sup>2</sup>	29.7
S	5.449771
t-statistic	1.392621
degrees of freedom	9
level of significance	5%
t-critical	2.262

Dr. Swati Desai (Guest)

May 21, 2021

Ex-Priin Dr. Swati Desai LUC,LGC

88

#### Participants

Invite someone or dial a number

Share invite

Presenters (5)

Attendees (78)

- Aarti Egade (Guest)
- Aditi Dalvi (Guest)
- Aishwarya Kale (8837)
- Akanksha darekar (Guest)
- Arpita Kadam (9358)
- Asha Katkar (Guest)
- Ashwali More (Guest)
- Arpita Gopal (Guest)

+77

ST

PT

RV

SP

Type here to search

Taskbar icons: Edge, File Explorer, Word, PowerPoint, Teams, etc.

System tray: Network, Volume, Date/Time (12:15, 21-05-2021)

Certificate Course on Art of Research Paper Writing

01:35:08

Request control

Participants

Invite someone or dial a number

Share invite

Mute all

Presenters (3)

- SP Siddhi Patil Organizer
- DD Dr. Swati Desai (Guest)
- RV Rajesh Valeja
- ST Sneha Thakkar
- Varsha More

Attendees (78)

- AE Aarti Egade (Guest)
- AD Aditi Dalvi (Guest)

## Null and Alternate Hypothesis

- Null Hypothesis
- H0: The two attributes are independent.
- H1: The two attributes are NOT independent.
- Test statistic : Chi-square

$$\chi^2 = \sum_{j=1}^n \sum_{i=1}^m \frac{(O_{ij} - E_{ij})^2}{E_{ij}}$$

$$= \sum_{j=1}^n \sum_{i=1}^m \frac{O_{ij}^2}{E_{ij}} - N$$

Dr. Swati Desai (Guest) 21/05/2021 71

+77

ST

Dr. Swati Desai (Guest)

Pravin Tiwad

PT

Rajesh Valeja

RV

SP

Type here to search

Certificate Course on Art of Research Paper Writing

12:16 21-05-2021

Certificate Course on Art of Research Paper Writing

01:37:07

Request control

Participants

Invite someone or dial a number

Share invite

Mute all

Presenters (3)

- SP Siddhi Patil Organizer
- DD Dr. Swati Desai (Guest)
- RV Rajesh Valeja
- ST Sneha Thakkar
- Varsha More

Attendees (77)

- AE Aarti Egade (Guest)
- AD Aditi Dalvi (Guest)

## Decision criteria

- dof = ( m - 1 ) ( n - 1 )
- If  $\chi^2_{cal} < \chi^2_{table}$
- we say that **H0 is accepted**
- **i.e. the attributes are independent.**  
*Otherwise H0 is rejected*
- **i.e. The Attributes are not independent.**

Dr. Swati Desai (Guest) 21/05/2021 73

+76

ST

Dr. Swati Desai (Guest)

Pravin Tiwad

PT

Rajesh Valeja

RV

SP

Type here to search

Certificate Course on Art of Research Paper Writing

12:17 21-05-2021



01:38:02

Request control



Leave

## Yates correction

- In 2 x 2 contingency table if any of the cell frequency is less than 5, Yates correction can be applied.

$$X^2_{\text{corrected}} = \frac{N \left[ |ad - bc| - \frac{N}{2} \right]^2}{(a+b)(c+d)(a+c)(b+d)}$$

Dr. Swati Desai (Guest)

21/05/2021

DR. SWATI DESAI

77

### Participants

Invite someone or dial a number

Share invite

Presenters (5)

Mute all

- SP Siddhi Patil Organizer
- DD Dr. Swati Desai (Guest)
- RV Rajesh Valeja
- ST Sneha Thakkar
- Varsha More

Attendees (79)

- AE Aarti Egade (Guest)
- AD Aditi Dalvi (Guest)

01:43:08

Request control



Leave

**Cross tabulation: Total Experience in Current Firm X Response for Do you Agree: M&A may create complications in allocation of Job responsibilities?**

Total Experience (Current Firm)	M&A may create complications in allocation of Job responsibilities			Total
	Strongly Agree	Agree	Disagree	
Upto 5	78	216	12	306
6-15	66	108	6	180
15 & above	12	24	0	36
<b>Total</b>	<b>156</b>	<b>348</b>	<b>18</b>	<b>522</b>

Dr. Swati Desai (Guest)

21/05/2021

DR. SWATI DESAI

78

### Participants

Invite someone or dial a number

Share invite

Presenters (5)

Mute all

- SP Siddhi Patil Organizer
- DD Dr. Swati Desai (Guest)
- RV Rajesh Valeja
- ST Sneha Thakkar
- Varsha More

Attendees (79)

- AE Aarti Egade (Guest)
- AD Aditi Dalvi (Guest)

Certificate Course on Art of Research Paper Writing

01:44:49

Request control

Participants

Invite someone or dial a number

Share invite

Mute all

Presenters (3)

- Siddhi Patil (Organizer)
- Dr. Swati Desai (Guest)
- Rajesh Valeja
- Sneha Thakkar
- Varsha More

Attendees (77)

- Aarti Egade (Guest)
- Aishwarya Kale (8837)

### Table of Observed frequencies

Total Experience - Current Firm (Years)	Number of respondents			Total
	Strongly Agree	Agree	Disagree	
Upto 5	78	216	12	306
Above 5	78	132	6	216
Total	156	348	18	522

Dr. Swati Desai (Guest)

21/05/2021

DR. SWATI DESAI

80

Certificate Course on Art of Research Paper Writing

01:49:07

Request control

Mute (Ctrl+Shift+M)

Participants

Invite someone or dial a number

Share invite

Mute all

Presenters (5)

- Siddhi Patil (Organizer)
- Dr. Swati Desai (Guest)
- Rajesh Valeja
- Sneha Thakkar
- Varsha More

Attendees (78)

- Aarti Egade (Guest)
- Aditi Dalvi (Guest)

### Interpretation

Data suggest that 'Experience in current Firm' and 'Opinion on M&A may create complications in allocation of Job responsibilities' are NOT independent of each other i.e. **associated** with each other

Dr. Swati Desai (Guest)

21/05/2021

DR. SWATI DESAI

88

01:37:49

Request control



Leave

### Test statistic

- Degrees of Freedom = 1
- If a, b, c, d all are > 5 then

$$X^2 = \frac{N (ad - bc)^2}{(a+b)(c+d)(a+c)(b+d)}$$

Dr. Swati Desai (Guest)

21/05/2021

DR. SWATI DESAI

76

#### Participants

Invite someone or dial a number

Share invite

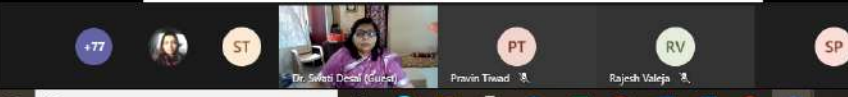
Presenters (3)

Mute all

- SP Siddhi Patil Organizer
- DD Dr. Swati Desai (Guest)
- RV Rajesh Valeja
- ST Sneha Thakkar
- Varsha More

Attendees (78)

- AE Aarti Egade (Guest)
- AD Aditi Dalvi (Guest)
- Ashwini Kote 0927



# DAY 6

**Ethics**

- Deals with values relating to human conduct,
  - In research – it is related in each stages in research
  - W.r.t the rightness and wrongness of actions
  - goodness and badness of the motives and
  - Impact end / outcomes

©Medha Joshi , 22 May 2021, Publ Ethics  
medha joshi (Guest)

**Participants**

Invite someone or dial a number

Share invite

Presenters (5)

Attendees (61)

aashu raikar (Guest)

Aishwarya Kale (8837)

Akaniksha darekar (Guest)

Amogh Joshi (8323)

Anjali Waghmare (Guest)

Arpita Kadam (9358)

**Why publish?**

- Without publication – domain areas cannot progress
- Recognition, placements , promotions
- Sanction of future projects
- Stay ahead in competitive world
- Publications establishes you in the field

©Medha Joshi , 22 May 2021, Publ Ethics  
medha joshi (Guest)

**Participants**

Invite someone or dial a number

Share invite

Presenters (5)

Attendees (65)

Aditi Dalvi (Guest)

Aishwarya Kale (8837)

Akaniksha darekar (Guest)

Amogh Joshi (8323)

Anjali Waghmare (Guest)

Arpita Kadam (9358)

Asha Hadpad (15966)

Certificate Course on Art of Research Paper Writing

35:30

Request control

Participants

Invite someone or dial a number

Share invite

Presenters (4)

Attendees (67)

medha joshi (Guest)

## What is publication ethics

- Publication ethics are rules of conduct generally agreed upon
  - when **publishing** results of scientific research or other scholarly work.
  - it is a standard that protects intellectual property and
  - forbids the re-publication of another's work without proper credit
- An author must be aware of good publication practices.
  - refraining from scientific misconduct or research frauds,
  - authors should adhere to Good Publication Practices (GPP).
  - Publications which draw conclusions from manipulated or fabricated data could prove detrimental to society and health care research.
    - should not be practiced

©Medha Joshi - 22 May 2021, Publ Ethics

medha joshi (Guest)

+6S MS SK AM AK SP

Ashma More (Guest) Asha Kotkar (Guest) medha joshi (Guest)

Type here to search

Certificate Course on Art of Research Paper Writing

11:20 22-05-2021

Certificate Course on Art of Research Paper Writing

42:45

Request control

Participants

Invite someone or dial a number

Share invite

Presenters (4)

Attendees (67)

medha joshi (Guest)

## Publication ethics

- Data fabrication and falsification.
  - Data fabrication - to make up data without conducting actual study
- Plagiarism. ... Several types
- Multiple submissions. ...
- Redundant publications (or 'salam' publications)
- Duplication
- Authorship
- Scientific misconduct
- Conflict of interest

©Medha Joshi - 22 May 2021, Publ Ethics

medha joshi (Guest)

+64 ER MS SK AM AK SP

Madhu singh (Guest) Shital Kamble (15635) Ashma More (Guest) Asha Kotkar (Guest) medha joshi (Guest)

Type here to search

Certificate Course on Art of Research Paper Writing

11:27 22-05-2021



Certificate Course on Art of Research Paper Writing

45:44

Request control

Show participants

## Why do ethical issues arise

- Journals exist to enhance publication / research
- Enhance seniority and income
- Enhance company profiles and profits
- Enhance publishers' profits/ profiles  
- Harvey Marcovitch, COPE

©Medha Joshi , 22 May 2021\_Pubn Ethics

medha joshi (Guest)

+66 ER MS SK AM AK SP

Madhu singh (Guest) Shital Kamble (15635) Admal More (Guest) Asha Kotkar (Guest) medha joshi (Guest)

Type here to search

11:31 22-05-2021

Certificate Course on Art of Research Paper Writing

50:25

Request control

Show participants

## Publication Ethics

- Misconduct - in research processes, & publications
- Authorship and contributor-ship - Guest , ghost,
- Conflicts of interest - hide COI, reap benefits, wrong message
- Data and reproducibility – stealing, falsification, fraudulent, misinterpretation, etc.

©Medha Joshi , 22 May 2021\_Pubn Ethics

medha joshi (Guest)

+67 ER MS SK AM AK SP

Madhu singh (Guest) Shital Kamble (15635) Admal More (Guest) Asha Kotkar (Guest) medha joshi (Guest)

Type here to search

11:35 22-05-2021

01:04:53

Request control

## When Does Plagiarism Occur ?

- Present someone else's work as your own
- Copying words or ideas
- Giving incorrect source
- Changing words but copying the sentence structure of a source
- Inappropriate paraphrasing
- Failing to put a quotation in quotation marks “ ”

© Medha Joshi , 22 May 2021, Publ Ethics

18

medha joshi (Guest)

01:11:52

Request control

## Example 1 Word to word

### Original

- "Freeman and slave, patrician and plebeian, lord and serf, guild-master and journeyman, in a word, oppressor and oppressed, stood in constant opposition to one another."  
Marx, K., Engels, F., & Berman, M. (2011). Communist manifesto. New York: Penguin Books.

### Plagiarized

- Freeman and slave, patrician and plebeian, lord and serf, guild-master and journeyman, in a word, oppressor and oppressed, stood in constant opposition to one another.

### Note -

- No words have been changed.
- There is no reference to a source, no quotation marks.

Cited from <https://studycart24.com/finding-examples-of-plagiarism/>, accessed 5 Aug 2020

© Medha Joshi , 22 May 2021, Publ Ethics

21

medha joshi (Guest)





Certificate Course on Art of Research Paper Writing

01:17:59

Request control

Examples Plagiarism cases

Dr. S.K. Sahoo - retracted following highly unethical practices such as -  
 Serial self plagiarism,  
 Data manipulation and Falsification of results. ( Parhi Priyambada, Mohanty Chandana, Kumar Sahoo Sanjeeb (2013).  
 "Retraction notice to "Enhanced cellular uptake and in vivo pharmacokinetics of rapamycin loaded cubic phase nanoparticles for cancer therapy" [Acta Biomaterialia 7 (2011) 3656-3669]". Acta Biomaterialia, 9 (6): 7078. doi:10.1016/j.actbio.2013.04.006. P MID 23802321).

Retraction Note | Published: 17 July 2011  
 Retraction Note: Gold nanoparticles inhibit vascular endothelial growth factor-induced angiogenesis and vascular permeability via Src dependent pathway in retinal endothelial cells  
 Authors: K. Srinivasan, S. Srinivasan, S. Srinivasan, S. Srinivasan, S. Srinivasan, S. Srinivasan, S. Srinivasan, S. Srinivasan, S. Srinivasan, S. Srinivasan  
 Angiogenesis 14, Article number: 409 (2011) | [Digital Object Identifier \(DOI\)](#)  
 1745 Accesses | 3 Altmetrics | [Metrics](#)  
 Retraction to: Angiogenesis DOI 10.1007/s10456-010-9193-x

©Medha Joshi, 22 May 2021\_Pubin Ethics

Participants

Invite someone or dial a number

Share invite

Presenters (5) Mute all

- Siddhi Patil (Organizer)
- Afreen Eksambi
- medha joshi (Guest)
- Sarika Sagar (On hold)
- Varsha More

Attendees (63)

- Aditi Dalvi (Guest)
- Aishwarya Kale (8837)
- Abhinava dhumal (Guest)

medha joshi (Guest)

Asha Katkar (Guest)

medha joshi (Guest)

Type here to search

Certificate Course on Art of Research Paper Writing

01:19:46

Request control

Show participants

Observations

- Year apart publications
- Conf. proceedings – grey literature \_ not/ never indexed
- Web based journals – grey area - not indexed
- Difficult to trace copying.
- Action – publication retracted, announced in all association bulletins, written apologies from defaulter to President of association, original author and editor.
- The apology was published in newsletter.

©Medha Joshi, 22 May 2021\_Pubin Ethics

medha joshi (Guest)

Participants

Presenters (5) Mute all

- Siddhi Patil (Organizer)
- Afreen Eksambi
- medha joshi (Guest)
- Sarika Sagar (On hold)
- Varsha More

Attendees (63)

- Aditi Dalvi (Guest)
- Aishwarya Kale (8837)
- Abhinava dhumal (Guest)

medha joshi (Guest)

Madhu singh (Guest)

Ashwani More (Guest)

Asha Katkar (Guest)

Sarika Sagar

medha joshi (Guest)

Type here to search

01:21:50

Request control



Leave

## Self-Plagiarism

- Reuse ones own previously written work or data in new work
  - without indication that the material has appeared elsewhere - **DECEIVING THE READERS**
- **Redundant & duplicate (Dual) publications** - the same paper in more than one journal, without any indication
  - **ACADEMIC DISHONESTY** is known as 'double dipping'
    - substantial portion of a paper to fulfill a course requirement
- **Salami-slicing - data fragmentation**
  - *A large study which should have been reported in a single paper is published into smaller studies*
- **Copyright infringement**
- **Text recycling**

©Medha Joshi, 22 May 2021\_Pubin Ethics

20

medha joshi (Guest)

+59

ER

MS

AM

AK

Sarika Sagar

medha joshi (Guest)

SP

Type here to search

ENG 12:06 22-05-2021

01:24:37

Request control



Leave

Show participants

### Example

## Self citation / self plagiarism

- Vaidynathan – from Chennai – Received 94% citation from his own or co-authors pubn. (PLOS STUDY, 2017)
- Several studies show self citation as obstacle in exact calculations of impact indices – the un-necessarily inflate index
- Options were suggested by researchers
- But none is full proof

©Medha Joshi, 22 May 2021\_Pubin Ethics

30

medha joshi (Guest)

+57

ER

MS

AM

AK

Sarika Sagar

medha joshi (Guest)

SP

Type here to search

ENG 12:09 22-05-2021

01:24:50

Request control



## Self Citations – Challenge

- Defining is difficult- ex. Multiple co-authors – elimination is difficult
- "Ranking scientists is not good for science"- Cassidy Sugumoto, Indiana Univ .
- 'Citation Farms', in which clusters of scientists massively cite each other -
- Gain high scores using unethical practices - excessive self-citations and groups of academics citing each others
- Inflates citations index
- S - index on lines of h-index
- Ask editors & reviewers to look out for unjustified self citations

Source – Van Noorden P, and Chawla D S, NATURE | Vol. 572, pg- 577-79 | 29 August 2019

©Medha Joshi ,22 May 2021, Publ Ethics

31

medha joshi (Guest)

01:28:04

Request control



## Example Salami slicing

- Reviewer noticed similarity between a published paper (P1) and a manuscript under review (P2).
- A member of the editorial team noticed similarity between another accepted manuscript for publication (P3) and both paper P1 and manuscript P2.
- All three papers were submitted by the same authors
  - based on the same study,
  - reporting **three different endpoints measuring the same effect.**
  - The earlier paper P1 reported the results on **the most accepted and validated efficacy measures. The latter manuscripts reiterated the findings but did not cite the same.**
  - Results were **contradictory**
- P2 and P3 were put on hold and followed the COPE guidelines.
  - Clarifications were asked from authors
  - Combined papers suggested with modification by Editorial board

©Medha Joshi ,22 May 2021, Publ Ethics

34

medha joshi (Guest)



## Example - Paraphrases

1. Most cognitive scientists, whether they are neuroscientists or psychologists or artificial intelligence researchers, tend to avoid questions about consciousness by focusing mainly on peripheral and subordinate systems of the mind/brain, which are thought to assist a mysterious center where consciousness and subjective experience happen. The effect of this is to leave too much of the mind's work for the center, and this means that theorists understate how much understanding must be done by the outer systems of the brain (Dennett 39).
2. The problem with cognitive science today is that researchers focus on the peripheral and subordinate systems of the mind/brain without clarifying how these are connected to the brain's center, the place where conscious thought and experience take place. The result is that they leave too much of the mind's work to be done in some dimly imagined "center." This fuzziness about whether there is a control center leads them to underplay the mind's work that must be accomplished by the relatively peripheral systems of the brain (Dennett 39).

©Medha Joshi, 22 May 2021, Pula Ethics 39

medha joshi (Guest)

+56 ER MS AM AK SP

Madhu singh (Guest) Adhmal More (Guest) Asha Katkar (Guest) Sarika Sagar medha joshi (Guest)

## Paraphrasing

- Differentiation as an instructional approach promotes a balance between a student's style and a student's ability. Differentiated instruction provides the student with options for processing and internalizing the content, and for constructing new learning in order to progress academically.
- Differentiation is a way to encourage equality between the approach and talent of the student (Thompson, 2009). This type of instruction gives students different ways to deal with and grasp information, and for establishing new learning to move on in education (Thompson, 2009).

Source - Walden Univ. website - <https://academicguides.waldenu.edu/writingcenter/evidence/citations/copypaste>

©Medha Joshi, 22 May 2021, Pula Ethics 40

medha joshi (Guest)

+55 ER MS AM AK SP

Madhu singh (Guest) Adhmal More (Guest) Asha Katkar (Guest) Sarika Sagar medha joshi (Guest)



## Plagiarizing – quotes

- The tweet caption read, "Eat. Sleep. Dominate. Repeat. The name is Hardik. Hardik Pandya."
  - Ranveer Singh
- Manager of WWE heavyweight Brock Lesnar, threatened to file a lawsuit for using a phrase that both he and Lesner had copyrighted.
  - the words "Eat. Sleep. Conquer. Repeat."

©Madhu Joshi . 22 May 2021\_Pulin Ethics 43

medha joshi (Guest)

+56 ER MS AM AK SP

Madhu singh (Guest) Adhmal More (Guest) Adha Katkar (Guest) Sarika Sagar medha joshi (Guest)

## Does plagiarism hurt ?

- It hurts the owner, because he / she is not given recognition of their work / ideas,

**BUT**

- It hurts the most to plagiarizers!
  - Discredits work
  - Black-listed by publishers
  - Loose academic qualification
  - Refusal to confer with Degree
  - Ethics Committees may debar - not review future research
  - Bad reputation for ever
  - Legal battle

©Madhu Joshi . 22 May 2021\_Pulin Ethics 54

medha joshi (Guest)

+56 ER MS AM AK SP

Madhu singh (Guest) Adhmal More (Guest) Adha Katkar (Guest) Sarika Sagar medha joshi (Guest)



01:40:09

Request control

Leave

## Guidelines

- Uniform requirements for manuscripts submitted to biomedical journals – ICJME – [icjme.org](http://icjme.org)
  - Discourages abstracts
- University Policies for thesis
- Author guidelines for individual journals
- Institutional policies

medha joshi (Guest)

Participant avatars: +56, ER, MS (Madhu Singh), AM (Adhmal More), AK (Asha Katkar), Sarika Sagar, medha joshi (Guest), SP

Windows taskbar: Type here to search, Edge, File Explorer, Mail, Word, PowerPoint, Teams, Chrome, Firefox, Zoom, OneDrive, ENG, 12:24, 22-05-2021

01:42:24

Request control

Leave

## What is citation ?

- Citation is a way to tell readers the thought / idea presented in MSS came from another source
  - Provides address of the sources – to enable readers to locate the original work
  - Provides inform – author, title, and where it has been published
- Citation – a reference to published / unpublished source.
- It is denoted – numerically or alpha-numerically in the text, to acknowledge / give credit to the original work of intellect

medha joshi (Guest)

Participant avatars: +55, ER, MS (Madhu Singh), AM (Adhmal More), AK (Asha Katkar), Sarika Sagar, medha joshi (Guest), SP

Windows taskbar: Type here to search, Edge, File Explorer, Mail, Word, PowerPoint, Teams, Chrome, Firefox, Zoom, OneDrive, ENG, 12:27, 22-05-2021

01:44:11

Request control



Leave

## When do I need to cite?

### IF

- Quoting directly from the text (*Use quotation marks, & cite*)
- Two or more words verbatim, unique to the source is quoted
- Facts from a source are quoted or introduced
- Ideas, interpretations, conclusions are paraphrased or summarized
- Tables and charts are amended
- Lab method is modified, used and reported
- Computer program is used to build another code by alterations/ modifications

### *Do not use quotation marks, but still cite if you:*

- Paraphrase (restate)
- Summarize
- Provide facts that are not *common knowledge*.

©Medha Joshi, 22 May 2021, Platin Ethics

65

medha joshi (Guest)

01:45:34

Request control



Leave

Unmute (Ctrl+Shift+M)

## Citing helps

- Establishes credibility
- By acknowledging others, clearly distinguishes them from your own
- Receive credit for what you *have* done
- Ideas are established in academic environment
- Finding cited source is easy

©Medha Joshi, 22 May 2021, Platin Ethics

72

medha joshi (Guest)

Certificate Course on Art of Research Paper Writing

01:46:25

Request control

Share

Leave

## Citation styles

- Is a standardised system for referring sources
- There are several different citation styles developed by professional organisations
- Institutions, publishers and University Departments generally stipulate which style to use for your subject
- Author-date style (Harvard)
- Author-number style (Vancouver)

Use Citation management Tools -  
Mendeley  
Zotero  
End Note  
Reference Manager

medha joshi, 22 May 2021\_Pubn Ethics 73

Participants

Invite someone or dial a number

Share invite

Presenters (4) Mute all

- Siddhi Patil (Organiser)
- medha joshi (Guest)
- Sanika Sagar
- Varsha More

Attendees (58)

- Aarti Egade (Guest)
- Aditi Dalvi (Guest)
- Aishwarya Kale (8837)
- Abhishek...

medha joshi (Guest)

Asha Kerkar (Guest)

medha joshi (Guest)

YUKTA MURKAR (Guest)

SP

Type here to search

Certificate Course on Art of Research Paper Writing

01:46:35

Request control

Share

Leave

## Citing styles. - Commonly used

- Author-date style (Harvard)
- Author-number style (Vancouver)
- ACS: American Chemical Society
- AIP: American Institute of Physics
- APA: American Psychological Association (social sciences) (e.g. psychology or education & Sciences).
- Chicago notes and bibliography - history
- Chicago/Turabian (various disciplines) generally used by Business, History, and the Fine Arts.
- CSE: Council of Science Editors (various sciences)
- MLA (Modern Language Association) - humanities (e.g. literature or languages)

medha joshi, 22 May 2021\_Pubn Ethics 74

Participants

Invite someone or dial a number

Share invite

Presenters (4) Mute all

- Siddhi Patil (Organiser)
- medha joshi (Guest)
- Sanika Sagar
- Varsha More

Attendees (58)

- Aarti Egade (Guest)
- Aditi Dalvi (Guest)
- Aishwarya Kale (8837)
- Abhishek...

medha joshi (Guest)

Asha Kerkar (Guest)

medha joshi (Guest)

YUKTA MURKAR (Guest)

SP

Type here to search

Certificate Course on Art of Research Paper Writing

01:47:51

Request control

Participants

Invite someone or dial a number

Share invite

Presenters (4) Mute all

- Siddhi Patil Organizer
- medha joshi (Guest)
- Sarika Sagar
- Varsha More

Attendees (58)

- Aarti Egade (Guest)
- Aditi Dalvi (Guest)
- Aishwarya Kale (8837)

medha joshi (Guest)

## The Harvard Referencing style

- The most commonly used system in College
- Also known as the "author date system"
- Specific rules for textual citations
- Specific rules for listing references at the end of the essay / article

©Medha Joshi . 22 May 2021, Pulin Ethics 76

medha joshi (Guest)

Asha Kerkar (Guest)

medha joshi (Guest)

YUKTA MURKAR (Guest)

SP

Type here to search

Certificate Course on Art of Research Paper Writing

01:50:35

Request control

Participants

Invite someone or dial a number

Share invite

Presenters (4) Mute all

- Siddhi Patil Organizer
- medha joshi (Guest)
- Sarika Sagar
- Varsha More

Attendees (58)

- Aarti Egade (Guest)
- Aditi Dalvi (Guest)
- Aishwarya Kale (8837)

medha joshi (Guest)

## How to avoid plagiarism

Understand types of plagiarisms	Write your own , from Scratch	Use quotation marks
Paraphrase and summarize	Always cite	Provide complete reference
Check MSS with plagiarism checker	Seek help and advise from seniors or librarians	

©Medha Joshi . 22 May 2021, Pulin Ethics 81

medha joshi (Guest)

Ashwani More (Guest)

Sarika Sagar

Asha Kerkar (Guest)

medha joshi (Guest)

YUKTA MURKAR (Guest)

SP

Type here to search

Simply said,

“If you didn’t think of it and write it all on your own,  
and you didn’t cite the sources where you found the *ideas* or  
*words*,

it’s probably *plagiarism*.”

Lathrop, A, and Foss, K. (2000). Student Cheating and Plagiarism in the Internet Era. Englewood, CO: Libraries Unlimited, Inc., 116.

©Medha Joshi, 22 May 2021, Pula Ethics 83

medha joshi (Guest)

+54 ER MS AM Ashmail More (Guest) Sarika Sagar AK Adha Katkar (Guest) medha joshi (Guest) YUKTA MURKAR (Guest) SP



# DAY 7

**SESSION CONTENT**

- Overview of Research Paper Writing
- The Structure of a Research Paper
- Composing Your Paper Sections
- Tips for Improving Quality of Writing
- <https://www.menti.com/nsyz88yocb>
- Go to [www.menti.com](http://www.menti.com) and use the code 9325 1785

**OVERVIEW OF A RESEARCH PAPER**

**"What should a research paper do?"**

- **Share the knowledge** you have gained about a **specific area of study** with other researchers
- Show how your study fits into **current science**.
- **Inform the public** about important scientific activity.
- Explain clearly and succinctly the **context** of your study, including relevant **literature** (Introduction), the **methods** used for research and **analysis** (Methods), the findings of your study (Results), and the implications for these results and further research that might be needed (Discussion and Conclusion).

Certificate Course on Art of Research Paper Writing

47:04

Request control

# COHERENCE

- All of the parts of your paper should fit together in an order that makes sense.
- Include all necessary information in each section needed to understand the other sections.
- Do not repeat information unless it is necessary.
- Ensure that your sentences are grammatically and logically coherent.

Participants

Invite someone or dial a number

Share invite

Presenters (4)

Attendees (59)

Aditi Dalvi (Guest)

Aishwarya Kale (8837)

Amogh Joshi (8323)

Ashjali More (Guest)

Ashwini Dolas (15749)

Atharva Dangat (16312)

Bhakti Gavankar (15620)

Ashwini Dolas (Guest)

+57 SR AM DG SP

Ashjali More (Guest) Deepak Gangani (15543) Bajjeet Kaur

Type here to search


11:31 24-05-2021

Certificate Course on Art of Research Paper Writing

50:04

Take control

## How to write an outline for your research paper



edPage insights

Participants

Invite someone or dial a number

Share invite

Presenters (4)

Attendees (58)

Aditi Dalvi (Guest)

Aishwarya Kale (8837)

Amogh Joshi (8323)

Ashjali More (Guest)

Ashwini Dolas (15749)

Atharva Dangat (16312)

Bhakti Gavankar (15620)

Ashwini Dolas (Guest)

+56 SR AM DG AE SP

Deepak Gangani (15543) Afreen Eksambi Bajjeet Kaur

Type here to search

7 of 43

11:34 24-05-2021




Certificate Course on Art of Research Paper Writing

50:36

Take control

4. Structure your manuscript



ed/tage insights

7 of 43

Baljeet Kaur

+56 SR AM DG AE SP

Deepak Gangan (15543) Afreen Eksambi

Mute participant  
Pin  
Spotlight

Participants

Invite someone or dial a number

Share invite

Presenters (4)

Attendees (58)


- AD Aditi Dalvi (Guest)
- Aishwarya Kale (8837)
- AJ Amogh Joshi (8323)
- AM Ashmali More (Guest)
- AD Ashwini Dolac (15749)
- Atharva Dangat (16312)
- Bhakti Gavankar (15620)
- Asmita Gosavi (Guest)

Certificate Course on Art of Research Paper Writing

52:48

Request control

1 Make a list of all the sections in your paper.



Introduction  
Methods  
Results  
And  
Discussion  
+  
conclusion

ed/tage Insights

Baljeet Kaur

+57 SR AM DG AE BK SP

Deepak Gangan (15543) Afreen Eksambi Baljeet Kaur

Participants

Invite someone or dial a number

Share invite

Presenters (4)

Attendees (59)

- AD Aditi Dalvi (Guest)
- Aishwarya Kale (8837)
- AJ Amogh Joshi (8323)
- AM Ashmali More (Guest)
- AD Ashwini Dolac (15749)
- AG Asmita Gosavi (Guest)
- Atharva Dangat (16312)
- Bhakti Gavankar (15620)

Certificate Course on Art of Research Paper Writing

53:50 Request control

**RESULTS**

Results for method 1

Results for method 2

ed/tage Insights

Participants

Invite someone or dial a number

Share invite

Presenters (4)

Attendees (59)

AD Aditi Dalvi (Guest)

Aishwarya Kale (8837)

AJ Amogh Joshi (8323)

AM Ashmali More (Guest)

AD Ashwini Dolas (15749)

AG Asmita Gosavi (Guest)

Atharva Dangat (16312)

Deepak Gangan (15543)

Afreen Eksambi

Baljeet Kaur

SP

Certificate Course on Art of Research Paper Writing

58:10 Request control

**RELEVANCE**

- As you do research you will notice that there are a great many pieces of information and data you **COULD** include in your paper. However, you need to conform to length guidelines and keep your paper focused. **Therefore, you should be sure that you are choosing a proper number of items to focus on for each section.**
- For example,** if your study has **10** results but your paper can only be **4,000 words**, you might want to narrow down these results to **only those that support your hypothesis, perhaps the 3-5 most important results.**
- The same applies to the Introduction, where you must choose **what background, context, and relevant literature to include.** Be sure to only include information that gives readers a focused and relevant understanding of your area of study.

Participants

Invite someone or dial a number

Share invite

Presenters (4)

Attendees (61)

AD Aditi Dalvi (Guest)

Aishwarya Kale (8837)

AJ Amogh Joshi (8323)

AM Ashmali More (Guest)

AD Ashwini Dolas (15749)

AG Asmita Gosavi (Guest)

Atharva Dangat (16312)

Deepak Gangan (15543)

Afreen Eksambi

Baljeet Kaur

SP

Certificate Course on Art of Research Paper Writing

01:01:04

Request control

Wordvice

### SCIENTIFIC PAPER

**1** INTRODUCTION: What is known? (Our understanding of the world)

**2** What is unknown? (What's the gap we want to fill?)

**3** How and why should we fill the gap? (Your rationale and purpose/hypothesis)

**4** METHODS: What did you do? (What results did you get?)

**5**

**6** DISCUSSION: How do the results fill the gap?

**7** CONCLUSION: What does this mean

## THE STRUCTURE OF A RESEARCH PAPER

Wordvice

Baljeet Kaur

+58 KB SR AM DG AE SP

sakshi rohokale (Guest) Adhmal More (Guest) Deepak Gangan (15543) Aftreen Elkambi Baljeet Kaur

Type here to search

Certificate Course on Art of Research Paper Writing

01:10:25

Request control

Show participants

# METHODS SECTION

**What does it do?**

- \*Tells how you did the study—what materials and methods of research and analysis were used.

**When do you write it?**

- \*First section you write—after preparing your figures and tables

Baljeet Kaur

+64 KB SR AM DG AE SP

sakshi rohokale (Guest) Adhmal More (Guest) Deepak Gangan (15543) Aftreen Elkambi Baljeet Kaur

Type here to search

ENG 1155 24-05-2021

**Quiz #2-1** Which statement about Methods is NOT true?

- a. Headings are sometimes used in the Methods section.
- b. Methods are organized chronologically and by order of importance.
- c. The Methods section describes how experiments were done.
- d. The Methods contains information about research findings.

Participant avatars: +62, KB, SR, AM, DG, AE, SP

Windows taskbar: Type here to search, [Icons], 12:04 24-05-2021

# DISCUSSION/CONCLUSION SECTION

**What does it do?**

- \*Explains what your findings mean and what the implications and importance are both to your specific area of research and in a broader context (i.e., to the wider field or to society ).
- \*Includes limitations to your study and discusses possible future research that is needed to answer your research question more clearly and address closely related questions.

**When do you write it?**

- \*After the Results Section and before the Introduction

Participant avatars: +64, KB, SR, AM, DG, AE, SP

Windows taskbar: Type here to search, [Icons], 12:08 24-05-2021

Certificate Course on Art of Research Paper Writing

01:39:05 Request control

# ORGANIZATION OF RESULTS

Write the Results in the same order as you wrote your Methods. One trusted method of writing the results is addressing specific research questions presented in the figures. Within each research question, present the type of data that addresses that research question.

**Sample research question asked in a survey:**

*"What do hospital patients over age 55 think about postoperative care?"*

**Present this answer as a statement based on the data:**

*"Hospital patients over the age of 55 were 30% more likely to report negative experiences after postoperative care (N=83; see Fig. 1)."*

**Elaborate on this finding with secondary information included in the same paragraph:**

*"The most common negative issues reported were inattention by nurses, lack of proper medicine and a prolonged waiting period for personal issues (P>12), (W>13), and (D>10); see Fig. 3)."*

**Caption your figures with the same method, using the data and research question to create phrases that give context to the data:**

*"Figure 1. Attitudes towards postoperative care in patients over the age of 55."*

Participants

Invite someone or dial a number

Share invite

Waiting in lobby (1)

prachi kadlag (Guest) Admitting...

Presenters (5) Mute all

Siddhi Patil Organizer

Afreen Eksambi

Baljeet Kaur Outside your organization

Rajesh Valeja

Sneha Thakkar

Attendees (62)

Aditi Dalvi (Guest)

+61 SR AM DG AE BK SP

Deepak Ganjan (15543) Afreen Eksambi Baljeet Kaur

Type here to search

Certificate Course on Art of Research Paper Writing

01:50:26 Request control

# STEP 5: WRITE THE INTRODUCTION

The Introduction might be the most important section of the body of your paper—it comes first and introduces what you will be doing, telling readers why your work is important.

**A good introduction should:**

- Establish the context of the work
- State the purpose of the work in the form of a hypothesis, question, or problem investigated
- Give aims and rationale for your approach

Participants

Invite someone or dial a number

Share invite

Presenters (5) Mute all

Siddhi Patil Organizer

Afreen Eksambi

Baljeet Kaur Outside your organization

Rajesh Valeja

Sneha Thakkar

Attendees (64)

Aditi Dalvi (Guest)

Aishwarya Kale (8837)

+63 SR AM DG AE BK SP

Deepak Ganjan (15543) Afreen Eksambi Baljeet Kaur

Type here to search



Certificate Course on Art of Research Paper Writing

01:54:46 Request control

# IMPROVING QUALITY OF WRITING

In order to write an effective research paper, authors need to know what areas of their writing to improve, and this includes **avoiding grammar and style errors**

Participants: Siddhi Patil (Organizer), Afreen Eksambi, Baljeet Kaur (Outside your organization), Rajesh Valeja, Sneha Thakkar, Aditi Dalvi (Guest), Aishwarya Kale (8837)

Certificate Course on Art of Research Paper Writing

01:55:01 Request control

## Scientific Writing: a Verb Tense Review

<b>1 Abstract</b> <b>Past</b> To talk about actual results. <b>Present</b> To talk about general facts, the paper itself or analysis of findings.	<b>2 Introduction</b> <b>Present</b> To talk about general background information. <b>Present Perfect</b> To talk about previous research.	<b>3 Methods</b> <b>Past</b> To talk about what you did. TIP: passive voice is common. <b>Present</b> To explain diagrams/figures. Ex: Table 1 shows...
<b>PAST</b> To talk about events that have been completed. Ex1: We <b>found</b> that... Ex2: Protocol X <b>was followed</b> (Passive voice)	<b>PRESENT</b> To talk about events that are general fact, discuss current meanings, and suggest future applications. Ex1: Insulin and glucagon <b>regulate</b> blood glucose levels. Ex2: Increased hormone production <b>indicates</b> ...	
<b>PRESENT PERFECT</b> To talk about events that started in past but are still ongoing or recently completed. Ex: Many experiments <b>have focused on</b> ...	<b>4 Results</b> <b>Past</b> To talk about actual results. <b>Present</b> To explain diagrams/figures. Ex: Table 1 shows...	<b>5 Discussion</b> <b>Present</b> To interpret and talk about significance of findings. <b>Past</b> To briefly summarize findings.
	<b>6 Conclusion</b> <b>Past</b> To refer to your completed research. <b>Present</b> To talk about implications and suggest future research.	

Participants: Siddhi Patil (Organizer), Afreen Eksambi, Baljeet Kaur (Outside your organization), Rajesh Valeja, Sneha Thakkar, Aditi Dalvi (Guest), Aishwarya Kale (8837)



Certificate Course on Art of Research Paper Writing

02:00:06

Request control

Unmute (Ctrl+ Shift+M)

## Steps For Effective Presentation

- Identifying the core message & Decide the Appropriate message.
- Choose appropriate conference and get the information.
- Make a plan & stick to it.
- Prepare the abstract & submit.
- Draft the content for slides and speech.
- Practice and seek Feedback.
- Familiarize with hall & Audio visual systems.
- Deliver the Presentation.



Participants

Invite someone or dial a number

Share invite

Presenters (5)

- Siddhi Patil (Organiser)
- Afreen Eksambi
- Baljeet Kaur (Outside your organisation)
- Rajesh Valeja
- Sneha Thakkar

Attendees (65)

- Aditi Dalvi (Guest)
- Aishwarya Kale (8837)

+64 SR AM DG AE BK SP

Deepak Gangan (15543) Afreen Eksambi Baljeet Kaur

Type here to search

Certificate Course on Art of Research Paper Writing

02:04:33

Request control

Unmute (Ctrl+ Shift+M)


Home Templates Discover

Create a design

### All your designs

Recommended for you

- All your designs
- Recent designs
- Shared with you
- Brand kit
- All your folders
- Trash
- Baljeet Kaur's Team
- Invite members
- Try Canva Pro



Participants

Invite someone or dial a number

Share invite

Presenters (5)

- Siddhi Patil (Organiser)
- Afreen Eksambi
- Baljeet Kaur (Outside your organisation)
- Rajesh Valeja
- Sneha Thakkar

Attendees (64)

- Aditi Dalvi (Guest)
- Aishwarya Kale (8837)

+63 SR AM DG AE BK SP

Deepak Gangan (15543) Afreen Eksambi Baljeet Kaur

Type here to search

02:18:29 Request control

Certificate Course on Art of Research Paper Writing

Participants

Invite someone or dial a number

Share Invite

Presenters (5) Mute all

- SP Siddhi Patil Organizer
- AE Afreen Eksambi
- BJ Bajjeet Kaur Outside your organization
- RV Rajesh Valeja
- ST Sneha Thakkar

Attendees (57)

- AD Aditi Dalvi (Guest)

Sr.No	Print Journals (Not Included in UGC-CARE List)	Online Journals (Not Included in UGC-CARE List)
1.	<p>Dr. Anjali</p> <p>Language: Hindi</p> <p>Publication: Pigeon Forge Press</p> <p>ISSN: 249-2334</p> <p>URL: NA</p>	<p>Dr. Anjali</p> <p>Language: Hindi</p> <p>Publication: Pigeon Forge Press</p> <p>ISSN: 249-2334</p> <p>URL: <a href="#">http://www.pigeonforgepress.com</a></p>
2.	<p>Dr. Anjali</p> <p>Language: Hindi</p> <p>Publication: Pigeon Forge Press</p> <p>ISSN: 249-2334</p> <p>URL: NA</p>	<p>Dr. Anjali</p> <p>Language: Hindi</p> <p>Publication: Pigeon Forge Press</p> <p>ISSN: 249-2334</p> <p>URL: <a href="#">http://www.pigeonforgepress.com</a></p>
3.	<p>Dr. Anjali</p> <p>Language: Hindi</p> <p>Publication: Pigeon Forge Press</p> <p>ISSN: 249-2334</p> <p>URL: NA</p>	<p>Dr. Anjali</p> <p>Language: Hindi</p> <p>Publication: Pigeon Forge Press</p> <p>ISSN: 249-2334</p> <p>URL: <a href="#">http://www.pigeonforgepress.com</a></p>

Bajjeet Kaur

+57 RV ST AE SP

Type here to search

13:03 24-05-2021



# Certificate of Completion

## DNYANASADHANA, THANE (SOCIETY)

EST.: 1980 (Reg. No. MAH / 759/ THN)

This is to certify that Mr/Ms **GOTHANKAR SHUBHAM VIJAY**  
of **S.Y.B.A.F** class has successfully completed the Certificate Course in  
**Art of Research Paper Writing**

with **A** grade, conducted by the Department of **Bachelor of Accounting & Finance**  
from **17/05/2021** to **24/05/2021**.

Date: **29/05/2021**

**Course Coordinator**

**IQAC Coordinator**

**I/c Principal**

**Secretary,  
Dnyanasadhana Trust**