



# B.P.H.E. SOCIETY'S AHMEDNAGAR COLLEGE, AHMEDNAGAR

A Christian Minority Institution

Affiliated to Savitribai Phule Pune University. Id No. PU/AN/ASC/01/1947

- 'B++' Grade Accreditation by NAAC, Bangalore
- 'College with Potential for Excellence' Award by the UGC, New Delhi
- 'Best College' Award by the University of Pune
- 'Educational Excellence Award' by the Brands Academy, New Delhi
- Most Promising Educational Institute in Maharashtra by Worldwide Achievers, New Delhi.
- 'International Quality Award for Excellence in Higher Education' by Brands Impact.
- 'Best College in Maharashtra for Innovative Educational Programs' by APS Research and Media.
- 'The Most Promising Degree College in West India' by Prime Time Research Media Pvt. Ltd.

**Dr. R.J. Barnabas**  
Principal

10/09/2018

Ref. No. To,  
The Principal,  
Radhabai Kale Mahila Mahavidyalaya, Ahmednagar.

Date :

Subject: Madhava Mathematics Competition January 2019.

Dear Sir,

Homi Bhabha Centre for Science Education T. I. F. R. Mumbai, funded by National Board for Higher Mathematics, will be organizing a competition, primarily for S.Y.B.Sc. and S.Y.B.Sc. (Comp Sc.) students of the colleges. Interested students of F.Y.B.Sc. and T.Y.B.Sc. are also eligible. The detailed information of the competition is attached herewith.

Ahmednagar College is the centre for Ahmednagar Region to conduct the competition. Please hand over the poster for advertisement of the competition to the Mathematics teacher of your college.

Please ask the concerned faculty member to publicize the event and motivate the students to participate in the competition; and send the list of students desiring to participate in the competition, along with their fees, to the following address.

With warm regards,

For further information please contact:

Prof. S. S. Munot - 9158886810, Email: sumati.munot@gmail.com

Prof. S. A. Ghule- 9423791515, Email: ghule.sa@gmail.com

S. S. Munot  
The Coordinator,  
Madhava Mathematics Competition  
Ahmednagar Region

Dr. R. J. Barnabas  
Principal

**Rayat Shikshan Sanstha's**  
**Radhabai Kale Mahila Mahavidyalaya, Ahmednagar**  
**Department of Mathematics**

Date: 01/01/2019


**NOTICE**

All the students of mathematics are hereby informed that a **Madhava Mathematics Competition Examination** will be held on Sunday 06<sup>th</sup> January, 2019. Those Students are participated come at 11.30 a.m.

Examination Time: 12 noon to 03.00 p.m.

  
Head  
Department of Mathematics  
R.K.M.M. Ahmednagar



  
PRINCIPAL  
Radhabai Kale Mahila Mahavidyalaya  
Ahmednagar

## Madhava Mathematics Competition

Date: 06 January 2019

Time : 12.00 noon to 03.00 p.m.

Centre : Radhabai Kale Mahila Mahavidyalaya, Ahmednagar

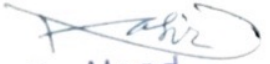


Sr.No.	Seat No	Name	Class	College
1	AH25001	Andhale Komal Dharmnath	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
2	AH25002	Badadhe Amruta Subhash	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
3	AH25003	Bhujbal Shraddha Balasaheb	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
4	AH25004	Ghorpade Komal Dipak	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
5	AH25005	Gunjal Aishwarya Keshav	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
6	AH25006	Sanap Rohini Ramdas	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
7	AH25007	Shinde Trupti Ramdas	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
8	AH25008	Thorat Kaveri Suresh	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
9	AH25009	Athare Akshada Ashok	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
10	AH25010	Aute Laxmi Ajinath	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
11	AH25011	Aware Nikita Ashok	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
12	AH25012	Bandal Pooja Suryakant	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
13	AH25013	Berad Kanchan Machhindra	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
14	AH25014	Bhandari Rajeshwari Santosh	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
15	AH25015	Bhite Jyoti Rangnath	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
16	AH25016	Bhoge Ashwini Balasaheb	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
17	AH25017	Bhoge Rutuja Ravindra	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
18	AH25018	Borkar Reshma Raosaheb	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
19	AH25019	Dalvi Kalyani Annasaheb	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
20	AH25020	Darkunde Rohini Jalindar	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
21	AH25021	Dhobe Shubhangi Jaydeo	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
22	AH25022	Gagare Swati Suresh	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
23	AH25023	Ghugarkar Rutuja Sukhadev	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar

24	AH25024	Jadhav Swati Balasaheb	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
25	AH25025	Kandekar Shweta Jayendra	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
26	AH25026	Karande Savita Sarjerao	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
27	AH25027	Khomane Rohini Sudhakar	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
28	AH25028	Kothawale Shivani Dattatray	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
29	AH25029	Kurhe Komal Gorakshnath	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
30	AH25030	Langore Gayatri Sanjay	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
31	AH25031	Mandage Pragati Tanhaji	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
32	AH25032	Mhaske Rani Sambhaji	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
33	AH25033	Nagawade Kirti Ravindra	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
34	AH25034	Nikam Priti Suresh	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
35	AH25035	Ovhal Shilpa Ramdas	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
36	AH25036	Pansare Vaishnavi Rajendra	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
37	AH25037	Parate Mayuri Ankush	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
38	AH25038	Parbhane Prajakta Sanjay	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
39	AH25039	Parbhane Suhani Sanjay	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
40	AH25040	Pawar Manisha Ramesh	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
41	AH25041	Phadake Pooja Sandip	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
42	AH25042	Sase Pranali Sabaji	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
43	AH25043	Sathe Vaishnavi Suresh	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
44	AH25044	Satpute Ashwini Bhausahab	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
45	AH25045	Sayyed Nafeesa Mazharulhaq	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
46	AH25046	Shaikh Laiba Sajid	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
47	AH25047	Shaikh Sadiya Shakil	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
48	AH25048	Siddham Snehal Ravindra	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
49	AH25049	Tambe Harshada Rajnikant	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
50	AH25050	Tawale Mayuri Ankush	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
51	AH25051	Wabale Usha Rajendra	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
52	AH25052	Warule Pratiksha Bhausahab	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar



53	AH25053	Zende Shital Jaysing	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
54	AH25054	Zine Mangal Balu	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
55	AH25055	Auti Komal Kailas	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
56	AH25056	Avhad Swati Bharat	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
57	AH25057	Bedre Gitanjali Arun	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
58	AH25058	Dahatonde Urmila Dattatray	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
59	AH25059	Dangore Ekta Bharat	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
60	AH25060	Ghodke Pratiksha Balasaheb	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
61	AH25061	Gupta Rakhi Pushpendra	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
62	AH25062	Hajare Vidya Adinath	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
63	AH25063	Kaldate Mayuri Bhausaheb	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
64	AH25064	Kalokhe Venutai Vittal	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
65	AH25065	Kandake Rohini Raosaheb	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
66	AH25066	Khair Sakshi Balasaheb	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
67	AH25067	Khan Yasmin Md.Akram	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
68	AH25068	Kurhade Sujata Somnath	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
69	AH25069	Lotake Rajashri Sukumar	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
70	AH25070	Mate Priya Sopan	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
71	AH25071	Mujawar Saniya Akbar	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
72	AH25072	Pawar Komal Bhaskar	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
73	AH25073	Rode Pooja Bhaskar	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
74	AH25074	Tarate Kajal Balasaheb	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
75	AH25075	Thombare Vaishali Raosaheb	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
76	AH25076	Thorat Akshada Vilas	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar

  
 Head  
 Department of Mathematics  
 R.K.M.M. Ahmednagar



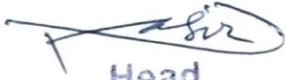
  
 PRINCIPAL  
 Radhabai Kale Mahila Mahavidyalaya  
 Ahmednagar

Rayat Shikshan Sanstha's  
Radhabai Kale Mahila Mahavidyalaya Ahmednagar  
Department of Mathematics  
Madhava Mathematics Competition 2019

Date: 06 January 2019

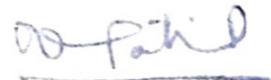
Time: 12.00 noon to 03.00 p.m.

Seating Arrangement			
Block No.	Hall No.	Exam Seat No.	Total
1	24	AH25001 to AH25025	25
2	25	AH25026 to AH25050	25
3	27	AH25051 to AH25076	26



Head

Department of Mathematics  
R.K.M.M. Ahmednagar



PRINCIPAL

Radhabai Kale Mahila Mahavidyalaya  
Ahmednagar




## MADHAVA MATHEMATICS COMPETITION -2019

# CERTIFICATE

This certificate is awarded to **GHODKE PRATIKSHA BALASAHEB** a student of **RADHABAI KALE MAHILA MAHAVIDYALAYA, AHMEDNAGAR** for her distinguished performance in the National level **MADHAVA MATHEMATICS COMPETITION-2019** held on 6<sup>th</sup> Jan 2019, organized by **AHMEDNAGAR COLLEGE, AHMEDNAGAR** for Ahmednagar Region on behalf of **HOMI BHABHA CENTER FOR SCIENCE EDUCATION, TIFR., MUMBAI**.

She secured **CONSOLATION** prize among all students of T.Y.B.Sc. appeared for the competition.

  
(Dr. R. J. Barnabas)

Principal



(Prof. S.S. Munot)

Regional Coordinator



**Dr. R. J. Barnabas**  
Principal

BPHE Society's  
**AHMEDNAGAR COLLEGE, AHMEDNAGAR**

A Christian Minority Institution

(Affiliated to University of Pune. Id No. PU/AN/ASC/01/1947)

NAAC Accredited 'A' Grade College  
"College with Potential for Excellence" Awarded by UGC  
"Best College Award" by University of Pune

Ref. No.

Date :

To ,

The Principal,

Radhabai Kale Mahila Mahavidyalaya, Ahmednagar.

**Subject : Madhava Mathematics Competition January -2019**

Respected Sir,

We are very happy to inform you that the names of the following students of your college appear in the list of prize winners from **Ahmednagar Region** at the **Madhava Mathematics Competition** which was held on 6<sup>th</sup> January 2019.

Sr.No.	Name	Class	Rank
1	Jadhav Swati Balasaheb	S.Y.B.Sc.	Third
2	Parbhane Suhani Sanjay	S.Y.B.Sc.	Consolation
3	Sase Pranali Sabaji	S.Y.B.Sc.	Consolation
4	Warule Pratiksha Bhausahab	S.Y.B.Sc.	Consolation
5	Ghodke Pratiksha Balasaheb	T.Y.B.Sc.	Consolation
6	Kurhade Sujata Somnath	T.Y.B.Sc.	Consolation

It was **National Level Competition** organized by **Homi Bhabha Centre for Science Education T.I.F.R., Mumbai.**

Date: 11/03/2019

Yours Sincerely,

**Prof. S. S. Munot**  
Regional Coordinator  
Madhava Mathematics Competition  
Ahmednagar Region





# BPHE SOCIETY'S AHMEDNAGAR COLLEGE, AHMEDNAGAR

A Christian Minority Institution

Affiliated to Savitribai Phule Pune University, Pune. Id No. PU/AN/ASC/01/1947



AISHE Code : C-41242

Post Box No. 21, Station Road, Ahmednagar - 414 001. (M.S.) India Tel. RIVERSIDE Fax : (0241) 2322415, Ph. No. : 2359571, 2354162, 2354164.

E-mail: ahmednagarcollege1947@gmail.com Web site - www.aca.edu.in

Ref. No.:

Date :

01/10/2019

To,  
The Principal,  
Radhabai Kale Mahila Mahavidyalaya, Ahmednagar.

Subject: Madhava Mathematics Competition January 2020.

Dear Sir,

Homi Bhabha Centre for Science Education T. I. F. R. Mumbai, funded by National Board for Higher Mathematics, will be organizing a competition, primarily for S.Y.B.Sc. and S.Y.B.Sc. (Comp. Sc.) students of the colleges. Interested students of F.Y.B.Sc. and T.Y.B.Sc. are also eligible. The detailed information of the competition is attached herewith.

Ahmednagar College is the centre for Ahmednagar Region to conduct the competition. Please hand over the poster for advertisement of the competition to the Mathematics teacher of your college.

Please ask the concerned faculty member to publicize the event and motivate the students to participate in the competition; and send the list of students desiring to participate in the competition, along with their fees, to the following address.

With warm regards,

For further information please contact:

Prof. S. S. Munot - 9158886810, Email: sumati.munot@gmail.com

Prof. S. A. Ghule- 8329103335, Email: ghule.sa@gmail.com

S. S. Munot  
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Dr. R. J. Barnabas  
Principal

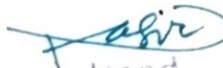
**Rayat Shikshan Sanstha's**  
**Radhabai Kale Mahila Mahavidyalaya, Ahmednagar**  
**Department of Mathematics**

Date: 08/01/2020

**NOTICE**

All the students of mathematics are hereby informed that **Madhava Mathematics Competition Examination** will be held on Sunday 12<sup>th</sup> January, 2020. The participating students should come at 11.30 a.m. to the college.

Examination Time: 12 noon to 03.00 p.m.

  
Head  
Department of Mathematics  
R.K.M.M. Ahmednagar



  
PRINCIPAL  
Radhabai Kale Mahila Mahavidyalaya  
Ahmednagar

## Madhava Mathematics Competition

Date: 12 January 2020 Time : 12.00 noon to 03.00 p.m.

Centre : Radhabai Kale Mahila Mahavidyalaya, Ahmednagar



Sr.No.	Seat No.	Name	Class
1	AH25001	Adhav Bhavna Arun	F.Y.B.Sc.
2	AH25002	Athare Maya Ashok	F.Y.B.Sc.
3	AH25003	Bansode Priyanka Dattu	F.Y.B.Sc.
4	AH25004	Dagade Anuja Laxman	F.Y.B.Sc.
5	AH25005	Darekar Anjali Rajendra	F.Y.B.Sc.
6	AH25006	Dhumal Pratiksha Bhausahab	F.Y.B.Sc.
7	AH25007	Ghugarkar Renuka Dnyandev	F.Y.B.Sc.
8	AH25008	Hapse Pallavi Dnyandeo	F.Y.B.Sc.
9	AH25009	Jadhav Mayuri Dattatray	F.Y.B.Sc.
10	AH25010	Khan Aafrin Akram	F.Y.B.Sc.
11	AH25011	Mhaske Sunita Sahebrao	F.Y.B.Sc.
12	AH25012	Pandarkar Ashwini Anil	F.Y.B.Sc.
13	AH25013	Parbhane Rutuja Ramesh	F.Y.B.Sc.
14	AH25014	Salve Shivani Amarkumar	F.Y.B.Sc.
15	AH25015	Andhale Komal Dharmnath	S.Y.B.Sc.
16	AH25016	Badadhe Amruta Subhash	S.Y.B.Sc.
17	AH25017	Berad Vijaya Bhausahab	S.Y.B.Sc.
18	AH25018	Bhujbal Shradha Balasaheb	S.Y.B.Sc.
19	AH25019	Borkar Arti Namdev	S.Y.B.Sc.
20	AH25020	Chavhan Dipali Bhausahab	S.Y.B.Sc.
21	AH25021	Dahitule Shubhangi Gorakshnath	S.Y.B.Sc.
22	AH25022	Gadakh Akshada Ishwar	S.Y.B.Sc.
23	AH25023	Gangarde Sonali Raju	S.Y.B.Sc.
24	AH25024	Ghorpade Komal Dipak	S.Y.B.Sc.
25	AH25025	Gunjal Aishwarya Keshav	S.Y.B.Sc.
26	AH25026	Ithape Arati Bankat	S.Y.B.Sc.
27	AH25027	Khan Saba Javed	S.Y.B.Sc.
28	AH25028	Lonkar Dhanshree Rajendra	S.Y.B.Sc.
29	AH25029	Mandlik Aarti Anil	S.Y.B.Sc.
30	AH25030	Mate Jayashri Annasaheb	S.Y.B.Sc.
31	AH25031	Mate Vrushali Prabhakar	S.Y.B.Sc.
32	AH25032	Sanap Rohini Ramdas	S.Y.B.Sc.
33	AH25033	Sasane Sakshi Sanjay	S.Y.B.Sc.

34	AH25034	Sase Komal Ramchandra	S. Y. B. Sc.
35	AH25035	Sase Shital Balasaheb	S. Y. B. Sc.
36	AH25036	Shete Aarti Rajendra	S. Y. B. Sc.
37	AH25037	Shinde Trupti Ramdas	S. Y. B. Sc.
38	AH25038	Thorat Kaveri Suresh	S. Y. B. Sc.
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50	AH25050	Ovhal Shilpa Ramdas	T. Y. B. Sc.
51	AH25051	Pansare Vaishnavi Rajendra	T. Y. B. Sc.
52	AH25052	Parate Mayuri Subhash	T. Y. B. Sc.
53	AH25053	Parbhane Prajakta Sanjay	T. Y. B. Sc.
54	AH25054	Phadake Pooja Sandip	T. Y. B. Sc.
55	AH25055	Patil Prajakta Ramesh	T. Y. B. Sc.
56	AH25056	Satpute Ashwini Bhausahab	T. Y. B. Sc.
57	AH25057	Shaikh Sadiya Shakil	T. Y. B. Sc.
58	AH25058	Shaikh Laiba Sajid	T. Y. B. Sc.
59	AH25059	Siddham Snehal Ravindra	T. Y. B. Sc.
60	AH25060	Warule Pratiksha Bhausahab	T. Y. B. Sc.
61	AH25061	Waykar Suvarna Vijay	T. Y. B. Sc.
62	AH25062	Zende Shital Jaysing	T. Y. B. Sc.
63	AH25063	Zine Mangal Balu	T. Y. B. Sc.
64	AH25064	Nalage Akshta Pandurang	F. Y. B. Sc.
65	AH25065		
66	AH25066		
67	AH25067		
68	AH25068		
69	AH25069		
70	AH25070		
71	AH25071		
72	AH25072		

  
Head

Department of Mathematics  
R.K.M.M. Ahmednagar




  
PRINCIPAL  
Radhabai Kale Mahila Mahavidyalaya  
Ahmednagar

Rayat Shikshan Sanstha's  
Radhabai Kale Mahila Mahavidyalaya Ahmednagar  
Department of Mathematics  
Madhava Mathematics Competition Examination 2020

Date: 12<sup>th</sup> January, 2020

Time: 12.00 noon to 03.00 p.m.

Seating Arrangement			
Block No.	Hall No.	Exam Seat No.	Total
1	48	AH25001 to AH25030	30
2	49	AH25031 to AH25064	34

  
Head  
Department of Mathematics  
R.K.M.M. Ahmednagar



  
PRINCIPAL  
Radhabai Kale Mahila Mahavidyalaya  
Ahmednagar



## **MADHAVA MATHEMATICS COMPETITION -2020**

### **CERTIFICATE**

This certificate is awarded to **PHADAKE POOJA SANDIP** a student of **RADHABAI KALE MAHILA MAHAVIDYALAYA, AHMEDNAGAR** for her distinguished performance in the National level **MADHAVA MATHEMATICS COMPETITION-2020** held on 12<sup>th</sup> Jan 2020, organized by **AHMEDNAGAR COLLEGE, AHMEDNAGAR** for Ahmednagar Region on behalf of **HOMI BHABHA CENTER FOR SCIENCE EDUCATION, TIFR., MUMBAI**.

She secured **SECOND** prize among all students of T.Y.B.Sc. appeared for the competition.

  
(Dr. R. J. Barnabas)

Principal

  
(Prof. S.S. Munot)

Regional Coordinator

Rayat Shikshan Sanstha's



# Radhabai Kale Mahila Mahavidyalaya, Ahmednagar

Department of Mathematics

## Madhava Mathematics Competition

Sr. No.	Academic Year	No. of Student Participated	Name of the Prize winners
01	2019-2020	64	1. Phadake Pooja Sandip 2. Patil Prajakta Ramesh 3. Gadakh Akshada Ishwar

Head

Department of Mathematics  
R.K.M.M. Ahmednagar

PRINCIPAL

Radhabai Kale Mahila Mahavidyalaya  
Ahmednagar



**B.P.H.E. SOCIETY'S**  
**AHMEDNAGAR COLLEGE, AHMEDNAGAR**

**A Christian Minority Institution**

Affiliated to Savitribai Phule Pune University. Id No. PU/AN/ASC/O1/1947

**Dr. R.J. Barnabas**  
Principal

- 'B++' Grade Accreditation by NAAC, Bangalore
- 'College with Potential for Excellence' Award by the UGC, New Delhi
- 'Best College' Award by the University of Pune
- 'Educational Excellence Award' by the Brands Academy, New Delhi
- Most Promising Educational Institute in Maharashtra by Worldwide Achievers, New Delhi.
- 'International Quality Award for Excellence in Higher Education' by Brands Impact.
- 'Best College in Maharashtra for Innovative Educational Programs' by APS Research and Media.
- 'The Most Promising Degree College in West India' by Prime Time Research Media Pvt. Ltd.
- A.I.S.H.E. Code : C-41242

20/10/2022

To,  
The Principal,  
Radhabai Kale Mahavidyalaya, Ahmednagar.

**Subject: Madhava Mathematics Competition 2023.**

Dear Sir,

Homi Bhabha Centre for Science Education T. I. F. R. Mumbai and Department of Mathematics, S.P. College, Pune funded by National Board for Higher Mathematics, will be organizing a competition, primarily for S. Y. B. Sc. and S. Y. B. Sc. (Comp. Sc.) students of the Colleges. The detailed information of the competition is in poster which is attached herewith. As we are organizing the competition fully in paper and pen (offline) mode after a couple of years.

Ahmednagar College is the main center for Ahmednagar Region to conduct the competition.

Please ask the concerned faculty member to publicize the event and motivate the students to participate in the competition and send the list of students desiring to participate in the competition, along with their fees, to the following address.

The students of F.Y.B.Sc., F.Y.B.Sc.(Comp.Sc.), S.Y.B.Sc., S.Y.B.Sc.(Comp.Sc.) and T.Y.B.Sc. (Mathematics) can participate in this competition.

Shri. S.A. Ghule  
The Coordinator,  
(Madhava Mathematics Competition)  
Department of Mathematics,  
Ahmednagar College, Ahmednagar.  
Email: ghule.sa@gmail.com

With warm regards,

For further information please contact: 1.Prof. S. A. Ghule - 9423791515  
2.Prof. S.B. Gandhale - 9272517895.

S. A. Ghule  
Department of Mathematics.

4/3  
31/10/2022

Dr. R. J. Barnabas.  
Principal

Head  
Maths Dept  
SAT  
31.10.22





Rayat Shikshan Sanstha's

## Radhabai Kale Mahila Mahavidyalaya, Ahmednagar

Reaccredited with 'A' Grade by NAAC/An ISO 9001:2015 Certified College

Affiliated to Savitribai Phule Pune University, Pune (PU/AN/ASC/034)

### Department of Mathematics

Date: 27/01/2023

#### NOTICE

All the students of mathematics are hereby informed that **Madhava Mathematics Competition Examination** will be held on Sunday 29<sup>th</sup> January, 2023. The participating students should come at 11.30 a.m. to the college.

Examination Time: 12 noon to 03.00 p.m.

  
Head  
Department of Mathematics  
R.K.M.M. Ahmednagar

  
PRINCIPAL  
Radhabai Kale Mahila Mahavidyalaya  
Ahmednagar

## Madhava Mathematics Competition

Date: 29 January 2023

Time : 12.00 noon to 03.00 p.m.

Centre : Radhabai Kale Mahila Mahavidyalaya, Ahmednagar

Sr.No.	Seat No.	Name	Class	College
1	AH25001	Avhad Puja Balasaheb	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
2	AH25002	Avhad Sonali Arjun	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
3	AH25003	Bavane Punam Devidas	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
4	AH25004	Bothe Puja Bhausahab	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
5	AH25005	Chore Nikita Eknath	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
6	AH25006	Gaikwad Dnyaneshwari Ramesh	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
7	AH25007	Khomane Shital Shivaji	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
8	AH25008	Kshirsagar Vaishnavi Raju	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
9	AH25009	Pawar Komal Dnyaneshwar	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
10	AH25010	Pol Nikita Suresh	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
11	AH25011	Ransing Apurva Shahaji	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
12	AH25012	Wakade Sayali Vishal	F.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
13	AH25013	Bakare Vaishnavi Rajendra	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
14	AH25014	Borhade Nutan Santosh	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
15	AH25015	Ghorpade Ankita Rajendra	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
16	AH25016	Khan Shifa Zakir	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
17	AH25017	Momine Halima Hamid	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
18	AH25018	Padar Vaishnavi Vijaykumar	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
19	AH25019	Qureshi Arshin Najir Ahmed	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
20	AH25020	Sayyed Tasmiya Latif	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
21	AH25021	Shaikh Bushra Khalid	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
22	AH25022	Shaikh Naaz Jabir	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar

23	AH25023	Shinde Aakanksha Shahadev	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
24	AH25024	Waghumbare Rutuja Ashok	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
25	AH25025	Takale Chhakuli Arjun	S.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
26	AH25026	Bhosale Rutuja Suresh	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
27	AH25027	Mahadik Archana Vishnu	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
28	AH25028	Sase Shivani Vijay	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
29	AH25029	Shaikh Ayesha Shahabuddin	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar
30	AH25030	Shaikh Sadaf Sabir	T.Y.B.Sc.	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar

  
Head

Department of Mathematics  
R.K.M.M. Ahmednagar



PRINCIPAL  
Radhabai Kale Mahila Mahavidyalaya  
Ahmednagar



Rayat Shikshan Sanstha's

# Radhabai Kale Mahila Mahavidyalaya, Ahmednagar

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Affiliated to Savitribai Phule Pune University, Pune (PU/AN/ASC/034)

## Department of Mathematics

Date: 29<sup>th</sup> January, 2023

Time: 12.00 noon to 03.00 p.m.

Seating Arrangement			
Block No.	Hall No.	Exam Seat Number	Total
1	49	AH25001 to AH25030	30
2	Spot Entries		

  
Head

Department of Mathematics  
R.K.M.M. Ahmednagar

  
PRINCIPAL  
Radhabai Kale Mahila Mahavidyalaya  
Ahmednagar

**MADHAVA MATHEMATICS COMPETITION**  
**(A Mathematics Competition for Undergraduate Students)**  
**Organized by**  
**Department of Mathematics, S. P. College, Pune (Autonomous)**  
**and**  
**Homi Bhabha Centre for Science Education, T.I.F.R., Mumbai**

Date: 29/01/2023

Max. Marks: 100

Time: 12.00 noon to 3.00 p.m.

**N.B.:** Part I carries 20 marks, Part II carries 30 marks and Part III carries 50 marks.

**Part I**

**N.B.** Each question in Part I carries 2 marks.

1. The number of positive divisors of  $2^{24} - 1$  is  
(A) 192 (B) 48 (C) 96 (D) 24.
2. The equation  $\operatorname{Re}(z^2) = 0$  represents  
(A) a circle (B) a pair of straight lines (C) an ellipse (D) a parabola.
3. If  $A = \begin{pmatrix} \alpha & 2 \\ 2 & \alpha \end{pmatrix}$  and  $\det A^3 = 125$ , then the values of  $\alpha$  are  
(A)  $\pm 1$  (B)  $\pm 2$  (C)  $\pm 3$  (D)  $\pm 5$ .
4. Let  $A, B, C$  be three non-collinear points in a plane. The number of points at a distance 1 from  $A$ , 2 from  $B$  and 3 from  $C$  is  
(A) exactly 1 (B) at most 1 (C) at most 2 (D) always 0.
5. Let  $A = \{x \in [-2, 3] : \cos x > 0\}$ . Then  
(A)  $\inf A = 0$  (B)  $\sup A = \pi$  (C)  $\inf A = -\pi/2$  (D)  $\sup A = 3$ .
6. Let  $\{a_n\}$  be a sequence of real numbers such that  $|a_{n+1} - a_n| \leq \frac{2023}{n}|a_n - a_{n-1}|, \forall n$ .  
Then the sequence  $\{a_n\}$  is  
(A) not Cauchy (B) Cauchy but not convergent (C) convergent (D) not bounded.
7. Let  $f : \mathbb{R} \rightarrow \mathbb{R}$  be a continuous function and  $F$  be a primitive of  $f$  (i.e.  $F' = f$ ). If  $3x^2 F(x) = f(x)$  for all  $x \in \mathbb{R}$  then  $f(x) =$   
(A)  $e^{x^3}$  (B)  $3x^2 e^{x^3}$  (C)  $x^2 e^{x^2}$  (D)  $3x e^{x^3}$ .
8.  $1 \times 2 - 2 \times 3 + 3 \times 4 - 4 \times 5 + \dots - (2022) \times (2023) =$   
(A)  $(-2)(1011)(1012)$  (B)  $-(1011)(1012)$   
(C)  $(-4)(1011)(1012)$  (D)  $2(1011)(1012)$ .
9. The number of times the digit 7 is written while listing all integers from 1 to 1,00,000 is  
(A)  $10^4$  (B)  $5(10)^4 - 1$  (C)  $10^5$  (D)  $5(10)^4$ .
10. The differential equation  $y'^2 - (x + \sin x)y' + x \sin x = 0$ , with  $y(0) = 0$  has  
(A) unique solution (B) two solutions (C) no solution (D) four solutions.

## Part II

**N.B. Each question in Part II carries 6 marks.**

1. Consider  $f(x) = x[x^2]$ , where  $[x^2]$  is the greatest integer less than or equal to  $x^2$ . Find the area of the region above X-axis and below  $f(x)$ ,  $1 \leq x \leq 10$ .
2. In how many ways can numbers from 1 to 100 be arranged in a circle such that sum of pair of integers placed opposite each other is the same? (arrangements are equivalent up to rotation).
3. Find all triplets  $(x, y, z)$  of integers satisfying  $x^2 + y^2 + z^2 = 16(x + y + z)$ .
4. Suppose  $A$  is a singular matrix of order 3 with complex entries all of which having absolute value 1. Show that two rows or two columns of the matrix  $A$  are proportional.
5. Let  $f : \mathbb{R} \rightarrow \mathbb{R}$  be a continuous function satisfying  $f^3(x) = x$ . Prove that  $f^2(x) = x$ .

## Part III

1. Find [12]

(a) 
$$\lim_{n \rightarrow \infty} \frac{\gcd(1, 6) + \gcd(2, 6) + \cdots + \gcd(n, 6)}{1 + 2 + \cdots + n};$$

(b) 
$$\lim_{n \rightarrow \infty} \frac{\text{lcm}(1, 6) + \text{lcm}(2, 6) + \cdots + \text{lcm}(n, 6)}{1 + 2 + \cdots + n}.$$

2. Let  $a, b, c$  be real numbers such that  $a^2 + b^2 + c^2 = 4$ . [12]

(a) Find the value of the determinant of a matrix  $A = \begin{pmatrix} a+b & b+c & c+a \\ b+c & c+a & a+b \\ c+a & a+b & b+c \end{pmatrix}$ .

(b) Find the maximum and minimum value of the above determinant.

3. For every  $t \in \mathbb{R}$ , let  $L_t$  be the line segment joining  $(0, 1)$  with  $(t, 0)$ . Suppose  $L_t$  intersects the parabola  $y = x^2$  at the point  $P_t$ . Define  $f : \mathbb{R} \rightarrow \mathbb{R}$  as  $f(t) = y$ -coordinate of  $P_t$ . Answer the following questions with justification: [13]

(a) Is  $f$  continuous?

(b) Is  $f$  bounded?

(c) What is  $\lim_{t \rightarrow \infty} f(t)$ ?

(d) Is  $f$  differentiable at 0?

4. The sequence  $\{q_n(x)\}$  of polynomials is defined by  $q_1(x) = 1 + x$ ,  $q_2(x) = 1 + 2x$  and for  $m \geq 1$  by

$$q_{2m+1}(x) = q_{2m}(x) + (m+1)xq_{2m-1}(x),$$

$$q_{2m+2}(x) = q_{2m+1}(x) + (m+1)xq_{2m}(x).$$

Let  $x_n$  be the largest real solution of  $q_n(x) = 0$ . Prove that [13]

(a) the sequence  $\{x_n\}$  is increasing.

(b)  $x_{2m+2} > \frac{-1}{m+1}$  for  $m \geq 1$ .

(c) the sequence  $\{x_n\}$  converges to 0.



Mahesh Aware &lt;aware.mahesh0@gmail.com&gt;

**MMC jan 2023 Ahmednagar region merit list**

2 messages

**Suresh Ghule** <ghule.sa@gmail.com>  
To: Mahesh Aware <aware.mahesh0@gmail.com>

28 March 2023 at 08:38

Seat No	Name	Class	Rank
AH25018	Padar Vaishnavi Vijaykumar	S.Y.B.Sc.	Third
AH25028	Sase Shivani Vijay	T.Y.B.Sc.	First
AH25026	Bhosale Rutuja Suresh	T.Y.B.Sc.	Second
AH25030	Shaikh Sadaf Sabir	T.Y.B.Sc.	Consolation

**Mahesh Aware** <aware.mahesh0@gmail.com>  
To: Suresh Ghule <ghule.sa@gmail.com>

28 March 2023 at 08:42

Thank you sir  
[Quoted text hidden]

Head

Department of Mathematics  
R.K.M.M. Ahmednagar

PRINCIPAL  
Radhabai Kale Mahila Mahavidyalaya  
Ahmednagar



B.P.H.E. SOCIETY'S  
AHMEDNAGAR COLLEGE, AHMEDNAGAR



# Madhava Mathematics Competition -2023

## Rank Certificate

This is to certify that

Padar Vaishnavi Vijaykumar

a student of Radhabai Kale Mahila Mahavidyalaya, A'nagar.

for his/her distinguished performance in **MADHAVA MATHEMATICS COMPETITION 2023**  
organized by Homi Bhabha Centre for Science Education T. I. F. R. Mumbai and Department of Mathematics,  
S. P. College, Pune funded by National Board for Higher Mathematics in Ahmednagar Region.

He/She secured Third among all students of S.Y.B.Sc.  
appeared for the competition.

Shri. S.A. Ghule  
Regional Coordinator

Dr. R.J. Barnabas  
Principal