R. J. COLLEGE of Arts, Science & Commerce (Empowered 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
College is recognized under Section 2(f) & 12(B) of the UGC Act, 1956
Affiliated to UNIVERSITY OF MUMBAI ‖ NAAC Re-Accredited 'A' Grade (CGPA: 3.10)

Department of Statistics
Value Added Course in
SQL and Power BI Essential: A Hands-on Data Analysis
Organized on
April 13 - 29, 2024

Hindi Vidya Prachar Samiti's
RAMNIRANJAN JHUNJHUNWALA COLLEGE OF ARTS, SCIENCE AND COMMERCE

(EMPOWERED AUTONOMOUS)
DEPARTMENT OF STATISTICS

organises

Value added course in

'SQL and Power BI Essential: A Hands-on Data Analysis'
Conducted by Department of Statistics

15 April-29 April,2024   08 AM to 10:00 AM   Law Lab

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AY 2024 Onwards

Hindi Vidya Prachar Samiti's

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Affiliated to UNIVERSITY OF MUMBAI II Recognized by UGC under 2f & 12B

NAAC Accredited 'A GRADE' with CGPA 3.50

Knowledge is all Ambrosia

CERTIFICATE COURSE IN

SQL and Power BI Essential: A Hands-on Data Analysis

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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: RJSTATC04

Duration: 30 hours

Credits : 02

LEARNING OUTCOME

On completion of the course the student will be able to

- Understand how SQL is used o store, update, remove, search, and retrieve information from the database.
- Understand how Power BI is used in data visualisation and representation.

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COURSE CONTENT

Unit I	Basics Of SQL SQL Command Types SQL Aggregate Functions SQL DATA Types SQL Comparison Operators
Unit II	Data Definition Language (DDL) Query Data Manipulation Language (DML) Query Data Control Language (DCL) Query Transaction Control Language Other Aggregate Functions (Clause) SQL Joins Constraints in SQL
Unit III	Basic charts in Power BI Desktop Map in Power BI Desktop Table and matrix in Power BI
Unit IV	Other charts in Power BI Number and Text Cards DAX Function

ASSESSMENT

Continuous evaluation based on Quizzes, assignments and practical exam.l.

MEDIUM OF INSTRUCTION English

100 MARKS   PASSING 40

WHO SHOULD DO IT?

Any Undergraduate Students

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REPORT

The Department of Statistics organized a value added course in '**SQL and Power BI Essential: A Hands-on Data Analysis**' from April 15 to 29, 2024. Mr. Ashish Rana, an alumni from the Department of Statistics was a resource person for this course. Mr. Rahul Tiwari was coordinator for this course. The duration of this course was 30 hours. Quizzes, Assignments and Practical Exams were taken for evaluation of students. Mr. Ashish provided an insightful learning experience, equipping them with valuable skills in data analysis. In all 23, SYBSC benefited from this course.

No. of registered students = 28

No. of participants benefited = 23

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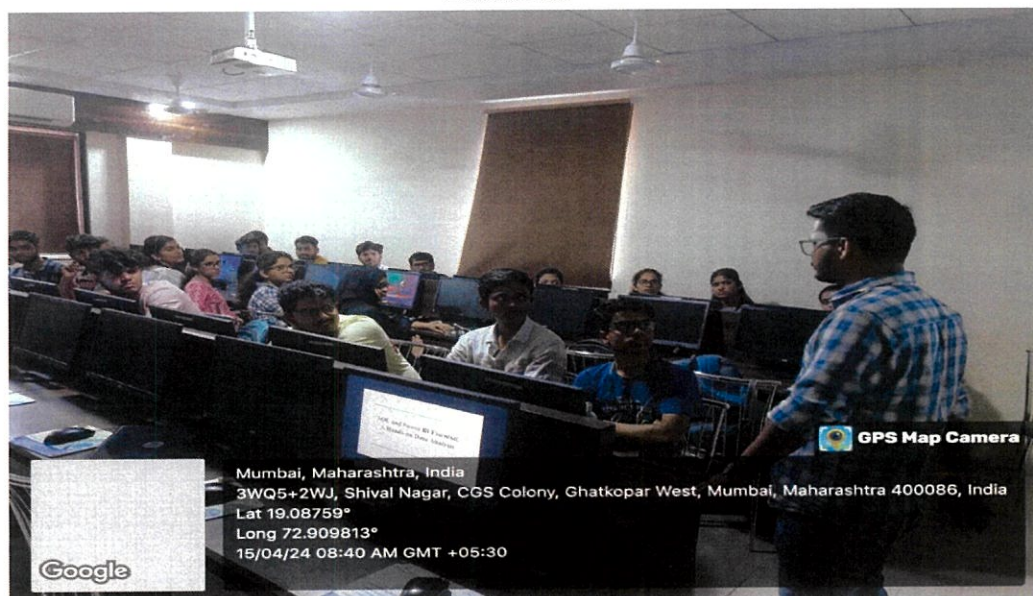Website: www.rjcollege.edu.in • Email : rjcollege@rjcollege.edu.in • Tel No. + 91 22 25151763

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PHOTOGRAPHS OF THE VAC IN SQL and Power BI Essential: A Hands-on Data Analysis

Resource person, Mr. Ashish Rana explaining the concepts of power BI to students

Students during the session on SQL

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LIST OF STUDENTS WHO COMPLETED THE VAC IN SQL AND POWER BI ESSENTIAL: A HANDS-ON DATA ANALYSIS

SR NO.	CLASS	ROLL NO.	FULL NAME OF THE STUDENT
1	TYBSc Statistics	401	Mangesh Patel
2	TYBSc Statistics	402	Swayam Jaiswal
3	TYBSc Statistics	403	Tripti Yadav
4	TYBSc Statistics	404	Karan Rathod
5	TYBSc Statistics	405	Indulkar Sakshi Tushar
6	TYBSc Statistics	406	Divya Jain
7	TYBSc Statistics	408	Bagish Dubey
8	TYBSc Statistics	410	Sneha Maurya
9	TYBSc Statistics	411	Kirti Kadam
10	TYBSc Statistics	412	Akash Patel
11	TYBSc Statistics	413	Himanshu Pandey
12	TYBSc Statistics	414	Akhilesh Yadav
13	TYBSc Statistics	415	Shailesh Singh
14	TYBSc Statistics	416	Shruthi Thootey
15	TYBSc Statistics	417	Amit Gupta
16	TYBSc Statistics	419	Rani Upadhyay
17	TYBSc Statistics	420	Anjali Shiv Shankar Patel
18	TYBSc Statistics	422	Rahul Prajapati
19	TYBSc Statistics	424	Anjali Verma
20	TYBSc Statistics	425	Sameera Khan
21	TYBsc Mathematics	226	Rajish Radhakrishnan

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CERTIFICATE

This is to certify that

Mangesh Patel

Of **TYBSc (Statistics) Roll No: 401** has successfully completed the **Value-Added Course in 'SQL and Power BI Essential: A Hands-on Data Analysis'** organized by **Department of Statistics** from **15th to 29th April 2024.**

Dr. Himanshu Dawda
Principal

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CERTIFICATE

This is to certify that

Tripti Yadav

Of **TYBSc (Statistics) Roll No: 403** has successfully completed the **Value-Added Course in 'SQL and Power BI Essential: A Hands-on Data Analysis'** organized by **Department of Statistics** from **15th to 29th April 2024.**

Dr. Himanshu Dawda
Principal

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