



Rayat Shikshan Sanstha's

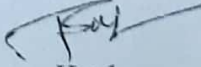
Arts, Science and Commerce College, Ramanandnagar (Burli).

Department of Mathematics

Course- Magic in Maths 2019-20.

List of the students

Sr.No.	Name of the Student
1.	CHOUGULE RUPALI MAHAVIR
2.	DESHMUKH SUJIT RAMACHANDRA
3.	DHOKALE RAJVARDHAN SANDESH
4.	GAVADE SHIVANI GANAPATI
5.	HANDE SWAPNIL SUBHASH
6.	JADHAV DHANANJAY PANDURANG
7.	KADAM SAGAR SHAMRAO
8.	KHOT ROHINI DNYANDEV
9.	KHOT RUTUJA RAINDRA
10.	LAD SATYAJEET HANMANT
11.	KOLKARE BISTWA ANANDA
12.	MANUGADE PRATHMESH PRATAP
13.	MUJAWAR PARVIN HAMID
14.	MULANI SOHEB DASTAGIR
15.	MULIK SANSKAR SANJAY
16.	PATIL SHRITEJ JITENDRA
17.	PAWAR SHAILA NETAJI
18.	PAWAR VISHWAJIT ASHOK
19.	RADE SUSHAMA DINKAR
20.	SURYAWANSHI SHREYAS SUBHASH
21.	CHOUGULE RUPALI MAHAVIR


Head

Department of Mathematics

Rayat Shikshan Sanstha's
Arts, Commerce and Science College Ramanandnagar (Burli).
Department of Mathematics

Course Name- Magic in Maths

Objectives-

- To apply mathematical knowledge and skill to familiar and unfamiliar situations.
- To understand application derivative and integration.
- To develop investigative skill in mathematics.
- To develop positive attitude towards learning mathematics.
- To think and reasons precisely, logically and critically in any given situation.

Intake Capacity- Minimum 10 – Maximum 25

Educational qualification- HSC pass (Science with A group)

Course Fee- Free

Duration- 3 Month

Syllabus

Unit I Derivative and Continuity (10)

- 1.1 Introduction –
- 1.2 Left hand derivative, Right hand derivative, limit, left hand limit, right hand limit.
- 1.3 Chain Rule & Division Rule.
- 1.4 Definition of continuity (continues function)
- 1.5 Examples
- 1.6 L'Hospital Rule
- 1.7 Indeterminate forms- $0/0$, 0×0 , ∞/∞ , 1.

Unit II Differential Equation

(10)

- 2.1 Introduction
- 2.2 Definition of differential equation and examples.
- 2.3 Linear differential equation
- 2.4 Solution of linear equation and examples
- 2.4 Bernoulli's equation and examples

Unit III Integration

(10)

- 3.1 Introduction
- 3.2 Definite and Indefinite integral
- 3.3 Properties of integration
- 3.4 Integration of trigonometric function
- 3.5 Integration By parts Rule (Liate rule)
- 3.6 Examples

Reference Books- 1. Differential Calculus (Dr.P.K.Mittal)

2. Integral Calculus (Dr.P.K.Mittal).



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Course- Magic in Maths 2019-20.

Time- Table

Sr.no	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	10:10 to 11:10 a.m.	MIM (BAP)	-	-	-	-	-
2	2:30 to 3:30 p.m.	MIM (MRS)	-	-	-	-	MIM (DAN)

#Note- MIM= Magic in Maths

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Department of Mathematics

Course- Magic in Maths 2019-20.

Sr.No.	Name of the Student	Attendance																		
		2/12/19	2/12	7/12	9/12	9/12	14/12	16/12	16/12	21/12	23/12	28/12	4/01/20	5/1/20	6/1	11/1	13/1	13/1	18/1	20/1
1.	CHOUGULE RUPALI MAHAVIR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2.	DESHMUKH SUJIT RAMACHANDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3.	DHOKALE RAJWARDHAN SANDESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4.	GAVADE SHIVANI GANAPATI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5.	HANDE SWAPNIL SUBHASH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6.	JADHAV DHANANJAY PANDURANG	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7.	KADAM SAGAR SHAMRAO	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8.	KHOT ROHINI DNYANDEV	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9.	KHOT RUTUJA RAINDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10.	LAD SATYAJEET HANMANT	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11.	KOLKARE BISTWA ANANDA	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12.	MANUGADE PRATHMESH PRATAP	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13.	MUJAWAR PARVIN HAMID	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14.	MULANI SOHEB DASTAGIR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15.	MULIK SANSKAR SANJAY	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16.	PATIL SHRITEJ JITENDRA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17.	PAWAR SHAILA NETAJI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18.	PAWAR VISHWAJIT ASHOK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19.	RADE SUSHAMA DINKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20.	SURYAWANSHI SHREYAS SUBHASH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21.	CHOUGULE RUPALI MAHAVIR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

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Annual Report

The department of mathematics conduct a value added course, Magic in Maths for the B.Sc.I students. In this academic year 21 students are enrolled for this course.

This course has been started from December, 02 to February, 20. After the completion of course students familiar with basic concepts of mathematics such as finding derivatives, integrations, limit and continuity of a function, differential equation etc.

Head

Department of Mathematics

“Education through Self-help is our motto”-Karmveer

Rayat Shikshan Sanstha's

Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)

Tal: Palus, Dist: Sangli, Pin: 416308

Value Added Course- Magic in Math's

CERTIFICATE

This is to certify that Shri. /Smt. of Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli) Participated value added course entitled “ **Magic in Math's**” organized by Department of Mathematics, Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli) for the year 2019-20.

Head,

Department of Mathematics

Principal,

Arts, Science and Commerce College, Ramanandnagar (Burli)