



# 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 || NAAC Re-Accredited 'A' Grade (CGPA: 3.50)

02/01/2020

## NOTICE

### Department of Mathematics

The department is organizing a talk on “Glimpses of the Historical Development of Calculus” on January 13, 2020 at 11:00 am in Room No.33. The resource person for the talk is **Prof. Sudhir Ghorpade**, Department of Mathematics, Indian Institute of Technology Bombay, Mumbai. The talk is organized under DBT STAR College Scheme.

*For, J. Sawel*

Head,

Department of Mathematics

*Ushu*

PRINCIPAL

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



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Flyer of a talk on "Glimpses of the Historical Development of Calculus" by Prof. Ghorpade



Hindi Vidya Prachar Samiti's  
Ramniranjan Jhunjunwala College (Autonomous),  
Ghatkopar, Mumbai-400 086

**Department of Mathematics**

Organizes a Guest Lecture on  
*Glimpses of Historical Development of Calculus*  
By  
*Dr. Sudhir Ghorpade*  
(Professor, Department of Mathematics, IIT Bombay)

**Date: January 13, 2020 Time: 11:00 am to 12:00 noon**

**Venue: Room No. 33, 3<sup>rd</sup> floor**



*She*  
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## REPORT

**Name of the Activity:** - Guest lecture on 'Glimpses of the Historical Development of Calculus'

**Resource Person:** - Prof. Sudhir Ghorpade, IIT Bombay, Mumbai, Maharashtra.

**Brief Report:** - Prof. Sudhir Ghorpade delivered talk on historical development of calculus for undergraduate students. He talked about the concepts of limits, continuity, differentiation, and integration. Particular focus of his talk was on relation between differentiation and integration. He also explained the method of finding value of 'pi' using integration.

**Number of beneficiaries:** 53 (49 students + 4 Teachers)

**Date:** 13<sup>th</sup> Jan. 2020

**Time:** 11:00 am to 12:00 noon

**Venue:** Room no. 33 (Third floor)

*Ushu*

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*for, J. J. Sawad*

Head,

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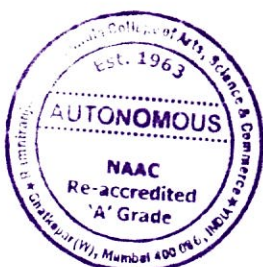
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Photo of a talk on "Glimpses of the Historical Development of Calculus" by Sudhir Ghorpade



*Ushu*  
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## List of Participants (A talk by Sudhir Ghorpade, 13 January 2020)

Sr No.	Name of Participant	College/Institute	Student/Teacher	Class	Roll No.
1	Shaikh Tooba	Ramniranjan Jhunjhunwala College	Student	SYBSC	333
2	Shaikh Kanees Fatima	Ramniranjan Jhunjhunwala College	Student	SYBSC	332
3	Kanojiya Laxmi Ramsurat	Ramniranjan Jhunjhunwala College	Student	TYBSC	337
4	Shaikh Afrin	Ramniranjan Jhunjhunwala College	Student	TYBSC	318
5	Alok Tiwari	Ramniranjan Jhunjhunwala College	Student	SYCS	75
6	Sachin Yadav	Ramniranjan Jhunjhunwala College	Student	SYCS	105
7	Chetan C. Pathan	Ramniranjan Jhunjhunwala College	Student	SYCS	47
8	Pandey Sachin	Ramniranjan Jhunjhunwala College	Student	SYCS	43
9	Prajapati Kunal	Ramniranjan Jhunjhunwala College	Student	SYCS	49
10	Vikas Santosh Sharma	Ramniranjan Jhunjhunwala College	Student	SYBSC	221
11	Gupta Priyanshu Rajesh	Ramniranjan Jhunjhunwala College	Student	SYBSC	10
12	Gupta Pooja Deepchandra	Ramniranjan Jhunjhunwala College	Student	SYBSC	08
13	Tanvi Musadkar	Ramniranjan Jhunjhunwala College	Student	SYBSC	38
14	Neha Pandey	Ramniranjan Jhunjhunwala College	Student	SYBSC	213
15	Sandhya Vishwakarma	Ramniranjan Jhunjhunwala College	Student	SYBSC	228
16	Shaikh Sufiya	Ramniranjan Jhunjhunwala College	Student	SYBSC	220
17	Nirmala Kanojiya	Ramniranjan Jhunjhunwala College	Student	SYBSC	310
18	Yogesh Verma	Ramniranjan Jhunjhunwala College	Student	SYBSC	328
19	Dubey Jyoti Pramod Savita	Ramniranjan Jhunjhunwala College	Student	SYBSC	305



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*[Signature]*  
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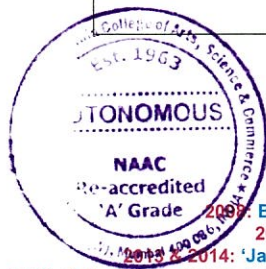
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Sr No.	Name of Participant	College/Institute	Student/Teacher	Class	Roll No.
20	Neeta R. Yadav	Ramniranjan Jhunjunwala College	Student	SYBSC	346
21	Komal R. Pal	Ramniranjan Jhunjunwala College	Student	SYBSC	317
22	Ansari Zinatjahan B.	Ramniranjan Jhunjunwala College	Student	SYBSC	201
23	Mishra Pinka M.	Ramniranjan Jhunjunwala College	Student	SYBSC	315
24	Vishwarkarma Sudha	Ramniranjan Jhunjunwala College	Student	SYBSC	345
25	Ratan Yogi	Ramniranjan Jhunjunwala College	Student	SYBSC	351
26	Manish Santosh Patel	Ramniranjan Jhunjunwala College	Student	SYBSC	323
27	Maurya Vivek	Ramniranjan Jhunjunwala College	Student	SYBSC	313
28	Neligonda Peter	Ramniranjan Jhunjunwala College	Student	SYBSC	315
29	Ansari Sohail	Ramniranjan Jhunjunwala College	Student	SYBSC	101
30	Amol	Ramniranjan Jhunjunwala College	Student	SYBSC	37
31	Hritik	Ramniranjan Jhunjunwala College	Student	SYBSC	97
32	Mitesh	Ramniranjan Jhunjunwala College	Student	SYBSC	96
33	Akshay Singh	Ramniranjan Jhunjunwala College	Student	SYBSC	71
34	Singh Nandini R.	Ramniranjan Jhunjunwala College	Student	SYBSC	66
35	Khushbu Yadav	Ramniranjan Jhunjunwala College	Student	SYBSC	89
36	Rahul Sharma	Ramniranjan Jhunjunwala College	Student	SYBSC	61
37	Sunny Chaudhari	Ramniranjan Jhunjunwala College	Student	SYBSC	95
38	Abhishek Kher	Ramniranjan Jhunjunwala College	Student	SYBSC	210



*Ushu*  
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Sr No.	Name of Participant	College/Institute	Student/Teacher	Class	Roll No.
39	Abhishek Sahani	Ramniranjan Jhunjunwala College	Student	SYBSC	742
40	Pratik Lad	Ramniranjan Jhunjunwala College	Student	SYBSC	24
41	Abhishek Tejbahadur Yadav	Ramniranjan Jhunjunwala College	Student	SYBSC	80
42	Shaikh Akram	Ramniranjan Jhunjunwala College	Student	SYBSC	58
43	Yash Walke	Ramniranjan Jhunjunwala College	Student	SYBSC	79
44	Varun Yadav	Ramniranjan Jhunjunwala College	Student	SYBSC	82
45	Yadav Shyamkumar S.	Ramniranjan Jhunjunwala College	Student	SYBSC	91
46	Satyam Patel	Ramniranjan Jhunjunwala College	Student	SYBSC	215
47	Vishwakarma Sachin	Ramniranjan Jhunjunwala College	Student	SYBSC	344
48	Sandeep Yadav	Ramniranjan Jhunjunwala College	Student	SYBSC	777
49	Pratiksha S. Kadam	Ramniranjan Jhunjunwala College	Student	SYBSC	18
50	Mary Jossy	Ramniranjan Jhunjunwala College	Teacher	--	--
51	Indrasingh Saud	Ramniranjan Jhunjunwala College	Teacher	--	--
52	Ajaykumar Shukla	Ramniranjan Jhunjunwala College	Teacher	--	--
53	Sanket Tikare	Ramniranjan Jhunjunwala College	Teacher	--	--

For,  
Head,  
Department of Mathematics

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## CERTIFICATE



Hindi Vidya Prachar Samiti's

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## CERTIFICATE OF PARTICIPATION

This is to certify that

**Ms. Neeta R Yadav**

Of SYBSc Roll No 346

has attended the session on **Glimpses of The Historical Development of Calculus** held on 13<sup>th</sup> January 2020 organized by **Department of Mathematics**.

*Mary Josy*

Dr. Mary Josy  
Head, Department of Commerce

*Usha*

Dr. Usha Mukundan  
Principal



*Usha*

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