R. J. COLLEGE of Arts, Science & Commerce (AUTONOMOUS)

(Hindi Vidya Prachar Samiti's RAMNIRANJAN JHUNJHUNWALA COLLEGE of Arts, Science & Commerce)

Opposite Ghatkopar Railway Station, Ghatkopar (West), Mumbai 400086, Maharashtra, INDIA.

Website: www.rjcollege.edu.in   Email: rjcollege@rjcollege.edu.in   Tel No: +91 22 25151763   Fax No: +91 22 25150957

College is recognized under Section 2(f) & 12(B) of the UGC Act, 1956

Affiliated to UNIVERSITY OF MUMBAI II NAAC Re-Accredited 'A' Grade (CGPA: 3.50)
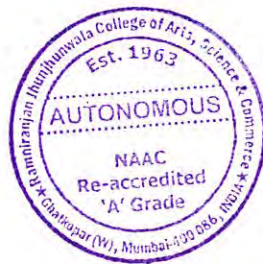
2ND April, 2021

NOTICE

The Department of Economics has organised a value added course in Research Methodology and Quantitative Techniques from 6th April to 20th April, 2021. The sessions would be conducted online and the course would be of a minimum 30 hours of 2 credits. Students interested in the course must enrol for the course. Attendance for every session interaction and evaluation is compulsory to be eligible for the course completion certificate. The zoom linked will be shared with the enrolled participants.

HOD Economics

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

2019: Star College Status by DBT
2008: Best College by University of Mumbai   2010: IMC RBNQ Award 'Performance Excellence' for the year 2009
2011: 'Best Teacher Award' by Government of Maharashtra 2013: DST-FIST   2014: DBT STAR College
2013 & 2014: 'Jagar Jaanivancha Award' by Govt, of Maharashtra   2016: ISO 14001:2015 2016: ISO 9001:2015 2017: ISO 27001:2013
2018: Autonomous Status by University Grants Commission (No. F. 22-1/2018(AC) - 28.05.2018) & by University of Mumbai (No.Aff./ICD/18-19/440 - 08.06.2018)

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Hindi Vidya Prachar Samiti's
Ramniranjan Jhunjhunwala College (Autonomous)

Department of Economics

VALUE ADDED COURSE IN RESEARCH METHODOLOGY AND QUANTITATIVE TECHNIQUE

Course Code: RJECOC01   **Duration: 30 Hours**   **Credits: 2**

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

Who should do it: Students interested in research and willing to acquire proficiency in data processing and presentations with the MicroSoft Excel and PowerPoint Presentation.

COURSE I	RESEARCH METHODOLOGY AND QUANTITATIVE TECHNIQUES COURSE CODE: RJECOC01
UNIT 1: 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 2: 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 with various authentic websites, portals, etc.
UNIT 3: Data analysis	Extracting the data from sources - Coding, classification and tabulation of the data - Data analysis (Use of basic Excel in data analysis)
UNIT 4: Hypothesis testing	Meaning of Hypothesis - Formulation of hypothesis - Null and alternate Hypothesis, testing of hypothesis - Use of Various Tests

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UNIT 5: **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 6: **Presentation of** **the research** **results**	Use of powerpoint presentation - Do's and Don'ts of the presentation - Developing presentation skills - Class Assignment on the topic given.

Evaluation: Continuous evaluation, assignments

Marks: 100   **Passing Standard: 40%**

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DEPARTMENT OF ECONOMICS

Report

Value Added Course in Research Methodology and Quantitative Techniques

Value Added Course in Research Methodology and Quantitative Techniques of 30 hours duration for 2 credits was conducted by the Department of Economics during 6th April to 20th April, 2021. TYBA and SYBA students were enrolled for the course. The total number of students was 28 out of which students from TYBA were 19 and from SYBA were 9. The details of the course are given below. The objective of the course was to make the students aware of the Nitty gritty of the research process from formulation of a research problem to the research report and providing practical training in data analysis by using excel. Preparing effective research report presentations through Power Point Presentation also was a part of this course. A continuous evaluation was undertaken under which students submitted six assignments.

Last day of the Value-Added Course on Research Methodology

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NAAC Re-Accredited 'A' Grade
विद्या अमृतं अश्नुते
ESTD 1963
ISO 9001:2015
Best College
UNIVERSITY OF MUMBAI

Hindi Vidya Prachar Samiti's

RAMNIRANJAN JHUNJHUNWALA COLLEGE (AUTONOMOUS)

(Also known as R. J. College of Arts, Science & Commerce as per UGC Notification)

**Affiliated to UNIVERSITY OF MUMBAI II Recognized by UGC under 2f & 12B
NAAC Accredited 'A GRADE' with CGPA 3.50**

Knowledge is all Ambrosia

C
M
S
T
A

CERTIFICATE COURSE IN

RESEARCH METHODOLOGY AND QUANTITATIVE TECHNIQUE

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ABOUT US

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.

Course Code: RJECOC01

Duration: 30 hours

Credits : 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

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.**

MEDIUM OF INSTRUCTION
English

EVALUATION
Continuous evaluation, Multiple types of assignments.

100 MARKS   PASSING 40

WHO SHOULD DO IT?

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

NAAC Re-Accredited 'A' Grade
ESTD. 1963
RJC
ISO 9001:2015
Best College
UNIVERSITY OF MUMBAI

Certificate of Completion

This is to certify that

Chaudhary Sanju Ashok Gena

of Class **SYBA**   Roll No. **4**

has successfully completed the Value-Added Course in RESEARCH METHODOLOGY AND QUANTITATIVE TECHNIQUES

organized by Department of ECONOMICS and conducted from 6 April, 2021 to 20 April, 2021.

Value Added Course 2020-21

COURSE CODE RJECOC01

Issue Date: 13 July, 2021

Dr. Himanshu Dawda
In-charge Principal

CERTIFICATE ID: RJC-VAC-202021-00333

STUDENT COMPLETED Certificate Course in Research Methodology and Quantitative Techniques YEAR 20-21

SR NO	NAME	ROLL NO	CLASS
1	GHULE MANISHA BABASAHEB MANGAL	7	TYBA
2	JAISWAR PRIYANKA AZADPRASAD USHA	10	TYBA
3	JAISWAR SHRADDHA PREMNATH GETADEVI	11	TYBA
4	KHAN AISHA KHATOON AHMED HUSSAIN JAMIRUNNISA	16	TYBA
5	KHAN KARISHMA MAJID BILKISH	17	TYBA
6	KHAN RUHANIYA MOHD AMJAD SHAHIDA	18	TYBA
7	KHAN UMMIEHABIBA HANIF NOORJAHAN	19	TYBA
8	MALLAH SAPNA JAYPRAKASH SOLANKI	20	TYBA
9	MOMIN ROSHINA ALI MOHD ALI RESHMA NASREEN	21	TYBA
10	PATAWA MUSKAN RAM SEWAK SEETA	24	TYBA
11	PRAJAPATI BABITA RAMNARAYAN USHA DEVI	25	TYBA
12	QURAISHI ZEENAT TAHIR HUSAIN SHAMIM	26	TYBA
13	SAYYED SHAHEENA SHAHAD NASRIN BANO	28	TYBA
14	SHAIK AFREEN RIAZ RESHMA BANO	29	TYBA
15	SHAIK MUSKAAN HAJI MALANG JAREENA	31	TYBA
16	SHAIK SABA SHAFI SHBANA	32	TYBA
17	SHAIKH SHAMA MAFIZUR REHMAN RAZIPARVEEN	34	TYBA
18	TIWARI PURNIMA ASHOK RANJU	39	TYBA
19	VISHAL JAGANNATH KAVITA	42	TYBA
20	CHAUDHARY SANJU ASHOK GENA	4	SYBA
21	SAYYED IRAM AYYUB REHANA	211	SYBA
22	SHAIKH SAMIRA BANO ABDUL KALAM TAHIRA BEGUM	218	SYBA
23	KAMBLE PALLAVI RAJENDRA BEBI	227	SYBA
24	TIWARY SHRUTI VIRENDRA ANAMIKA	328	SYBA
25	SHINDE RAJ ROHIDAS RAJSHREE	336	SYBA
26	KHAN TAHERA KHATOON SHAFI MOHD HADISUNNISA	408	SYBA
27	SK NISHA KHATOON ISHTIYAQUE ALI FIRDAUS JAHAN	413	SYBA
28	KHAN GULNAZ MOHAMMAD MUJEED	524	SYBA

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