

- **Value Added  
Course  
2021-22**
-

**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**

**Department of Mathematics**

**Value Added Course 2021-22**

**Magic in Maths**

---

**COMMITTEE**

Sr. No	Name of Faculty	Designation
1.	Smt. Jirage P.D.	Chairman
2.	Dr. Patil N.S.	Member
3.	Miss. Sovdande T.S	Member

**Agenda:**

1. To Arrange Value Added Course entitles Magic in Maths.
2. To start skill courses in mathematics for getting job opportunities.

  
Head,

Department of Mathematics

Principal,  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar (Burli)

**Rayat Shikshan Sanstha's**

**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**

**Department of Mathematics**

**Course- Magic in Maths 2021-22**

**Syllabus**

**Unit-I Derivative and Continuity**

**10 Lectures**

- ❖ Introduction
- ❖ Left hand derivative, Right hand derivative, limit, left hand limit, right hand limit.
- ❖ Chain Rule and Division Rule.
- ❖ Definition of Continuity (continuous function).
- ❖ Examples.
- ❖ L'Hospital's Rule.
- ❖ Indeterminate forms-  $\frac{0}{0}$ ,  $0 \cdot 0$ ,  $\frac{\infty}{\infty}$

**Unit-II Differential Equation**

**10 Lectures**

- ❖ Introduction
- ❖ Definition of differential equation and examples.
- ❖ Linear differential equation.
- ❖ Solution of linear equation and examples.
- ❖ Bernoulli's equation and examples.

**Unit-III Integration**

**10 Lectures**

- ❖ Introduction
- ❖ Definite and Indefinite integral
- ❖ Properties of integration
- ❖ Integration of trigonometric function
- ❖ Integration By parts Rule (LIATE rule)
- ❖ Examples

**Rayat Shikshan Sanstha's**

**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**

**Department of Mathematics**

**Course- Magic in Maths**

**2021-22**

---

### **Programme Outcomes**

**After completion of this programme students will be able to:**

- ❖ **PO-1:** Calculate left hand derivative, right hand derivative, left hand limit, right hand limit.
- ❖ **PO-2:** Explain Chain Rule, Division Rule, L'Hospital's Rule and Indeterminate forms-  $\frac{0}{0}$ ,  $0 * 0$ ,  $\frac{\infty}{\infty}$
- ❖ **PO-3:** Evaluate limits using Indeterminate forms-  $\frac{0}{0}$ ,  $0 * 0$ ,  $\frac{\infty}{\infty}$ .
- ❖ **PO-4:** Examine continuity of various functions.
- ❖ **PO-5:** Solve differential equation by choosing proper method.
- ❖ **PO-6:** Tell definitions of definite and indefinite integration.
- ❖ **PO-7:** Illustrate properties of integration.
- ❖ **PO-8:** Evaluate integration of Trigonometric functions.
- ❖ **PO-9:** Use Integration by parts rule to find integration of multiplication of two functions.

**Rayat Shikshan Sanstha's**

**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**

**Department of Mathematics**

**Course- Magic in Maths 2021-22**

**Time-Table**

Sr. No	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	10.00 to 11.00				MIM	MIM	MIM

**#Note- MIM=Magic in Math's**

*Prayag*  
**Head,**


**Department of Mathematics**



**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**  
**Value Added Course 2021-22**  
**Magic in Maths**

**Time table**

<b>Date</b>	<b>Name of Faculty</b>	<b>Time</b>	<b>Theory/Practical</b>
11/11/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
12/11/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
13/11/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
18/11/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
20/11/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
25/11/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
26/11/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
27/11/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
02/12/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
03/12/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
04/12/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
09/12/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
02/12/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
10/12/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
11/12/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
16/12/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
17/12/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
18/12/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
23/12/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
24/12/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
30/12/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
31/12/2021	Prof. Jirage P.D	10.00 to 11.00	Theory
01/01/2022	Prof. Jirage P.D	10.00 to 11.00	Theory
06/01/2022	Prof. Jirage P.D	10.00 to 11.00	Theory
07/01/2022	Prof. Jirage P.D	10.00 to 11.00	Theory
08/01/2022	Prof. Jirage P.D	10.00 to 11.00	Theory
13/01/2022	Prof. Jirage P.D	10.00 to 11.00	Theory
14/01/2022	Prof. Jirage P.D	10.00 to 11.00	Theory
15/01/2022	Prof. Jirage P.D	10.00 to 11.00	Theory
20/01/2022	Prof. Jirage P.D	10.00 to 11.00	Theory
20/01/2022	Prof. Jirage P.D	10.00 to 11.00	Theory

  
**Head**  
**Department of Mathematics**  
**Dr. Patangrao Kadam Mahavidyalaya,**  
**Ramanandnagar, (Burli).**

**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**  
**Value Added Course 2021-22**  
**Magic in Maths**

---

**Notice**

All the students of B.Sc. I of department of mathematics are hereby informed that Value Added Course titled "Magic in Maths" will be start from 11/11/2021 to 20/01/2022. All should remain present at the time. Time table is displayed on board.



  
Head,

Department of Mathematics

**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**

**Department of Mathematics**  
**Course- Magic in Maths 2021-22**

**List of the Students**

<b>Roll.No</b>	<b>Name of the Students</b>
1556	CHAVAN KARN JOTIRAM
1592	CHAVAN KISHOR SUBHASH
1593	CHOUGULE PRERNA PRASAD
1594	DAVARI SHUBHAM SANTOSH
1595	JADHAV SHUBHAM RAJARAM
1596	KADAM SANIKA BHALCHANDRA
1597	KADAM TEJAS ADHIKRAO
1598	LAD ABHAY SANGRAM
1599	MOHITE VAISHNAVI DADASO
1600	NADAF ALFEJ HAMID
1601	NALAWADE SAURABH SUNIL
1602	NERLEKAR OMKAR NANDKUMAR
1603	PATIL PRASHANT NANDKUMAR
1604	PAWAR NIKHIL MOHAN
1605	PAWAR SANDESH MAHESH
1606	PISAL DIGVIJAY KAILAS
1607	SALUNKHE SHRADDHA KUMAR
1608	SALUNKHE YOGESH SUDHAKAR
1609	SHINDE AMRUTA MAHADEV
1610	YADAV PRAJVAL SAMPATRAO

*Praye*  
Head,

Department of Mathematics



**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**

**Value Added Course: Magic in Maths 2021-22**

**Examination**

**B.Sc.-I**

**Attendance Sheet**

**Date: 22/01/2022**

**Time: 1 hour**

**Marks: 50**

Roll No.	Name of the Students	Signature
1597	Chavan Karn Jotiram	<i>KChavan</i>
1598	Chavan Kishor Subhash	<i>KSehemon</i>
1599	Chougule Prerna Prasad	<i>Prerna Chougule</i>
1600	Davari Shubham Santosh	<i>Ab</i>
1601	Jadhav Shubham Rajaram	<i>Shubham</i>
1602	Kadam Sanika Bhalchandra	<i>Sanika Kadam</i>
1603	Kadam Tejas Adhikrao	<i>Ab</i>
1604	Lad Abhay Sangram	<i>Abhay</i>
1605	Mohite Vaishnavi Dadaso	<i>Vaishnavi</i>
1606	Nadaf Alfej Hamid	<i>Alfej</i>
1607	Nalawade Saurabh Sunil	<i>Saurabh</i>
1608	Nerlekar Omkar Nandkumar	<i>Omkar</i>
1609	Patil Prashant Nandkumar	<i>Prashant</i>
1610	Pawar Nikhil Mohan	<i>Nikhil</i>
1611	Pawar Sandesh Mahesh	<i>Sandesh</i>
1612	Pisal Digvijay Kailas	<i>Digvijay</i>
1613	Salunkhe Shraddha Kumar	<i>Shraddha</i>
1614	Salunkhe Yogesh Sudhakar	<i>Yogesh</i>
1615	Shinde Amruta Mahadev	<i>Amruta</i>
1616	Yadav Prajval Sampatrao	<i>Prajval</i>














**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**  
**Value Added Course 2021-22**  
**Magic in maths**

---

**Proceeding of Meeting**

Departmental meeting was held on 02/11/2021 at 3.00 p.m. under the guidance of head of department, all faculty members were present, main agenda of meeting was to discuss about introduced Value Added Course in department for the students of B.Sc. I

Department has decided that 30 days Value Added Course entitled Magic in Maths will be started from 11/11/2021 to 20/01/2022. The governing of course committee is formed, this department committee will be run, govern and supervise the course. Besides this syllabus of course is finalized, work distribution also done as well as time table of course is constructed. Smt. Jirage P.D. expressed vote of thanks and meeting is over.

  
Head,  
Department of Mathematics  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar, (Burli).

**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**  
**Value Added Course: Magic in Maths 2021-22**  
**B.Sc.-I: Examination**  
**Question Paper**

**Day and Date: Saturday, 22/01/2022**

**Marks: 50**

**Name of the Student:**

**Roll No.-**

**Que1. Solve the following questions.**

**10 Marks**

- i) If  $y = \tan x + \sec x$ , then show that  $\frac{d^2y}{dx^2} = \cos x / (1 - \sin x)^2$
- ii) Determine the derivative of the function given by  $f(x) = \sin(x^2)$ .

**Que.2 Solve the following questions.**

**10 Marks**

- i) Prove that every polynomial function is continuous.
- ii) Discuss the continuity of the sine function and the cosine function.

**Que.3 Solve the following questions.**

**10 Marks**

- i) Find the solution for the differential equation  $x \left( \frac{dy}{dx} \right) + 2y = x^2$ , where  $x \neq 0$ .
- ii) Solve  $\frac{dy}{dx} + x^5y = x^5y^7$

**Que.4 Evaluate the following integrals.**

**10 Marks**

i) Solve :  $\int \frac{\sqrt{\tan x}}{\sin x \cos x} dx.$

ii) Evaluate  $\sin^3 x \cos^5 x.$

**Que.5 Evaluate the following.**

**10 Marks**

i) Evaluate  $\int_0^{\frac{1}{2}} \frac{x \sin^{-1} x}{\sqrt{1-x^2}} dx$

ii) Evaluate  $\int_2^3 \frac{dx}{(x+1)\sqrt{x^2-1}}$

**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**  
**Value Added Course: Magic in Maths 2021-22**  
**B.Sc.-I: Examination**  
**Marksheet**

**Day and Date: Saturday, 22/01/2022**

**Marks: 50**

Roll No.	Name of the Students	Marks
1597	Chavan Karn Jotiram	34
1598	Chavan Kishor Subhash	20
1599	Chougule Prerna Prasad	32
1600	Davari Shubham Santosh	Ab
1601	Jadhav Shubham Rajaram	42
1602	Kadam Sanika Bhalchandra	46
1603	Kadam Tejas Adhikrao	Ab
1604	Lad Abhay Sangram	46
1605	Mohite Vaishnavi Dadaso	40
1606	Nadaf Alfej Hamid	38
1607	Nalawade Saurabh Sunil	30
1608	Nerlekar Omkar Nandkumar	37
1609	Patil Prashant Nandkumar	36
1610	Pawar Nikhil Mohan	37
1611	Pawar Sandesh Mahesh	40
1612	Pisal Digvijay Kailas	40
1613	Salunkhe Shraddha Kumar	42
1614	Salunkhe Yogesh Sudhakar	44
1615	Shinde Amruta Mahadev	46
1616	Yadav Prajval Sampatrao	28

Total No. of students	20
Present	18
Absent	2
Pass	18
Fail	2
Percentage	100%.

*[Signature]*  
Head,  
Department of Mathematics

**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**  
**Value Added Course 2021-22**

Course Name: Magic in Maths.

Date:

Name of the student:

Roll No:

**FEEDBACK FORM**

1. What is your overall assessment of the course? (1 = insufficient – 5 = excellent)

1

2

3

4

5

2. Which topics or aspects of the course did you find most interesting or useful?

---

---

3. Knowledge and information gained from participation at this course?

Met your Expectations.

Yes

No.

Same how

Will be useful/Applicable in my work.

Definitely

Mostly Somehow

Not at all

4. Comments and Suggestions

---

---

---

---

Signature



**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**  
**Course- Magic in Maths 2021-22**  
**Annual Report**

---

The department of mathematics conduct a value added course, Magic in Math's for the B.Sc.-I students. In this academic year 20 students are enrolled for this course.

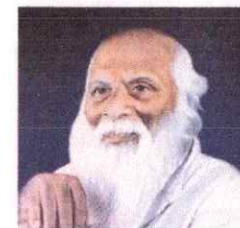
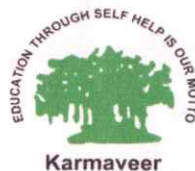
This course has been started from 11 November 2021 to 20 January 2022. Per week 3 lectures have allotted for this course. After the completion of course students familiar with basic concepts of mathematics such as finding derivatives, integrations, limit and continuity of a function, differential equation etc.



Head,  
Department of Mathematics



Principal,  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar (Burli)  
Tal. Balus, Dist. Sangli



**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**

## VALUE ADDED COURSE 2021-22.

### Value Added Course- Magic in Math's

#### C E R T I F I C A T E

This is to certify that Mr./Miss./Mrs. .... *Kadam Sanika Bhalchandra* .... 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 2021-22.

Head,  
Department of Mathematics



Principal,  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar(Burli)

**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**  
**Value Added Course 2021-22**

Course Name: Magic in Maths.

Date:

Name of the student: Patil Prashant Nandkumar.

Roll No: 1609

**FEEDBACK FORM**

1. What is your overall assessment of the course? (1 = insufficient – 5 = excellent)

1		2		3		4		5	
---	--	---	--	---	--	---	--	---	--

2. Which topics or aspects of the course did you find most interesting or useful?

---

---

3. Knowledge and information gained from participation at this course?

Met your Expectations.	Yes	No.	Same how
Will be useful/Applicable in my work.	Definitely	Mostly Somehow	Not at all

4. Comments and Suggestions

---

---

---

---

  
Signature



**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**  
**Value Added Course 2021-22**

Course Name: Magic in Maths.

Date:

Name of the student: Sandesh mahesh pawar

Roll No: 1611

**FEEDBACK FORM**

1. What is your overall assessment of the course? (1 = insufficient – 5 = excellent)

1	<input type="checkbox"/>	2	<input type="checkbox"/>	3	<input type="checkbox"/>	4	<input checked="" type="checkbox"/>	5	<input type="checkbox"/>
---	--------------------------	---	--------------------------	---	--------------------------	---	-------------------------------------	---	--------------------------

2. Which topics or aspects of the course did you find most interesting or useful?

I found many mathematical tricks  
can used in day to day life.

3. Knowledge and information gained from participation at this course?

Met your Expectations.

Yes

No.

Same how

Will be useful/Applicable in my work.

Definitely

Mostly Somehow

Not at all

4. Comments and Suggestions

NO else,

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Saur  
Signature



**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**  
**Value Added Course 2021-22**

Course Name: Magic in Maths.

Date: 10-5-22

Name of the student: Shraddha Kumar Salunkhe

Roll No: 1613

**FEEDBACK FORM**

1. What is your overall assessment of the course? (1 = insufficient – 5 = excellent)

1		2		3	✓	4		5	
---	--	---	--	---	---	---	--	---	--

2. Which topics or aspects of the course did you find most interesting or useful?

I found many mathematical tricks which can  
used in day-to-day life.

3. Knowledge and information gained from participation at this course?

Met your Expectations.

Yes

No.

✓ Same how

Will be useful/Applicable in my work.

Definitely

✓ Mostly Somehow

Not at all

4. Comments and Suggestions

No

---

---

---

---

  
Signature

**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**  
**Value Added Course 2021-22**

Course Name: Magic in Maths.

Date: 19/05/22

Name of the student: Salunkhe Yogesh Sudhakar

Roll No: 1614

**FEEDBACK FORM**

1. What is your overall assessment of the course? (1 = insufficient – 5 = excellent)

1		2		3	✓	4		5	
---	--	---	--	---	---	---	--	---	--

2. Which topics or aspects of the course did you find most interesting or useful?

I found many mathematical tricks which can  
used in day to day life

3. Knowledge and information gained from participation at this course?

Met your Expectations.

Yes

No.

Same how

Will be useful/Applicable in my work.

Definitely

✓ Mostly Somehow

Not at all

4. Comments and Suggestions

NO

  
Signature

**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**  
**Value Added Course 2021-22**

Course Name: Magic in Maths.

Date: 10/05/22

Name of the student: Amruta Mahadev Shinde

Roll No: 1615

**FEEDBACK FORM**

1. What is your overall assessment of the course? (1 = insufficient – 5 = excellent)

1	<input type="checkbox"/>	2	<input type="checkbox"/>	3	<input checked="" type="checkbox"/>	4	<input type="checkbox"/>	5	<input type="checkbox"/>
---	--------------------------	---	--------------------------	---	-------------------------------------	---	--------------------------	---	--------------------------

2. Which topics or aspects of the course did you find most interesting or useful?

I found many mathematical tricks which can  
used in day-to-day life.

3. Knowledge and information gained from participation at this course?

Met your Expectations.

Yes

No.

☒ Same how

Will be useful/Applicable in my work.

Definitely

☒ Mostly Somehow

Not at all

4. Comments and Suggestions

NO

  
Signature

**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**  
**Value Added Course 2021-22**

Course Name: Magic in Maths.

Date: 19-05-2022

Name of the student: Yadav Prajwal Sampat Rao

Roll No: 1616

**FEEDBACK FORM**

1. What is your overall assessment of the course? (1 = insufficient – 5 = excellent)

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Which topics or aspects of the course did you find most interesting or useful?

I found many mathematical tricks which are used in day to day life.

3. Knowledge and information gained from participation at this course?

Met your Expectations.

Yes

No.

Same how

Will be useful/Applicable in my work.

Definitely

Mostly Somehow

Not at all

4. Comments and Suggestions

---

---

---

---

  
Signature



**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramana.**  
**Department of Mathematics**  
**Value Added Course 2021-22**

Course Name: Magic in Maths.

Date:

Name of the student: choygule Purna Prasad

Roll No: 1539

**FEEDBACK FORM**

1. What is your overall assessment of the course? (1 = insufficient – 5 = excellent)

1	<input type="checkbox"/>	2	<input type="checkbox"/>	3	<input checked="" type="checkbox"/>	4	<input type="checkbox"/>	5	<input type="checkbox"/>
---	--------------------------	---	--------------------------	---	-------------------------------------	---	--------------------------	---	--------------------------

2. Which topics or aspects of the course did you find most interesting or useful?

I found many mathematical tricks which can  
used in day to day life.

3. Knowledge and information gained from participation at this course?

Met your Expectations.

Yes

No.

Same how

Will be useful/Applicable in my work.

Definitely

☒ Mostly Somehow

Not at all

4. Comments and Suggestions

\_\_\_\_\_

\_\_\_\_\_

No.

\_\_\_\_\_

\_\_\_\_\_

Prachyule  
Signature

**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**  
**Value Added Course 2021-22**

Course Name: Magic in Maths.

Date:

Name of the student: Jadhav Shubham Rajaram, Roll No: 1601

**FEEDBACK FORM**

1. What is your overall assessment of the course? (1 = insufficient – 5 = excellent)

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Which topics or aspects of the course did you find most interesting or useful?

I found many mathematical tricks which can used  
in day to day life.

3. Knowledge and information gained from participation at this course?

Met your Expectations.

Yes

No.

Same how

Will be useful/Applicable in my work.

Definitely

☒ Mostly Somehow

Not at all

4. Comments and Suggestions

No.

  
Signature

**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**  
**Value Added Course 2021-22**

Course Name: Magic in Maths.

Date: 10/05/22

Name of the student: Kadam Sanika Bhalchandra

Roll No: 1602

**FEEDBACK FORM**

1. What is your overall assessment of the course? (1 = insufficient – 5 = excellent)

1 ☐ 2 ☐ 3 ☒ 4 ☐ 5 ☐

2. Which topics or aspects of the course did you find most interesting or useful?

I found many mathematical tricks which can be used in day-to-day life.

3. Knowledge and information gained from participation at this course?

Met your Expectations.

Yes

No.

Same how

Will be useful/Applicable in my work.

Definitely

☒ Mostly Somehow

Not at all

4. Comments and Suggestions

No.

Bhalchandra  
Signature

**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**  
**Value Added Course 2021-22**

Course Name: Magic in Maths.

Date: 19/05/22

Name of the student: Leel abbay sangram

Roll No: 1604

**FEEDBACK FORM**

1. What is your overall assessment of the course? (1 = insufficient – 5 = excellent)

1		2		3	✓	4		5	
---	--	---	--	---	---	---	--	---	--

2. Which topics or aspects of the course did you find most interesting or useful?

I found many mathematical tricks which can  
used in day to day life

3. Knowledge and information gained from participation at this course?

Met your Expectations.	Yes	No.	Same how
Will be useful/Applicable in my work.	Definitely	✓ Mostly Somehow	Not at all

4. Comments and Suggestions

\_\_\_\_\_

\_\_\_\_\_

No.

\_\_\_\_\_

\_\_\_\_\_

  
Signature



**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**  
**Value Added Course 2021-22**

Course Name: Magic in Maths.

Date:

Name of the student: Mohite Vaishnavi Dedaso

Roll No: 1605

**FEEDBACK FORM**

1. What is your overall assessment of the course? (1 = insufficient – 5 = excellent)

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Which topics or aspects of the course did you find most interesting or useful?

I found many mathematical tricks which can  
used in day to day life.

3. Knowledge and information gained from participation at this course?

Met your Expectations.

Yes

No.

Same how

Will be useful/Applicable in my work.

Definitely

☒ Mostly Somehow

Not at all

4. Comments and Suggestions

No.

Vaish  
Signature

**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**  
**Value Added Course 2021-22**

Course Name: Magic in Maths.

Date:

Name of the student: Nadaf Alfej Hamid

Roll No: 1606

**FEEDBACK FORM**

1. What is your overall assessment of the course? (1 = insufficient – 5 = excellent)

1		2		3	✓	4		5	
---	--	---	--	---	---	---	--	---	--

2. Which topics or aspects of the course did you find most interesting or useful?

I found many mathematical tricks which can  
used in day to day life.

3. Knowledge and information gained from participation at this course?

Met your Expectations.

Yes

No.

Same how

Will be useful/Applicable in my work.

Definitely

✓ Mostly Somehow

Not at all

4. Comments and Suggestions

---

---

---

---

cujs  
Signature

**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Mathematics**  
**Value Added Course 2021-22**

Course Name: Magic in Maths.

Date:

Name of the student: Nalawade saurabh Sunil.

Roll No: 1607

**FEEDBACK FORM**

1. What is your overall assessment of the course? (1 = insufficient – 5 = excellent)

1	2	3	4	5
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Which topics or aspects of the course did you find most interesting or useful?

I found many mathematical tricks which can  
used in day to day life.

3. Knowledge and information gained from participation at this course?

Met your Expectations.

Yes

No.

Same how

Will be useful/Applicable in my work.

Definitely

☒ Mostly Somehow

Not at all

4. Comments and Suggestions

No

  
Signature