

**R. J. College of Arts, Science and Commerce (Autonomous)**

**Department of Economics**

**Value Added Course in Research Methodology and Quantitative Techniques**

**17<sup>th</sup> April'23 to 26<sup>th</sup> April'23**

**NOTICE**

Department of Economics is conducting a Value Added Course in Research Methodology and Quantitative Techniques from 17<sup>th</sup> April'23 to 26<sup>th</sup> April'23. The course is open for the students from TYBA (Economics) and TYBCom of AY 2022-23. The course work will be conducted in the computer laboratory to give the students a hands-on training in research skills and use of IT in the same. The timing of the sessions will be 8am to 10am.

Kindly take a note that only those students would be eligible for 2 additional credits and a certificate who:

- Attend the required number of lectures
- Submit all the assignments

Students interested are requested to fill up the following google form.

<https://forms.gle/fcuXVcDzb4MqcxPT9>



**Dr. Sucheta Joshi**

**Head, Department of Economics**





PRINCIPAL  
RAMNIRANJAN JHUNJHUNWALA COLLEGE  
OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)  
Ghatkopar (W), Mumbai-400 086, Maharashtra, INDIA

**2019: Star College Status by DBT**

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Affiliated to UNIVERSITY OF MUMBAI || NAAC Re-Accredited 'A' Grade (CGPA: 3.50)

## Brochure



AY 2020 Onwards

### Hindi Vidya Prachar Samiti's RAMNIRANJAN JHUNJHUNWALA COLLEGE (AUTONOMOUS)

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## Knowledge is all Ambrosia

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Cloud icon	RESEARCH METHODOLOGY AND QUANTITATIVE TECHNIQUE			
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Atom icon				
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**CERTIFICATE COURSE IN**

**RESEARCH METHODOLOGY AND QUANTITATIVE TECHNIQUE**



Hindi Vidya Prachar Samiti was incepted on the auspicious day of Shri Krishna Janmashtami, 15th August 1938. A brain child of a visionary Late Shri Nandkishore Singh Jairamji, samiti was established with the objectives of catering to the educational needs of the Hindi speaking community. Ramniranjan Jhunjhunwala College came into existence in 1963, enabling a larger section of the society to take advantage of the facilities provided for higher education.

From 1999-2000 the College has added a number of self-financing courses like B.M.S., B.B.I., B.Sc. in Computer Science, Information Technology, Biotechnology, M.Sc. in Computer Science, Biotechnology and Information Technology as well as add on courses, which further hone the special skills of the students.

The college has been reaccredited with 'A' Grade by NAAC in 2014 with a CGPA 3.50 and received the Best College Award (2007-2008) of the University of Mumbai. The College has been bestowed with IMC "Ramkrishna Bajaj Performance Excellence Trophy", 2010.

The Principal of the college was awarded "Best Teacher" by Government of Maharashtra in 2011.

Government of Maharashtra conferred the college with "JAAGAR JAANIVANCHA" (First in Mumbai Suburban- in 2013 and Second in Mumbai Suburban- in 2014) for safety of girls.

**C**ourse Code: **RJECOC01**

**D**uration: **30** hours

**C**redits : **02**

**LEARNING  
OUTCOME**

After completion of the course, the participants

- Would be able to identify research problems;
- Could conduct surveys for data collection;
- Would be well equipped with the knowledge of excel in data processing and analysis;
- Proficiently write the research report and

Effectively present the research outcomes by using Power Point Presentation Techniques



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CERTIFICATE COURSE IN

**RESEARCH METHODOLOGY AND QUANTITATIVE TECHNIQUE**

**COURSE  
CONTENT**

Unit I	Introduction to research process: Meaning of research – Objectives of research - Importance of research - Steps in the process of research - Defining the research problem - Problems encountered during research process.
Unit II	Sources of data: Primary and Secondary: Primary data: Sources of primary data - Questionnaire –characteristics of a good questionnaire - Technique of preparing a questionnaire; Training in making a google form for online survey through questionnaire method Secondary data: Sources of secondary data - Use of internet as a source of secondary data, making the students familiar to various authentic websites, portals, etc.
Unit III	Data analysis: Extracting the data from sources - Coding, classification and tabulation of the data - Data analysis (Use of basic Excel in data analysis)
Unit IV	Hypothesis testing: Meaning of Hypothesis - Formulation of hypothesis - Null and alternate Hypothesis, testing of hypothesis - Use of Various Tests
Unit V	Writing a research report: Meaning - Types of research report - Format of research report - Case studies - Class Assignment on the topic of research report writing.
Unit VI	Presentation of the research results: Use of power point presentation - Do's and Don'ts of the presentation - Developing presentation skills - Class Assignment on the topic given.

English

**MEDIUM OF INSTRUCTION**



**EVALUATION**

Continuous evaluation, Multiple types of assignments.



**PASSING 40**

**100 MARKS**

**WHO SHOULD DO**

Students interested in research and willing to acquire proficiency in data processing and presentations with the Micro Soft Excel and PowerPoint Presentation.

**IT?**



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Hindi Vidya Prachar Samiti's

Ramniranjan Jhunjunwala College (Autonomous)

DEPARTMENT OF ECONOMICS

## TIME TABLE FOR VALUE ADDED COURSE IN RESEARCH METHODOLOGY AND QUANTITATIVE TECHNIQUES

APRIL 2023

Sr. No.	Topic	Name of the Teacher	Day and Date	Time	Number of hours allotted to each topic
1.	Introduction to Research process	Mrs. Pranali	17 <sup>th</sup> April 2023	8am to 9am	2
	Introduction to Excel	Ms. Ankita		9am to 10am	
2.	Framing a questionnaire	Mrs. Pranali	18 <sup>th</sup> April 2023	8am to 9am	2
	Preparing a questionnaire using google form	Ms. Ankita		9am to 10am	
3.	Classification, Tabulation and Presentation of data	Dr. Sucheta	19 <sup>th</sup> April 2023	8am to 9am	2
	Use of excel	Ms. Ankita		8am to 9am	
4.	Measures of central tendency	Ms. Ankita	20 <sup>th</sup> April 2023	8am to 10am	2
5.	Correlation, Regression	Ms. Ankita	21 <sup>st</sup> April 2023	8am to 10am	2
6.	Power point presentation	Ms. Ankita	22 <sup>nd</sup> April OR 24 <sup>th</sup> April 2023	8am to 10am	2
7.	Oral Presentation and Report Writing	Ms. Devashree	25 <sup>th</sup> April 2023	8am to 10am	2
8.	IT based research related exercises	Ms. Ankita	26 <sup>th</sup> April 2023	8am to 10am	2

**Note: Assignments - 14 Hours**

**Dr. Sucheta Joshi**

**Associate Professor and Head Department of Economics**





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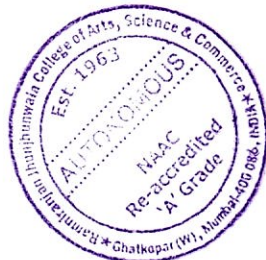
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## REPORT

Department of Economics conducted a value-added course in Research Methodology and Quantitative Techniques during 17<sup>th</sup> April to 26<sup>th</sup> April 2023 for TYBA and TYBCom students. The VAC had an objective of making the students acquainted with the research process and giving the hands-on experience in conducting research. Students were trained in the use of IT in the research process.

40 students successfully completed the course and were eligible for 2 additional credits and a certificate out of which 8 were from TYBA and 32 from TYBCom.



  
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## LIST OF STUDENTS WHO COMPLETED THE COURSE

Sr. No.	Last Name	First Name	Father's Name	Mother's Name	Which class do you belong to?	Roll No.
1	Khan	Bushra	Rehmat ali	Rubeena	TYBA (Economics)	6
2	Chaudhary	Sabiha	Irfan ahmed	Razia khatoon	TYBA (Economics)	7
3	Khan	Najeeba Naaz	Mohamed Taukeer	Enas	TYBA (Economics)	11
4	Khan	Shifa	Anwar	Nafisa khatoon	TYBA (Economics)	12
5	Shaikh	Aqsa	Mohammed	Shahina	TYBA (Economics)	17
6	Khan	Eman	Mohammed Sajid	Shahnaz	TYBA (Economics)	25
7	Shaikh	Arzoo	Mohammad Moin	Shabina	TYBA (Economics)	36
8	Khan	Ziya			TYBA (Economics)	39
9	Shaikh	Abusaad	Abdussalam	Nazma	TYBCom	7
10	Gupta	Poonam	Satroj	Vimaladevi	TYBCom	28
11	Prajapati	Swati	Rajmani	Saroj	TYBCom	36
12	Bhatkar	Nikhat	Barkat	Niloufer	TYBCom	38
13	Agrahari	Shweta	Chandraprakash	Shobha	TYBCom	39
14	Maurya	Anurag	Lalla	Kanchan	TYBCom	69
15	Chauhan	Sagar	Munshi lal	Sushama	TYBCom	108
16	Mishra	Dilip	Adyanand	Madhuri	TYBCom	121
17	Yadav	Neha	Lal bahadur	Indrawati	TYBCom	122
18	Sarvade	Rupa	Sahebrao	Gangubai	TYBCom	127
19	Gupta	Anjali	Dineshchandra	Heeramati	TYBCom	139



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20	Shukla	Juhi	Anil	Sunita	TYBCom	140
21	Yadav	Riya	Jayprakash	Hema	TYBCom	148
22	Chaurasiya	Rimjhim	Shankarlal	Rupadevi	TYBCom	153
23	Singh	Ruchi	Rajesh	Seema	TYBCom	205
24	Kannaujiya	Neha	Mohanlal	Saroj	TYBCom	256
25	Khan	Ahan	Alam	Shehnaz	TYBCom	301
26	Mishra	Tanu	Sunil	Kalindi	TYBCom	309
27	Chaudhari	Seeta Kumari	Ashok	Gyanmati	TYBCom	412
28	Kotar	Himansi	Ramvilas	Gudiya	TYBCom	414
29	Maurya	Gauri	Ramakant	Basanti	TYBCom	421
30	Gond	Sarika	Ashokumar	Phooldevi	TYBCom	426
31	Shaikh	Niyaz Ahmed	Iftekhar Ahmed	Chandani	TYBCom	439
32	Vishwakarma	Kajal	Dharmendra	Urmila	TYBCom	449
33	Singh	Shreya	Anand	Reeta	TYBCom	485
34	Gupta	Priya	Ramesh	Sona	TYBCom	607
35	Singh	Krishnakant	Omprakash	Chinta	TYBCom	628
36	Sharma	Gudiya	Pingal Prasad	Indravati	TYBCom	701
37	Jaiswal	Laxmi	Rambachan	Vidya	TYBCom	712
38	Patel	Rani			TYBCom	722
39	Sawant	Shamal	Vilas	Jyoti	TYBCom	802
40	Gupta	Khushi	Tejbahadur		TYBCom	820



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## CERTIFICATES



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### Certificate of Completion

This is to certify that

*Khan Shifa*

Of TYBA and Roll No 12

has successfully completed the Value-Added Course in **Research Methodology and Quantitative Technique** organized by **Department of Economics** from 17th April 2023 to 26th April 2023.

Course Code  
RJECOC01

Issue Date: 29 April, 2023



*[Signature]*  
Dr. Himanshu Dawda  
Principal



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### Certificate of Completion

This is to certify that

*Chauhan Sagar*

Of TYBCom and Roll No 108

has successfully completed the Value-Added Course in **Research Methodology and Quantitative Technique** organized by **Department of Economics** from 17th April 2023 to 26th April 2023.

Course Code  
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Issue Date: 29 April, 2023



*[Signature]*  
Dr. Himanshu Dawda  
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*[Signature]*