# Value Added Course 2021-22

#### 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)

#### 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 \* 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

#### 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.

#### 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

Thaye 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

	Time	table	
Date	Name of Faculty	Time	Theory/Practical
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

Department of Mathematics
Department of Mathematics
Remanandnagar, (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

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

#### **Department of Mathematics**

#### Course- Magic in Maths 2021-22

#### **List of the Students**

Roll.No	Name of the Students
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

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	(kahavan
1598	Chavan Kishor Subhash	Kseherren
1599	Chougule Prerna Prasad	Prohougue
1600	Davari Shubham Santosh	Ab
1601	Jadhav Shubham Rajaram	Stathal
1602	Kadam Sanika Bhalchandra	Dradas
1603	Kadam Tejas Adhikrao	Ab
1604	Lad Abhay Sangram	Adeal
1605	Mohite Vaishnavi Dadaso	vash
1606	Nadaf Alfej Hamid	and
1607	Nalawade Saurabh Sunil	Aug
1608	Nerlekar Omkar Nandkumar	News
1609	Patil Prashant Nandkumar	Sofatil.
1610	Pawar Nikhil Mohan	Rower
1611	Pawar Sandesh Mahesh	Swan
1612	Pisal Digvijay Kailas	Rised
1613	Salunkhe Shraddha Kumar	810
1614	Salunkhe Yogesh Sudhakar	Salinlete
1615	Shinde Amruta Mahadev	Solved
1616	Yadav Prajval Sampatrao	Indaves

# Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)

#### **Department of Mathematics**

Magic in Math's 2021-22

**Attendance Sheet** 

		B.Sc.I												Month-																	
Sr. No	Name of the Student	17/11/21	-12/11/21	13/11/21	12/11/8/	20/11/21	12/11/21	-26/11/21	-27/11/21	-2/12/21	3/12/21	24/12/21	9112/21	10/12/21	11/12/21	16/12/21	17/12/21	18/12/21	-23/12/21	24/12/21	30/12/21	31/12/21	01/01/12	86/01/22	07/01/22	08/01/22	13/01/22	14/01/22	0	10	20/01/22
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2	Chavan Kishor Subhash	48ehava	Chehava	Cachava	Kenama	48chave	48chave	Legenare	A	4genavan	4 Senavar	PACINOMOR.	48enavaia	-Keloana	L'Adaman	+ Genovos	Lebena	to Sellon	- be perioded	A	Benara	HEDOOD	R. Park	1		-	1	1	MCChar	Meroda	- Constant
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4	Davari Shubham Santosh	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A		A	A	A	A	A	A	A	A	A	A
5	Jadhav Shubham Rajaram	Source	Spielle	Pace	Slaw	Shuls	Same	Suns	Sums	Saulas	Course	Suns	ame	- Marie Co	Camp	Suns	A	Games	Syner	Same	Sherry	Cherry	Charles	CORPO	Bare	Clany	Campara	Chank	Sand	Grand	Grown

6	Kadam Sanika Bhalchandra	Fallon	( Jackson	Brelam	Bullen	Bolom	Bulan	Bucken	Buchum	Prolom	Below	Gralam	Fielen	Relevo	Brolam	Bolum	Below	Bullen	Faster	Frolam	Bodem	Fredering.	Ledan	Brolom	Radons	Rodon)	Bolling	# Brolom	Fadem	Fredom	Fadim
7	Kadam Tejas Adhikrao	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
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13	Patil Prashant Nandkumar	Parti),	-Rutil	Rutit	RHIL	P.til.	Patile	Patil	Patil.	Patil.	postil.	Datile	Patile	Partile	BHIL	Prtil.	Patil	A	Patil.	Patili	Patil	batil.	Portil.	Patil.	Patil.	PATIL	114	Batil	Pril	Patil	Patil
14	Pawar Nikhil Mohan	Bench	(Nauvo	Baco	Burn	Resag	Ruga	Bures	(Chance)	Breeze	Danos	and the	Meur	Bhos	Remy	Burd	(News)	Blank	ales M	Jan D	Read	Rens	Bush	( ) Same	Some of the second	Men	A	Mana	Deno	Mary	Jan 1

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15	Pawar Sandesh Mahesh	March.	P. Driener &	POCINCIA	MACHECA &	PROLUCI &	Bouch	Marian	Marcha	Sport may	Bours &	MELLINGS	Bounds	PACIFICIA	800mds	Moducin	<b>M</b> Daway	<b>M</b> Dated 8	Mondis	Modució	88 devalo	Morror	A	ROCHOUSE	Pracar	Boand	MODIFICA	MOCIOCITY .	84 awas	Manal	MODENCIN
16	Pisal Digvijay Kailas	Diga 1.	Picol.	- Priscel-	Dicol	Pigot	Picch	Pinsal	Picul.	a	lo	Pisal.	- Risa F	Disal.	Pigal.	Disal.	Diga!	Pisal.	Digit.	Digal	Disal.	al.	Picol.	705	7	10	al.	301	MI	D3011	Disa!
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18	Salunkhe Yogesh Sudhakar	Salus	Ysalmb	Jeans	Gealle	yearn.	Game,	yearing	Comme	yealth	faller	Jeory	from	A	3	faller	Kume	raum	South .	Hammer	Rom	find	Baller	Kaller	Salun	Sommit	Same	Hamme	Stalum	Comme	Jeanna 1
19	Shinde Amruta Mahadev	Shinde	Thinge	Shinole	Shinde	Phinos	Things	Phinoc	Shinds	Phinac	Thinoc	Phinac	Sthing.	Mines	Things	Minde	Shinele	Shines	Thing	Ahinas	Shines	Shinds	Thinge	4 hinde	Shings	Sphinac	Shing /	Thinge	Minac	Shinds	Phynd c
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Co-ordinator

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

#### **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.

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

# 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

Name of the Student:

Marks: 50

Roll No.-

Que1. Solve the following questions.

10 Marks

i) If  $y = \tan x + \sec x$ , then show that  $d^2y / dx^2 = \cos x / (1-\sin x)^2$ 

ii) Determine the derivative of the function given by  $f(x) = \sin(x^2)$ .

Que.2 Solve the following questions.

10 Marks

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

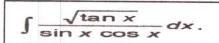
i) Find the solution for the differential equation  $x\left(\frac{dy}{dx}\right) + 2y = x^2$ , where  $x \neq 0$ .

ii) Solve  $\frac{dy}{dx} + x^5y = x^5y^7$ 

Que.4 Evaluate the following integrals.

10 Marks

i) Solve:



ii)

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

Que.5 Evaluate the following.

10 Marks

Evaluate 
$$\int_{0}^{\frac{1}{2}} \frac{x \sin^{-1} x}{\sqrt{1 - x^2}} dx$$

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	Morks
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	CO
Percentage	100%.

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.	Ē.)	Date:	
Name of the student:		Roll No	o:
1. What is your overall assessment of the second of the course of the co	4	sufficient – 5 = excellen 5	
3. Knowledge and information gained for	rom participation	at this course?	
Met your Expectations.  Will be useful/Applicable in my work	Yes	No.  Mostly Somehow	Same how  Not at all
4. Comments and Suggestions		VIOSELY SOMEHOW	Not at an

#### 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

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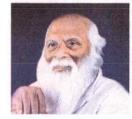
Principal,

Dr. PatangraoPfintipal, Jahavidyalaya,

Dr. Patangrao Kadain Wahavidyalaya, Ramanahanagar (Burli)







#### 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

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 Prasheint Nandkum	Roll No:	1609
FEEDBACK FORM  1. What is your overall assessment of the course? (1 = insufficiently and the course) and the course of the cours	cient – 5 = excellent) 5	
2. Which topics or aspects of the course did you find most in	teresting or useful?	R-
3. Knowledge and information gained from participation at t Met your Expectations.	his course?	Same how
Will be useful/Applicable in my work. Definitely	Mostly Somehow	Not at all
4. Comments and Suggestions		
		~~~~~~~~~~~~
		Y

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

# Department of Mathematics

	Value	<b>Added Cou</b>	rse 2021-22	
ourse Name: Magic in Maths.	. 1.8			Date:
me of the student: Sandes	sh r	luhesh	Pawcw	Roll No: 1611
	FEE	DBACK FOR	RM	
1. What is your overall assessm	ent of the c	course? (1 = in	sufficient – 5 = e	excellent)
1 2	3	4	5	el
2. Which topics or aspects of the production of the company of the	ma	ny mo	uthama	tical 1xiKS
Emilian de la companya de la company			- Z	The second second
3. Knowledge and information	gained from	n participatio	n at this course?	
Met your Expectations.		Yes	No.	Same how
Will be useful/Applicable in a	my work.	Definitely	Mostly Some	ehow Not at all
4. Comments and Suggestions			Same of the fatter of the fatt	
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#### Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)

#### Department of Mathematics

Value Added Course 2021-22

C	ours	se Name: Magic in Math	S.			Date: 10 -5 -2	2
N	ame	of the student: Shreed	idha kumar	Salunkhe	ranga at as Au	Roll No: 1613	
	1.	What is your overall as  1 2  Which topics or aspect	sessment of the of the of the course di many mather alay atomation gained from	id you find most	ufficient – 5 = e  5  t interesting or  1 ricks wh  at this course?	useful?	
	4.	Comments and Sugges		100			
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#### Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)

# Department of Mathematics

Value Added Course 2021-22

Cours	se Name: Magic in Maths.			Date:	9/05/22
Name	of the student: Salunkhe	yogesh	sudhalale	Roll No	: 1614
	it is also the	ent object	afrados y torio	Lister in the	
		FEEDI	BACK FORM		
1.	What is your overall assessme	ent of the cou	rse? (1 = insufficien	nt - 5 = excellent	)
	1 2	3	4	5	
2.	Which topics or aspects of the I found many used in day	mathe	moetical d		ch can
3.	Knowledge and information g	1	and the company of the	course?	adixor i
٥.		samed from p			Complete
	Met your Expectations.		Yes	No.	Same how
	Will be useful/Applicable in n	ny work. I	Definitely Mos	stly Somehow	Not at all
4.	Comments and Suggestions				
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					Signature

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

# Department of Mathematics

Value Added Course 2021-22

	value Auu	cu Course 20	21-22
Course Name: Magic in Maths.		175( -51)-180	Date: 10/05/22
Name of the student: Amruta	Mahader	Shinde	Roll No: 1615
	FEEDBA	CK FORM	
1. What is your overall assessm	ent of the course	e? (1 = insuffici	ent - 5 = excellent
1 2	3	4	5
2. Which topics or aspects of the	rany most	ematical	tricks which ean
wed in	day-to-di	ay life.	
3. Knowledge and information	7.	118 30 111101	
Met your Expectations.		Yes	No. Same how
Will be useful/Applicable in	my work. Def	initely M	ostly Somehow Not at all
4. Comments and Suggestions			
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			constitution of the contract o
			1. n



# Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)

#### Department of Mathematics Value Added Course 2021-22

Course Name: Magic in Maths.

Date: 19-05-2022

Nam	e of the student: Yadav	rajval sam	patrae Roll	II No: 1616	
		FEEDBACK FOR	RM		
1.	. What is your overall assessment o	of the course? $(1 = ir)$	sufficient - 5 = exce	llent)	
	1 2 3	4	5		
2.	Table of the cou		st interesting or use		u n
3.	Knowledge and information gaine	d from participation	n at this course?		
	Met your Expectations.	Yes	No.	Same how	
	Will be useful/Applicable in my wo	ork. Definitely	Mostly Somehov	w Not at all	
4.	Comments and Suggestions				
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# Rayat Shikshan Sanstha's Dr. Patangrao Kadam Mahavidyalaya, Ramana. **Department of Mathematics**

Value Added Course 2021-22

Cou	ise Name: Magic in Maths.		D	ate:
Van	e of the student: chouse =	Prerna Pr	asac R	oll No: 1539
		FEEDBACK FO	RM	
1	. What is your overall assessment of	the course? (1 = i	nsufficient - 5 = exc	ellent)
	1 2 3	4	5	_
2	Which topics or aspects of the cour	rse did you find mo	ost interesting or us	eful?
	I found many m	ay to day	life.	which can
			7	
3.	Knowledge and information gained	l from participatio	on at this course?	
	Met your Expectations.	Yes	No.	Same how
	Will be useful/Applicable in my wor	ork. Definitely	Mostly Someho	ow Not at all
4.	<b>Comments and Suggestions</b>			
	No.			

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

Department of Mathematics Value Added Course 2021-22

Course Name: Magic in Maths.	Date:
9	Date:

ne of the student: Jadhav	Sho	ubham 7	Rojaran	7. Roll No	0: 1601
	F	EEDBACK FO	DM		
Whatia					
What is your overall assessme	nt of the	e course? (1 =	insufficient –	5 = excellen	t)
1 2	3	4	5	. P	
Which topics or aspects of the	course	did you find m	ost interesting	or neeful?	
I found man	$\frac{y}{in}$	athematic	ul frick	s echh	ch can us
Knowledge and information ga		6	/		
Met your Expectations.		Yes	No.		Same how
Will be useful/Applicable in my	y work.	Definitely	Mostly S	omehow	Not at all
Comments and Suggestions					
	No.			10 COL 10 COL 100 COL	

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

Value Added Course 2021-22

Cours	e 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?  T found many mathematical tricks which can used  en 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
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# Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)

# Department of Mathematics Value Added Course 2021-22

		vaiu	e Added Course	2021-22	
Cours	se Name: Magic in Maths	· .		Date:	9105/22
Name	of the student: Low	abhay	Sangram	Roll No:	9105/22
		,			
		FE	EDBACK FORM		
1.	What is your overall ass	sessment of the	course? (1 = insuffi	cient - 5 = excellent)	
	1 2	3	4	5	
2.	Which topics or aspects	of the course of	lid you find most in	teresting or useful?	
	I found Used in				which cur
	USEQ IN a	day to	day like	- / ·	1-1-2-
3.	Knowledge and informa	tion gained fro	om participation at t	his course?	
	Met your Expectations.		Yes	No.	Same how
	Will be useful/Applicabl	e in my work.	Definitely	Mostly Somehow	Not at all
4.	Comments and Suggesti	ons			
			//		
	No.				

Aderof

# Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)

#### Department of Mathematics Value Added Course 2021-22

Course	Name:	Magic	in	Maths.
COMEDO	T 400 HILL O	TANGERIA	211	TATCHFILD.

Date:

Name of the student: Mohite	Vaishnavi Ped	aso Roll N	0: 1603
1. What is your overall assessm	FEEDBACK FOR		nt)
1 2	3 4	5	
2. Which topics or aspects of the	many mathema	utical tricks	which can
3. Knowledge and information			
Met your Expectations.	Yes	No.	Same how
Will be useful/Applicable in r	my work. Definitely	Mostly Somehow	Not at all
4. Comments and Suggestions			
	10.		

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# Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)

Department of Mathematics
Value Added Course 2021-22

	se Name: Magic in Maths.		. /	Date		
Vamo	e of the student: Nadaf	Alfel	Hamid	Roll	No: 1606	
		FI	EEDBACK FO	RM		
1.	What is your overall assessn					
			course: (1 - II	usumcient – 5 = excen	ent)	
	1 2	3	4	5		
2.	Which topics or aspects of the	ne course o	any much	ost interesting or useful mematical tric in clay to clay	to which a	מ
3	Knowledge and information				rije,	
J.	Knowledge and information	gained fro	om participatio	n 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					
			2/3			

Culs Signature

# Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)

Department of Mathematics Value Added Course 2021-22

	rse Name: Magic in Maths.				Date:			
am	e of the student: Malawa	note si	aurabh.	Stenil.	Roll No:	1607		
			EEDBACK FO					
1.	What is your overall assess	ment of the	e course? (1 =	insufficient – 5 =	excellent)			
	1 2	3	4	5				
2.	Which topics or aspects of t	many	mather	naticul +	Ticks	echich can		
	U	sed / i	in day A	o day lif	c,			
3.	Knowledge and information gained from participation at this course?							
	Met your Expectations.		Yes	No.		Same how		
	Will be useful/Applicable in	my woul-						
	se ascian applicable in	my work.	Definitely	Mostly Sor	nehow	Not at all		
4.	Comments and Suggestions							
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