

**KTSPM's**  
**HUTATMA RAJGURU MAHAVIDYALAYA, RAJGURUNAGAR**  
**DEPARTMENT OF BOTANY**  
**A.Y. 2023-24**

**Report on activities conducted for Slow and Advanced Learners**

Based on the performances of students in various class tests and previous year's percentage of marks, slow learners and advanced learners were identified from F.Y., S.Y. and T.Y. B.Sc. Botany classes. Various teaching programs were planned for both the categories of students. Regular class tests and assignments were conducted for slow learners. For advanced learners, activities like Seminars, Model exams etc. were conducted. Advanced learners also participated in Avishkar research competition and presented paper in international conference.



**HEAD**  
Department Of Botany  
Hutatma Rajguru Mahavidyalaya  
Rajgurunagar-410 505

Dr. K.M. Nitnaware



Dr. S. S. Pingale  
**PRINCIPAL**  
Hutatma Rajguru Mahavidyalaya  
(Arts, Science & Commerce)  
Rajgurunagar.

Dr. S.S. Pingale

FY. B.Sc. Botany Paper I.

Department of Botany

Re-Exam - A.Y. 2023-24 - Sem I.  
(Slow Learners)

Date - 1/11/23

Sr. No. Name of the student

1] Gayatri Dinesh Kamble

2] Shreya Shivaji Gavhane

3] Simran Ayub Shaikh

4] Kaveri Ramdas Pol.

5] Santhak Santosh Ghode

6] Lalita Ganpat Dharade

7] Devkar Subhadra Shankar

Roll No.

78

42

72

66

115.

39

38

Sign.

G.D. Kamble

Shreya

Simran

K.P. Pol.

Santhak

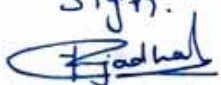

Lalita


Devkar

Loma  
4/11/23

A.Y. 2023-24 - Sem I,  
Botany P-I - Reexam  
Slowlearner - (F.Y.B.Sc.)

2/12/23

Sr. No.	Name of the student	Roll no.	Sign.
1	Tash khandu Jadhav	109	
2.	kavezi Ramdas Pol.	66	<u>K.P.Pol.</u>
3.	Supe Tejas Chandrakant	104	T.C.Supe
4)	Adak Roshan Machindra	98	RMA
5)	Sahil Rajendra walke	114	

  
2/12/23.

A.7. 2023-24

Reexam - F.Y B.Sc.

4/4/24

Department of Botany (slow learner)

Sr No.	Roll No.	Name of student	Sign.
1	63	Nalawade Yash mohan	Y.M. NALAWADE.
2	27	Kulke Manoj Raghunath	<u>Manoj</u>
3	92	walunj Omkar Sanjay	<u>Walunj</u>
4	75	wachare <del>Rudhemohan</del> hemant	<u>Ak</u>
5	15	Kudale Rutika Lahu	<u>Rutika</u>
6	40	Dhokare Sanjay Orrip	<u>Sanjay</u>
7)	30	Bocche Jash Kocharu	<u>Bocche</u>

Done  
4/4/24.

Attendance of Model test

5/4/24

A.Y. 2023-24 F.Y. B.Sc. - Sem-TI (Advanced Learner)

Sr.No.	Roll No.	Name of the students	Sign.
1	45	Neha Popat Gunjal.	<u>Nunjal</u>
2	65	Vaishnavi Kisan Patil	<u>Kpatil</u>
3	67	EKta Sanjay Rakshe	<u>E.S.Rakshe</u>
4	60	snehal Dnyaneshwar more	<u>S.D.more</u>
5	68	rakshe kavari chandrakant	<u>Kavari</u>
6	36	chaudhari Payal Maruti	<u>Payal</u>
7	35	chalke Trupti Prabhakar	<u>Chalke</u>
8	77	Divya Shankar Yashvant	<u>Yashvant</u>
9	64	sejal Subhash Padwal	<u>Sejal</u>
10	55	Jayani Sunil Labde	<u>Labde</u>
11	56	Rutuja Balu Lagad	<u>Rutuja</u>
12	37	Dividehi Baburao Dandkar	<u>Dandkar</u>
13	38	Devkar Subhadra Shankar	<u>Devkar</u>
14	32	Banker Gaytri Rajendra	<u>Banker</u>
15	105	Pushpali Dhanaji Zelle	<u>Zelle</u>
16	48	Kadavkar Mansi Pandurang	<u>Mansi</u>
17	46	Sharvari Kalaram Gurav	<u>Gurav</u>
18	43	Shrutika Laxman Girisasavi	<u>Girisasavi</u>
19	47	Harshada Someshwar Jadhav	<u>H.Jadhav</u>
20	59	Mhalaskar Anushka Keilas	<u>Anushka</u>
21	36	Snehal Ganesh Ujare	<u>Snehal</u>
22	30	Pratiksha Dnyandev Wadekar	<u>Pratiksha</u>
23	76	Tanuja Ravindra Walunj	<u>Walunj</u>
24	57	Burse Mohini Pandurang	<u>Burse</u>
25	61	Muluk Sakshi Samir	<u>Muluk</u>
26	39	Dharode Lalita Ganpat	<u>Lalita</u>

K.T.S.P Mandal's  
**Hutatma Rajguru Mahavidyalaya, Rajgurunagar**  
**Avishkar Competition State Level Report**  
**Research and Planning Committee**  
**2023-24**

Sr. No	Item	Particulars
1	Date	12/01/2024 to 15/01/2024
2	Name of Event	Avishkar
3	Venue	Maharashtra University of Health Science, Nashik
4	Time	10.30 am to 4.00 pm
5	Duration of the programme	Four days
6	Number of participants	01
7	Activity belongs to which Criteria of NAAC	Criteria 3

### Report

Mr. Sumedh Ingole, a dedicated participant, demonstrated exemplary commitment and innovative thinking in the State Level Avishkar Competition held at the Maharashtra University of Health Center, Nashik, from 12th to 15th January. His journey commenced with victory at the college level, followed by selection for the zonal and university levels, leading him to the esteemed state-level platform. Mr. Ingole presented a pioneering project titled "Utilization of Groundnut Shell: An Alternative to Cocopeat." The project aimed to explore the feasibility of utilizing groundnut shells as a sustainable alternative to cocopeat, a commonly used medium in agriculture and horticulture. Mr. Ingole's project showcased innovative thinking by proposing an eco-friendly alternative to cocopeat, addressing concerns related to sustainability and environmental impact. Mr. Sumedh Ingole's project garnered significant attention and acclaim from judges and fellow participants alike. His innovative approach, backed by diligent research and practical implementation, earned him recognition as a front runner in the competition. He worked under the guidance of Dr. K. M. Nitnaware.





Aavishkar State level Competition-Inaugural function



Winner team of Aavishkar Competition

*Penu*  
**HEAD**  
Department Of Botany  
Hutatma Rajguru Mahavidyalay  
Rajguru, Raigar-410 505

*S. S. Pingale*  
**DR. S. S. PINGALE**  
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Rajgurunagar.



KTSPM's  
**HUTATMA RAJGURU MAHAVIDYALAYA, RAJGURUNAGAR**  
**Participation in International Conference**  
**A.Y. 2023-24**

Sr. No	Item	Particulars
1	Date	23 <sup>rd</sup> March 2024
2	Name of Event	International conference on “ <b>Exploring innovations in life sciences (ExILS 2024)</b> ”
3	Venue	Annasaheb Awate College, Manchar.
4	Time	9.30 am to 4.00 pm
5	Duration of the programme	One day
6	Number of participants	04 + 2 staff
7	Activity belongs to which Criteria of NAAC	Criteria 2

**Report**

Inaugural function was carried out around 9.30 a.m. by the hands of Hon. Dr. N. S. Gaikwad (Principal, Annasaheb Awate College, Manchar) in the presence of Dr. S. B. Patil (Principal, Dadasaheb Jyotiram Godse Arts, Commerce, and Science college, Vaduj, Satara), Hon. Dr. K. N. Dhumal (Senior Scientist, National Research Centre for Orchid-East Sikkim), Dr. M. N. Kharde, (BOS Chairman Botany SPPU, Pune) and Dr. V.H. Lokhande. It was followed by Keynote address by Dr. S. B. Patil on the topic “Exploring Innovations in Life Sciences”. The next lecture delivered by Dr. Gunvant Patil (Institute of Genomics for Crop Abiotic Stress Tolerance (IGCAST) Texas Tech University, Texas) through online mode on “Sustainable technologies to improve nutrient uptake in crops through single cell and gene editing tools” in which he focus on The bioavailability, absorption, and spatial distribution of various mineral elements that regulate crop development, growth, and yield. Third lecture was delivered by Dr. Balasaheb V. Sonawane (University of Illinois, Urbana-Champaign, IL) on “Exploring and utilizing plant ecophysiological traits in improving crop productivity and water use efficiency”. The next session started with invited talk by Dr. Bhalchandra. B. Waykar (Dr. Babasaheb Ambedkar Marathwada University, Ch. Sambhaji Nagar). He delivered a lecture on Agricultural Sustainability through Beekeeping. Later the session dispersed for Lunch break.

Fourth session started with Ms. Geetanjali Kanade –Gone (Sungkyunkwan University, Suwon, South Korea) on topic Exploring the anti-diabetic potential of Quercetagitrin through Dual inhibition of PTPN6 and PTPN9. Last plenary session was delivered by Dr. Ramgopal Devdas

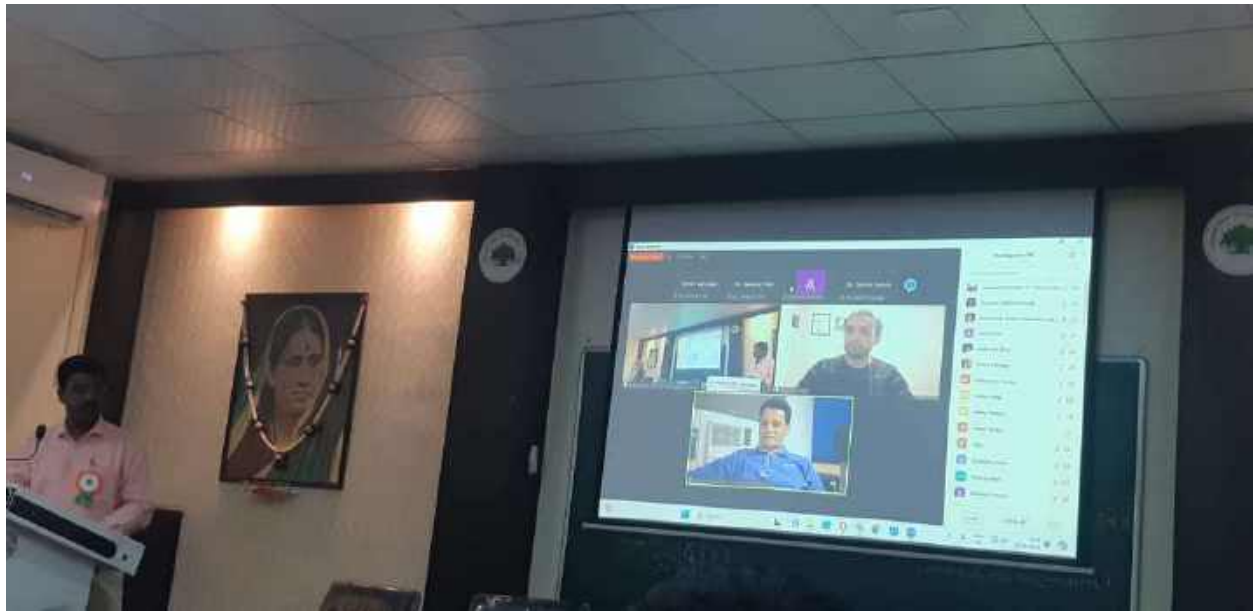
(Indian Council of Agricultural Research, National Research Centre for Orchids East Sikkim) on the topic “Plant Variety Protection in Crops and Orchids (Indian Perspectives)”. It was followed by the Poster and Oral presentation session simultaneously. A total of 218 Posters/Oral were presented by researchers. Miss Wadekar Priya presented Poster on “Production and utilization of low-cost paper from stalk of *Trigonella foenumgraecum* as a substitution to wood.” and Mr. Sumedha Ingole and Miss Sneha Bangar presented Poster on Utilization of Groundnut Shell Waste (GS-Peat) for Sustainable Growth of *Trigonella-foenum-gracecum* in the session. After this session all the participants clubbed for the valedictory function from 4.30 to 5.30 pm. After it certificate distributed among the participants. Overall the conference was beneficial for getting updated knowledge in the field of life sciences.



All delegates of the conference



Inauguration of abstract book



Dr. Gunvant Patil while delivering lecture



Students while presenting poster

  
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K.T.S.P.MANDAL'S

## HUTATMA RAJGURU MAHAVIDYALAYA

RAJGURUNAGAR, TAL-KHED, DIST-PUNE 410505

### Department of Computer Science

#### Report on Slow Learner & Advanced Learner (A.Y.2023-24)

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Based on the academic performance in the previous year of students, they are categorizing into two groups—Slow Learners and Advanced Learners. The aim is to identify students requiring additional support and those who demonstrate exceptional capabilities, enabling better resource allocation and tailored teaching strategies.

Criteria for Categorization:

- Slow Learners: Students scoring below 50% in the previous year's exams.
- Advanced Learners: Students scoring above 75% in the previous year's exams.

Observations

➤ **Slow Learners:**

Struggle with core concepts in Mathematics and Science.

Often face difficulties in applying theoretical knowledge in practical scenarios.

Need more individualized attention and reinforcement activities.

➤ **Advanced Learners:**

Consistently excel in academic and co-curricular activities.

Showcase the ability to grasp and apply complex concepts effectively.

Require additional challenges to stay engaged and motivated.


Department of Computer science of Hutatma Rajguru Mahavidyalaya, Rajgurunagar conducted following activities for slow learner and Advanced Learner.

### 1. Slow learner:

- Organize remedial classes focusing on fundamental concepts.
- Provide learning aids such as simplified notes, videos, and quizzes.
- Regular parent-teacher meetings to track progress.
- Peer mentoring programs where advanced learners assist slow learners.

### 2. Advanced Learner:

- Introduce advanced coursework and projects to challenge their abilities.
- Encourage participation in competitive exams, debates, and science fairs.
- Provide leadership opportunities in group activities to develop soft skills.
- Motivate them for higher education and arranged lectures regarding MBA, MCA, & MCS entrance exam.

  
Prof. A.P. Kulkarni  
Head,  
Department of Computer Science,  
Hutatma Rajguru Mahavidyalaya  
Rajgurunagar, (Pune) - 410 505



  
Dr. S. S. Pingale  
**PRINCIPAL**  
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**CERTIFICATE  
OF  
COMPLETION**

Reg.No AAH-6188



This is certificate that **Pathare  
vedang Sanjay**  
has successfully completed the training  
on

**Full Stack Web Development**  
at  
**Operand  
Technologies, Latur**

For Operand Technologies & IT Solutions LLP

*Siddhant*  
Managing Director



**Operand**  
**TECHNOLOGIES**  
& IT SOLUTIONS LLP



**CERTIFICATE  
OF  
COMPLETION**

Reg.No AAH-6188



This is certificate that *Tavhare  
Mayuri Dipak*  
has successfully completed the training  
on

**Full Stack Web Development**  
at  
**Operand  
Technologies, Latur**

*For Operand Technologies & IT Solutions LLP*

*Siddham*  
Managing Director



**Operand**  
TECHNOLOGIES  
& IT SOLUTIONS LLP



**CERTIFICATE  
OF  
COMPLETION**

Reg No AAH-6188



This is certificate that **kale Kaveri  
Pranod**  
has successfully completed the training  
on

**Full Stack Web Development**  
at  
**Operand  
Technologies, Latur**

For Operand Technologies & IT Solutions LLP

  
Managing Director



**Operand**  
**TECHNOLOGIES**  
& IT SOLUTIONS LLP





**CERTIFICATE  
OF  
COMPLETION**

Reg.No AAH-6188



This is certificate that **Power  
Samiksha Suresh**  
has successfully completed the training  
on

**Full Stack Web Development**  
at  
**Operand  
Technologies, Latur**

For Operand Technologies & IT Solutions LLP

*S. Suresh*  
Managing Director



**Operand**  
TECHNOLOGIES  
& IT SOLUTIONS LLP



**CERTIFICATE  
OF  
COMPLETION**

Reg.No AAH-6188



This is certificate that **Jagdole  
Sanket Kantaram**  
has successfully completed the training  
on

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Managing Director



**Operand**  
**TECHNOLOGIES**  
& IT SOLUTIONS LLP



# CERTIFICATE OF COMPLETION



Reg No AAH-6188



This is certificate that Pawar Akash  
vijay  
has successfully completed the training  
on

**Full Stack Web Development**  
at  
**Operand  
Technologies, Latur**

For Operand Technologies & IT Solutions LLP

  
Managing Director



**Operand**  
TECHNOLOGIES  
& IT SOLUTIONS LLP



**CERTIFICATE  
OF  
COMPLETION**

Reg.No AAH-6188



This is certificate that **Sangare  
Sakshi Santosh.**  
has successfully completed the training  
on

**Full Stack Web Development**  
at  
**Operand  
Technologies, Latur**

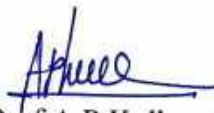
For Operand Technologies & IT Solutions LLP

  
Managing Director



**Operand**  
**TECHNOLOGIES**  
& IT SOLUTIONS LLP



  
Prof. A.P. Kulkarni  
Head,

Department of Computer Science,  
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HUTATMA RAJGURU MAHAVIDYALAYA  
RAJGURUNAGAR, TAL-KHED, DIST-PUNE 410501  
BBA(CA) DEPARTMENT (2023-24)**

A log sheet with the following details of program

Sr. No	Item	Particulars
1	Date	3 <sup>rd</sup> Aug, 2023
2	Name of Activity	<b>“Slow Learner &amp; Advanced Learner”</b>
3	Venue	Classroom
4	Time	11.00 A.M to 12.00 A.M
5	Duration of the programme	1 Day
6	Expense	-
7	Source of Financial Assistance	-
8	Names of resource persons	-
9	Name of coordinator	Prof. M.S.Suratwale Prof. P.Y.Hole
10	Number of participants	85 students
11	Copy of the programme	-
12	Curricular/Co-Curricular/Extra-Curricular	Extra-Curricular
13	Activity belongs to Which Criteria of NAAC	-

Date:- 3<sup>rd</sup> Aug, 2023

## Report

On date 3<sup>rd</sup> Aug, 2023 BBA(CA) Department organized Slow learner & Advanced Learner Activity for FYBBA(CA) students.

85 student participated actively. Prof.M.S.Suratwale & Prof. P.Y.Hole Co-Ordinated this Activity

Prof.A.S.Tanpure  
HOD of BBA(CA)

Photo:

K.T.S.P.Mandal's  
HUTATMA RAJGURU MAHAVIDYALAYA  
DEPARTMENT OF BBA (CA)

NOTICE

DATE: 01<sup>st</sup> August 2023

All the Students of FYBBA(CA) hereby informed that your Activity Exam will be conducted on 03/08/2023.

Timing of Exam: 11.00 to 12.00am

Your Attendance is compulsory.

  
Prof. Ashvini Tanpure  
HOD, of BBA(CA)

Head  
BBA (CA) Dept.  
H. R. M. Rajgunnagar

  
Dr. Shirish S. Pingale  
Principal

Principal  
Hutatma Rajguru Mahavidyalaya  
(Arts, Science & Commerce)  
Rajgunnagar.



Test on Slow learner & Advanced learner

Student Roll Number	Student Name	sign
1	Arude Sarthak Chandrakant	S. Arude
2	Atar Saniya Nisar	Ab
3	Bankar Shridhar Pramod	S. Bankar
4	Barane Manasi Santosh	M. Barane
5	Barne Chetan Lakshman	C. Barne
6	Bendure Vinanti Santosh	V. Bendure
7	Bhalerao Swapnil Pandurang	S. Bhalerao
8	Bhujabal Samruddhi Mahadev	S. B. Bhujabal
9	Bodre Saloni Vitthal	S. B. Bodre
10	Bomble Sarthak Ramesh	R. Bomble
11	Bomble Arati Balshiram	A. Bomble
12	Bomble Kanchan Sampat	K. Bomble
13	Bute Rupali Shivaji	R. Bute
14	Chipade Dhanashree Ravindra	D. Chipade
15	Darekar Pranav Sanjay	P. Darekar
16	Dere Shivraj Pandurang	S. Dere
17	Deshmukh Anjali Govind	A. Deshmukh
18	Devdare Manish Bharat	M. Devdare
19	Dhenge Anshita Dilip	A. Dhenge
20	Dhumal Nupur Kisan	N. Dhumal
21	Gadge Samruddhi Nandkumar	S. Gadge
22	Gaikwad Digambar Dhaskar	D. Gaikwad
23	Gaikwad Payal Ashok	P. Gaikwad
24	Gaikwad Rajkumar Namdev	R. Gaikwad
25	Gaikwad Sanket Sachin	S. Gaikwad
26	Gargote Srushti Sanjay	S. Gargote
27	Ghodekar Akshay Nilesh	A. Ghodekar
28	Gorade Roshani Sanjay	R. Gorade
29	Hole Tejas Santosh	T. S. Hole
30	Housalmal Trupti Nitin	T. Housalmal
31	Hundare Dipesh Sopan	D. Hundare
32	Jha Aditi Naveen	A. Jha
33	Karale Sakshi Dattatray	S. Karale
34	Khandhare Yuvraj Narendra	Y. Khandhare
35	Kinkar Rohit Balasaheb	R. Kinkar
36	Kokane Aishwarya Mangesh	A. Kokane
37	Kokane Sakshi Ravindra	S. Kokane
38	Kokate Manasi Vijay	M. Kokate
39	Korade Bhumika Bhanudas	B. Korade
40	Kute Nishigandha Balasaheb	N. Kute
41	Kute Vivek Vikas	V. Kute
42	Lokhande Nishant Rahul	N. Lokhande
43	Mathe Pallavi Tanaji	P. Mathe
44	Medankar Ahhilasha sambhaji	A. S. Medankar
45	Mohite Vaishnavi Shashikant	V. Mohite
46	Momin Mahir Salim	M. Momin
47	Mundhe Omkar Maroti	O. Mundhe

Kate Anshita

48	Mungase Kiran Tanmay	<del>Q. Mungase</del>
49	Nisal Ayush Anil	Nisal
50	Pacharne Madhavi Babaji	<del>Ab</del>
51	Padwal Sahil Sharad	<del>Ab</del>
52	Patil Dipshikha Sunil	<del>Patil</del>
53	Patole Jayesh Kundlik	<del>Patole</del>
54	Pawale Shweta Eknath	<del>Ab</del>
55	Pawale Tejas Machchhindra	<del>Ab</del>
56	Pawar Nikhil Dinesh	<del>T.M. Pawar</del>
57	Phadake Nikita Santosh	<del>Phadake</del>
58	Rakshe Siddhi Santosh	<del>Rakshe</del>
59	Raut Shreya Umesh	<del>Raut</del>
60	Rokade Satyam Sandip	<del>Rokade</del>
61	Salunke Swapnil Sominath	<del>Salunke</del>
62	Sanghavi Paras Rajendra	<del>Sanghavi</del>
63	Sawant Onkar Shivaji	<del>D.D. Sawant</del>
64	Shaikh Ramjan Ayub	<del>Shaikh</del>
65	Shaikh Sakib Javed	<del>Shaikh</del>
66	Shendkar Pranav Subhash	<del>Ab</del>
67	Shinalkar Gauri Balasaheb	<del>Shinalkar</del>
68	Shinalkar Vrushali Nanabhau	<del>Shinalkar</del>
69	Shinde anushka Nilesh	<del>Anushka</del>
70	Shinde Amit Krushna	<del>Akshinde</del>
71	Shinde Apeksha Avdhut	<del>Ashinde</del>
72	Shinde Pushkar Sandip	<del>P.S. Shinde</del>
73	Sikilkar Zeba Altaf	<del>Sikilkar</del>
74	Taru Raj Atul	<del>R.A. Taru</del>
75	Thorat Ravina Dhondibhau	<del>Thorat</del>
76	Toke Komal Prafulla	<del>Ab</del>
77	Ugale Omkar Bharat	<del>Ugale</del>
78	Ugale Pranita Sachin	<del>Ab</del>
79	Ulke Shriharsh Dnyaneshwar	<del>Ab</del>
80	Waghamare Anjali Sahadev	<del>Waghamare</del>
	Thorat Rajshree Ananda	<del>Thorat</del>
	Arunde Krushna Dnyaneshwar	<del>Arunde</del>
	Vikas Navanath Gorde	<del>Vikas</del>



FYBBA(CA)23-24

Overall Result on Slow Learner & Advanced Learner

RNo	Student Name	Marks
1	Arude Sarthak Chandrakant	12
2	Atar Saniya Nisar	AB
3	Bankar Shridhar Pramod	9
4	Barane Manasi Santosh	15
5	Barne Chetan Laxman	15
6	Bendure Vinanti Santosh	15
7	Bhalerao Swapnil Pandurang	12
8	Bhujabal Samruddhi Mahadev	9
9	Bodre Saloni Vitthal	16
10	Bomble Sarthak Ramesh	15
11	Bomble Arati Balshiram	8
12	Bomble Kanchan Sampat	8
13	Bute Rupali Shivaji	20
14	Chipade Dhanashree Ravindra	AB
15	Darekar Pranav Sanjay	16
16	Dere Shivraj Pandurang	18
17	Deshmukh Anjali Govind	18
18	Devdare Manish Bharat	14
19	Dhenge Anshita dilip	7
20	Dhumal Nupur Kisan	20
21	Gadge Samruddhi Nandkumar	9
22	Kale Ankita Balasaheb	18
23	Gaikwad Payal Ashok	AB
24	Gaikwad Rajkumar Namdev	AB
25	Gaikwad Sanket Sachin	AB
26	Gargote Srushti Sanjay	8
27	Ghodekar Akshay Nilesh	8
28	Gorade Roshani Sanjay	15
29	Hole Tejas Santosh	7
30	Housalmal Trupti Nitin	3
31	Hundare Dipesh Sopan	AB
32	Jha Aditi Naveen	16
33	Karale Sakshi Dattatray	5
34	Khandhare Yuvraj Narendra	10
35	Kinkar Rohit Balasaheb	14
36	Kokane Aishwarya Mangesh	20
37	Kokane Sakshi Ravindra	19
38	Kokate Manasi Vijay	8
39	Korade Bhumika Bhanudas	17

70	Shinde Amit Krushna	15
71	Shinde Apeksha Avdhut	19
72	Shinde Pushkar Sandip	13
74	Taru Raj Atul	12
75	Thorat Ravina Dhondibhau	14
77	Ugale Omkar Bharat	14
80	Waghmare Anjali Sahadev	19
81	Thorat Rajshree Ananda	13
82	Gorde Vikas Navanath	13
83	Arude Krushna Dnyaneshwar	16

Preetinsha.  
(P. Y. Hole)

M.S.  
(M.S. Surawale)



## Slow Learner Result:

### FYBBA(CA)23-24 Slow Learner List

RNo	Student Name	Marks
3	Bankar Shridhar Pramod	9
8	Bhujabal Samruddhi Mahadev	9
11	Bomble Arati Balshiram	8
12	Bomble Kanchan Sampat	8
19	Dhenge Anshita dilip	7
21	Gadge Samruddhi Nandkumar	9
26	Gargote Srushti Sanjay	8
27	Ghodekar Akshay Nilesh	8
29	Hole Tejas Santosh	7
30	Housalmal Trupti Nitin	3
33	Karale Sakshi Dattatray	5
34	Khandhare Yuvraj Narendra	10
38	Kokate Manasi Vijay	8
43	Karle Mahesh Dilip	9
45	Mohite Vaishnavi Shashikant	10
53	Shinde Aditya Manik	8
54	Pawale Shweta Eknath	9
56	Pawar Nikhil Dinesh	10

Pratiksha  
(A.Y. Hole)

ms  
M.S. Sureshwarale



## Advanced Learner Result:

### FYBBA(CA)23-24 Advanced Learner List

RNo	Student Name	Marks
1	Arude Sarthak Chandrakant	12
4	Barane Manasi Santosh	15
5	Barne Chetan Lakiman	15
6	Bendure Vinanti Santosh	15
7	Bhalerao Swapnil Pandurang	12
9	Bodre Saloni Vitthal	16
10	Bomble Sarthak Ramesh	15
13	Bute Rupali Shivaji	20
15	Darekar Pranav Sanjay	16
16	Dere Shivraj Pandurang	18
17	Deshmukh Anjali Govind	18
18	Devdare Manish Bharat	14
22	Kale Ankita Balasaheb	18
28	Gorade Roshani Sanjay	15
32	Jha Aditi Naveen	16
35	Kinkar Rohit Balasaheb	14
36	Kokane Aishwarya Mangesh	20
37	Kokane Sakshi Ravindra	19
39	Korade Bhumika Bhanudas	17
40	Kute Nishigandha Balasaheb	14
41	Kute Vivek Vikas	14
42	Lokhande Nishant Rahul	14
44	Medankar Abhilasha sambhaji	14
46	Momin Mahir Salim	11
47	Mundhe Omkar Maroti	11
48	Mungase Kiran Tanmay	15
49*	Nisal Ayush Anil	12
51	Padwal Sahil Sharad	16
52	Patil Dipshikha Sunil	16
55	Pawale Tejas Machchhindra	13
57	Phadake Nikita Santosh	16
58	Rakshe Siddhi Santosh	20
59	Raut Shreya Umesh	18
60	Rokade Satyam Sandip	17
61	Salunke Swapnil Sominath	13
62	Sanghavi Paras Rajendra	15
63	Sawant Onkar Shivaji	13
65	Shaikh Sakib Javed	15
66	Shendkar Pranav Subhash	20
67	Shinalkar Gauri Balasaheb	15
68	Shinalkar Vrushali Nanabhau	18
69	Shinde anushka Nilesh	13

Name: Shreya Umesh Raut,  
Roll No: 59.

Date: 03/08/2023

Q1) Attempt any 10 of following (1\*10)

8

1) The main system board of the computer is called

- (A) Motherboard    (B) Processor    (C) Microchip    (D) None of these

2) Which of the following system components is the brain of a computer?

- (A) Circuit board     (B) CPU    (C) Memory    (D) Network card

3) The monitor of a computer is-

- (A) storage device     (B) processing device    (C) input device    (D) output device

4) Which of the following is an example of a web browser?

- (A) Google    (B) Apple    (C) Mozilla Firefox    (D) Microsoft

5) Which folder provides temporary storage for the files and folders you want to delete?

- (A) calculator    (B) Dustbin     (C) Recycle Bin    (D) New Folder

6) Whose speed is more between human mind and computer?

- (A) Computer    (B) human mind    (C) equal in both    (D) none of these

7) Which menu is selected to cut, copy, and paste?

- A) File     (B) Edit    (C) Tools    (D) Table

8) A \_\_\_\_\_ can make it easier to play games.

- (A) mouse    (B) Joystick    (C) keyboard    (D) pen

9) What is the collection of elements having same data type is known as?

- A) Function     (B) array    (C) loop    (D) source

10) C supports which data type ?

- A) int    (B) char    (C) float     (D) All of these

11) PC stands for

- A) Private Computer    B) Personal Controller     (C) Personal Computer    (D) Private Connector

12) Which of the following is not binary number ?

- A) 1010    B) 101    C) 000     (D) 11E

Q2) Attempt Any one

(1\*10)

1) Write an algorithm for addition two numbers? Draw flowchart for it?

2) Write an algorithm for checking number is positive or negative? Draw flowchart for it?

①

• Algorithm

- 1] Start
- 2] Accept the array Initialize a, b & c
- 3] Accept the values of a & b
- 4]  $c = a + b$
- 5] Print 'c'
- 6] Stop.

• Flowchart

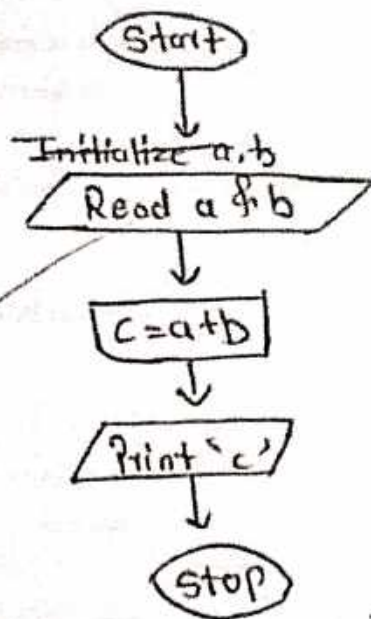
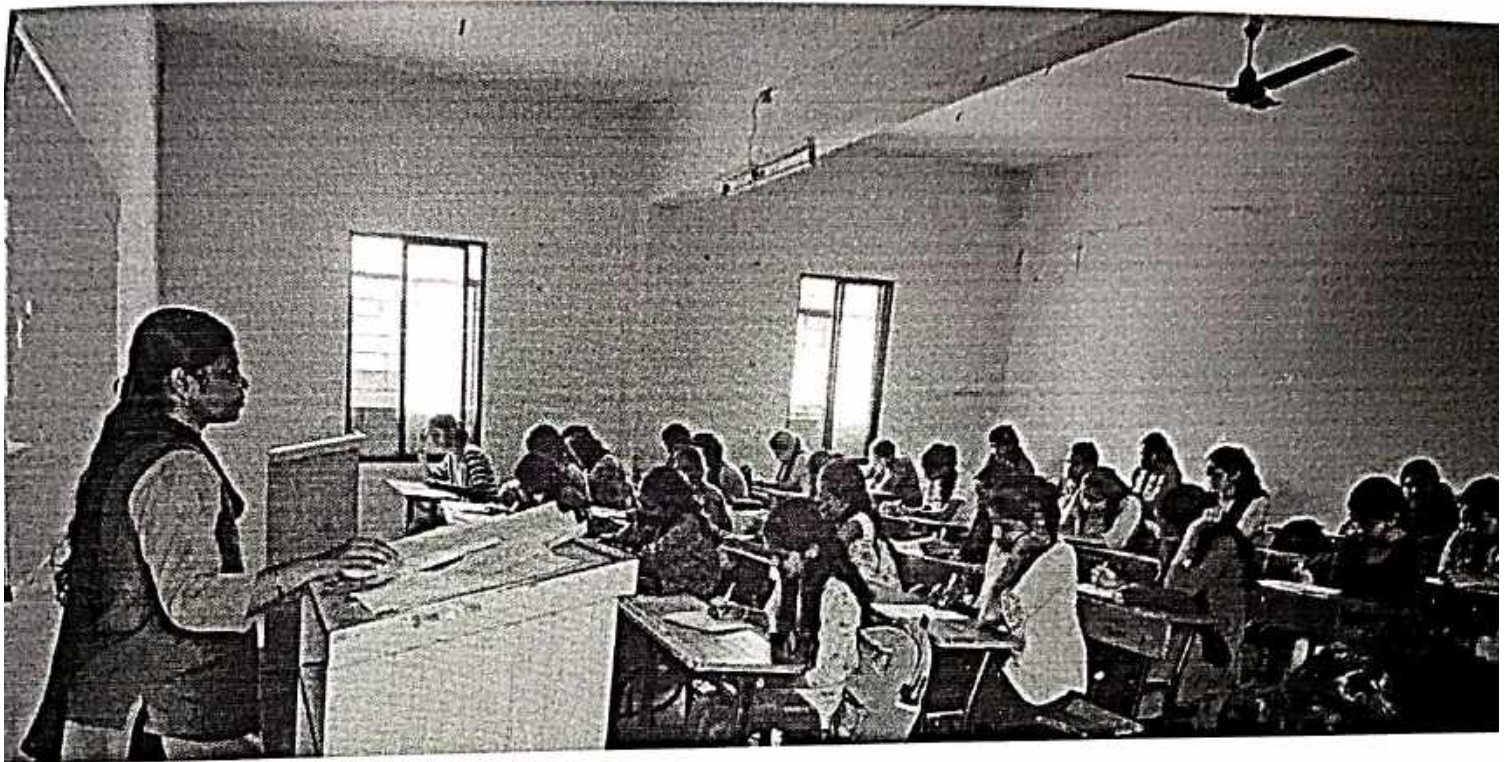


Photo:



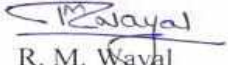
  
Prof. A.S. Tanpure

HOD of BBA(CA) depart.

**K.T.S.P. Mandal's**  
**Hutatma Rajguru Mahavidyalaya, Rajgurunagar**  
**Department of Mathematics**  
**A.Y. 2023-24**

**Report on activities conducted for slow learner and advanced learner**

Slow learners and advanced learners of F.Y.B.Sc. and S.Y.B.Sc. students were identified on the basis of marks they secured in previous year and test conducted in this academic year. Separate lists were prepared for both types of learners. Assignments were assigned to the slow learners, and extra classes were conducted with a specific focus on the subject. Informal counseling was provided to them. Resources, including assignments, question banks, and study material are available on the Google classroom. Guest lectures and field visit is organized to motivate the students.

  
R. M. Wayal  
Head  
Department of Mathematics  
Hutatma Rajguru  
Mahavidyalaya, Rajgurunagar



K.T.S.P. MANDAL'S

**HUTUTMA RAJGURU MAHAVIDYALAYA, RAJGURUNAGAR**

**TAL-KHED, DIST-PUNE 410 505**

**DEPARTMENT OF MATHEMATICS AND STATISTICS**

**BRIEF REPORT OF FIELD VISIT**

<b>Sr. No.</b>	<b>Particulars</b>	<b>Details</b>
1	Date	12/10/2023
2	Name of the event	Field Visit
3	Duration of the programme	1 Day
4	Venue	Onion and Garlic Research Centre
5	Name of coordinator	Prof. R. M. Wayal Prof. S. R. Thorat
6	Number of Participants	27
7	Activity belongs to which criteria	Criteria II
8	Curricular/Co-Curricular/Extra-Curricular	Co-Curricular

Department of Mathematics and Statistics organized a field visit to the Onion and Garlic Research Center on October 12, 2023. The visit included a lecture on the applications of statistics in the field of agriculture delivered by Mr. Sagar Wayal, followed by a tour of the research center. Dr. Khade gave information about establishment and research activities in Onion and Garlic Research Center.

Mr. Sagar Wayal, an esteemed expert in the field, delivered an insightful lecture on the applications of statistics in agriculture. He emphasized the pivotal role statistics play in optimizing agricultural practices, improving yield, and minimizing risks. Key points discussed in the lecture included:

1. **Experimental Design:** Mr. Wayal Wayal highlighted the significance of proper experimental design in agricultural research. He explained various experimental designs such as randomized controlled trials and Latin square designs and their applications in agricultural experimentation.
2. **Data Analysis Techniques:** The lecture delved into statistical techniques used for analyzing agricultural data. Mr. Wayal discussed regression analysis, analysis of variance (ANOVA), and time series analysis, illustrating how these methods aid in understanding crop behavior, identifying trends, and making informed decisions.
3. **Risk Assessment:** Understanding and managing risks are crucial in agriculture. Mr. Wayal elucidated how statistical methods like probability distributions and risk analysis models help in assessing and mitigating risks associated with crop production, pest infestation, and market fluctuations.
4. **Precision Agriculture:** The concept of precision agriculture, which involves using data-driven approaches to optimize inputs and maximize yield, was also discussed. Mr. Wayal highlighted the role of statistics in precision agriculture, including techniques such as geographic information systems (GIS) and remote sensing for spatial analysis and decision-making.

Following the lecture, the participants were given a guided tour of the Onion and Garlic Research Center. Located amidst vast farmland, the center serves as a hub for research and development in onion and garlic cultivation. Key highlights of the visit included:

1. **Research Facilities:** The center boasts state-of-the-art research facilities equipped with modern equipment for soil analysis, seed testing, and crop experimentation. Participants were given demonstrations of various research methodologies employed at the center.
2. **Crop Varieties:** The tour showcased different varieties of onions and garlic developed through selective breeding and genetic modification. Participants learned about the characteristics, disease resistance, and yield potential of these varieties.
3. **Technology Adoption:** The center emphasizes the adoption of technology in agriculture. Participants witnessed the use of drones for crop monitoring, automated irrigation systems, and precision farming techniques aimed at optimizing resource utilization and improving productivity.
4. **Extension Services:** The center actively engages with local farmers through extension services, providing them with access to research findings, training programs, and advisory services to enhance their farming practices.

## List of Students

Sr. No.	Name	Class
1	Bhambure Rasika Rajendra	F.Y.B.Sc.
2	Bomble Yash Ganpat	F.Y.B.Sc.
3	Darawade Apurva Ganesh	F.Y.B.Sc.
4	Dhaybar Avadhut Appasaheb	F.Y.B.Sc.
5	Ghevade Gauravi Goraksh	F.Y.B.Sc.
6	Kale Payal Lahu	F.Y.B.Sc.
7	Kamble Rohit Mahadev	F.Y.B.Sc.
8	Kantikar Shreya Gurudev	F.Y.B.Sc.
9	Khese Sharvari Shantaram	F.Y.B.Sc.
10	Patil Chetan Vilas	F.Y.B.Sc.
11	Pawar Samiksha Prakash	F.Y.B.Sc.
12	Raundhal Yash Kundalik	F.Y.B.Sc.
13	Yelwande Sakshi Machindra	F.Y.B.Sc.
14	Vishwakarma Sumeet Banarasi	F.Y.B.Sc.
15	Sable Vaishnavi Sunil	F.Y.B.Sc.
16	Thigale Neha Prakash	F.Y.B.Sc.
17	Gadhawe Harshada Mahendra	S.Y.B.Sc.
18	Gangawane Isha Santosh	S.Y.B.Sc.
19	Kale Rushali Dipak	S.Y.B.Sc.
20	Mohan Asmita Sandip	S.Y.B.Sc.
21	Phadke Pradnya Santosh	S.Y.B.Sc.
22	Retwade ASMITA Machindra	S.Y.B.Sc.
23	Sable Rutuja Bhagawan	S.Y.B.Sc.
24	Sen Vishakha Rajkumar	S.Y.B.Sc.
25	Shaikh Sonam Imtiyaj	S.Y.B.Sc.
26	Shinde Jayshree Manohar	S.Y.B.Sc.
27	Waghole Dnyanesh Sahebrao	S.Y.B.Sc.



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S. R. Thorat

**HEAD,**  
**DEPARTMENT OF STATISTICS**  
H. B. MAHAVIDYALAYA - RAJGURUNAGAR

R. M. Wayal  
Head

Department of Mathematics  
Hutatma Rajguru  
Mahavidyalaya, Rajgurunagar

Dr. Shirish S. Pingale  
**Principal**

Hutatma Rajguru Mahavidyalaya  
Rajgurunagar, Tal. Khed, Dist. Pune.

K.T.S.P. MANDAL'S

**HUTUTMA RAJGURU MAHAVIDYALAYA, RAJGURUNAGAR**

**TAL-KHED, DIST-PUNE 410 505**

**DEPARTMENT OF MATHEMATICS AND STATISTICS**

**BRIEF REPORT OF GUEST LECTURE**

<b>Sr. No.</b>	<b>Particulars</b>	<b>Details</b>
1	Date	02/03/2024
2	Name of the event	Guest Lecture
3	Duration of the programme	1 Day
4	Venue	Online
5	Name of coordinator	Prof. R. M. Wayal, Prof. S. R. Thorat
6	Number of Participants	45
7	Activity belongs to which criteria	Criteria II
8	Curricular/Co-Curricular/Extra-Curricular	Co-Curricular

Department of Mathematics and Statistics organized a guest lecture of Mr. Prakash Bade, Vice President-Risk Modeling, HSBC London, on Career Opportunities in Mathematical Sciences for F.Y.B.Sc. and S.Y.B.Sc. students on March 2, 2024. Mr. Bade shared his extensive insights into how mathematical sciences play a crucial role in various industries, particularly in finance and risk management. Mr. Bade emphasized the fundamental importance of mathematical sciences in understanding and solving complex problems across different sectors. He highlighted how mathematical models are the backbone of various industries, including finance, engineering, data science, and more.



He discussed diverse career paths available for individuals with expertise in mathematical sciences. These include roles in finance (investment banking, risk management, quantitative analysis), technology (data science, machine learning, artificial intelligence), academia (research, teaching), and government (policy analysis, statistical research). He outlined the essential skills and qualifications required for a successful career in mathematical sciences. Apart from strong mathematical aptitude, he stressed the importance of programming skills (Python, R, MATLAB), proficiency in statistical analysis, critical thinking, problem-solving abilities, and effective communication skills.

Drawing from his experience at HSBC London, Mr. Bade provided valuable insights into the financial industry's dynamics and the growing demand for mathematical expertise. He discussed the role of mathematical models in risk assessment, portfolio optimization, derivative pricing, and regulatory compliance. He highlighted the significance of continuous learning and professional development in staying abreast of advancements in mathematical sciences. He encouraged students to pursue internships, participate in research projects, and seek mentorship opportunities to enhance their skills and expand their networks.

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**HUTATMA RAJGURU MAHAVIDYALAYA,  
RAJGURUNAGAR**  
DEPARTMENT OF MATHEMATICS AND STATISTICS  
**Career Opportunities in Mathematical Sciences**  
By  
**MR. PRAKASH BADE**  
Vice President-Risk Modeling, HSBC London

Prof. S. R. Thorat  
HOD Statistics

Prof. R. M. Woyal  
HOD Mathematics

Dr. S. S. Pingale  
Principal

Rupali Woyal

Rupali Woyal

SANDEEP THORAT

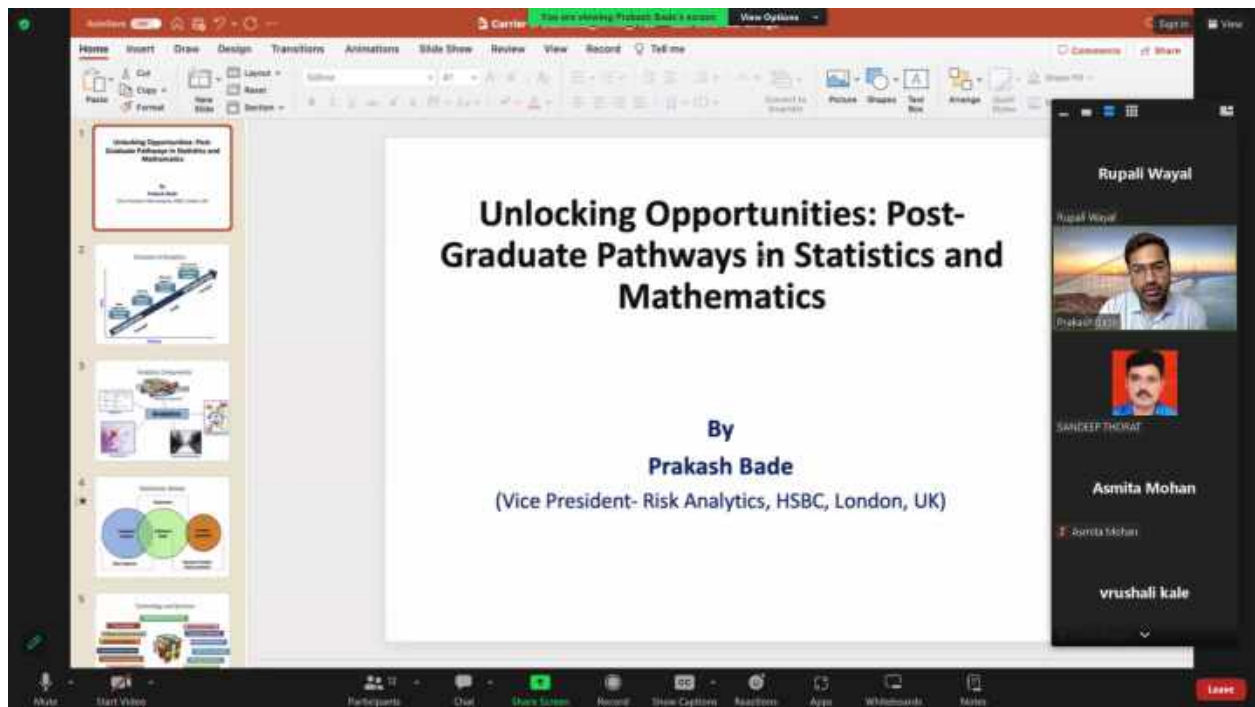
Prakash BADE

Dr Shirish Pingale

Dr Shirish Pingale

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Mathematics

## Technology and Services

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Analytics

Statistics

Visualization

Advance Computing

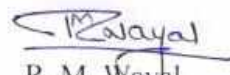
Data Engineering


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S. R. Thorat  
**HEAD,**  
**DEPARTMENT OF STATISTICS**  
H. B. MAHAVIDYALAYA - RAJGURUNAGAR

  
R. M. Woyal  
Head  
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Dr. Shirish S. Pingale  
**Principal**  
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Rajgurunagar, Tal. Khed, Dist. Pune.

K.T.S.P. MANDAL'S

**HUTUTMA RAJGURU MAHAVIDYALAYA, RAJGURUNAGAR**

**TAL-KHED, DIST-PUNE 410 505**

**DEPARTMENT OF MATHEMATICS AND STATISTICS**

**BRIEF REPORT OF GUEST LECTURE**

<b>Sr. No.</b>	<b>Particulars</b>	<b>Details</b>
1	Date	21/03/2024
2	Name of the event	Guest Lecture
3	Duration of the programme	1 Day
4	Venue	Hutatma Rajguru Mahavidyalaya, Rajgurunagar
5	Name of coordinator	Prof. R. M. Wayal Prof. S. R. Thorat
6	Number of Participants	19
7	Activity belongs to which criteria	Criteria II
8	Curricular/Co-Curricular/Extra-Curricular	Co-Curricular

Department of Mathematics and Statistics organized a guest lecture of Prof. Vrushali Wayal, Dr. D. Y. Patil College of Ayurved and Research Centre , on Applications of Mathematical Sciences in the field of medical science for F.Y.B.Sc. and S.Y.B.Sc. students on March 21, 2024. The guest lecture focused on exploring the myriad applications of mathematical sciences in the domain of medical science, offering insights into how mathematical modeling, statistical analysis, and computational techniques are revolutionizing healthcare. Prof. Wayal elucidated how mathematical models play a pivotal role in understanding and predicting the

spread of infectious diseases. Through various mathematical frameworks such as compartmental models (e.g., SIR, SEIR), attendees gained a deeper comprehension of disease dynamics, transmission patterns, and the effectiveness of intervention strategies.

The lecture delved into the significance of biostatistics in designing, conducting, and interpreting clinical trials. Prof. Wayal discussed how statistical methods aid in sample size determination, randomization, hypothesis testing, and data analysis, thereby ensuring robust and reliable outcomes in medical research. Mathematical techniques such as Fourier transforms, wavelet analysis, and image segmentation are indispensable in medical imaging modalities like MRI, CT scans, and ultrasound. Attendees learned how these mathematical tools enhance image quality, facilitate feature extraction, and contribute to diagnostic accuracy in medical imaging. With the advent of high-throughput sequencing technologies, genomics has become a data-driven field requiring advanced computational methodologies. Prof. Wayal elucidated how mathematical algorithms, machine learning techniques, and network analysis are employed to decipher genomic data, unravel genetic predispositions to diseases, and personalize treatment approaches. The application of mathematical optimization techniques in healthcare operations management was another focal point of the lecture. Attendees gained insights into how mathematical models optimize resource allocation, hospital logistics, patient scheduling, and healthcare delivery, thereby enhancing efficiency and minimizing costs.

Prof. Vrushali Wayal's guest lecture provided a comprehensive overview of the applications of mathematical sciences in the field of medical science, illustrating how mathematical modeling, statistical analysis, computational techniques, and optimization methodologies are indispensable tools in advancing healthcare research, diagnosis, and treatment. The insights gleaned from the lecture are poised to catalyze further interdisciplinary collaboration between mathematicians and medical researchers, driving innovation and progress in healthcare.



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K.T.S.P. Mandal's  
**Hutatma Rajguru Mahavidyalaya Rajgurunagar**  
 Department of Mathematics and Statistics  
 Guest Lecture  
 Date-21/03/2024

Sr. No.	Name	Class	Sign
1.	Shinde Jayshree Manohar	S.Y.B.Sc	<i>[Signature]</i>
2)	Mahan Armita Sandip	S.Y.B.Sc	<i>[Signature]</i>
3	Gradhave Harshada Mahendra	S.Y.B.Sc	<i>[Signature]</i>
4.	Mitkule Pankaj Bhawrao	FTBSC	<i>[Signature]</i>
5.	Vishwakarma Sumet Banarasi	F.Y.BSC	<i>[Signature]</i>
6.	Kale Anushkuli Dipak	S.Y.B.Sc	V.D.Kale
7.	Sen Vishakha Rajkumar	S.Y.BSC	V.Sen
8.	Gangawane Isha Santosh	S.Y.B.Sc	<i>[Signature]</i>
9.	Sable Rutuja Bhagawan	S.Y.B.Sc	<i>[Signature]</i>
10.	Khese Sharvari Shantaram	F.Y.B.Sc	<i>[Signature]</i>
11.	Kadam Vinod Balu	S.Y.B.Sc	<i>[Signature]</i>
12.	Pable Roshan Anil	S.Y.B.Sc	<i>[Signature]</i>
13.	Waghole Dnyanesh Sahendrao	S.Y.B.Sc	<i>[Signature]</i>
14.	Kale Payal Lahu	F.Y.B.Sc	<i>[Signature]</i>
15.	Thigale Neha Prakash	F.Y.B.Sc	<i>[Signature]</i>
16.	Phadke Pradnya Santosh	S.Y.B.Sc	<i>[Signature]</i>
17.	Shreya Gurudev Kantikar	F.Y.B.Sc	<i>[Signature]</i>
18.	Rasika Rajendra Bhambure	F.Y.B.Sc	<i>[Signature]</i>
19.	Sakshi Machindra Telwande	F.Y.B.Sc	<i>[Signature]</i>

*[Signature]*

S. R. Thorat

**HEAD,**

**DEPARTMENT OF STATISTICS**  
 H. R. MAHAVIDYALAYA - RAJGURUNAGAR

*[Signature]*

R. M. Wajal

Head

Department of Mathematics  
 Hutatma Rajguru  
 Mahavidyalaya, Rajgurunagar

*[Signature]*

Dr. Shirish S. Pingale

**Principal**

Hutatma Rajguru Mahavidyalaya  
 Rajgurunagar, Tal. Khed, Dist. Pune.

KTSP Mandal's  
Hutatma Rajguru Mahavidyalaya, Rajgurunagar  
Department of English  
Class F.Y.B.A , Sub - Compulsory English  
Schedule of the activities-2023-2024

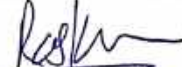
All the concerned students of F.Y.B.A are hereby informed that they have to attend the following activities of Compulsory English Subject as per the schedule given below;

Sr. No.	Day & Date	Time	Activities	Class	Subject
01	Tuesday 11/01/2024	10.00am- 11.00am	Orientation	F. Y.B.A	Compulsory English
02	Monday 22/01/2024	10.00am- 11.00am	Remedial Teaching	F. Y.B.A	Compulsory English
03	Saturday 10/02/2024	10.00am- 11.00am	Open Book Test	F. Y.B.A	Compulsory English
04	Monday 18/03/2024	10.00am- 11.00am	Counseling	F. Y.B.A	Compulsory English

All the concerned students of F.Y.B.A are hereby informed that they have to attend the following activities of Compulsory English and Optional English papers as per the schedule given below;

Sr. No.	Day & Date	Time	Activities	Class	Subject
01	Tuesday 12/09/2023	10.00am- 11.00am	Career Guidance	F. Y.B.A	Optional English
02	Tuesday 6/10/2023	10.00am- 11.00am	Debate Competition	F. Y.B.A	Optional English
03	Friday 10/10/2023	10.00am- 11.00am	Quiz Competition	F. Y.B.A	Compulsory English
04	Saturday 24/02/2024	10.00am- 11.00am	Poetry Reading Competition	F. Y.B.A	Compulsory English

  
Dr. S.S. Mande

  
Dr. V.Y. Raskar

  
Prin. Dr. S.S. Pingale

**PRINCIPAL**  
Hutatma Rajguru Mahavidyalaya  
(Arts, Science & Commerce)  
Rajgurunagar (Pune)

**KTSP Mandal's  
Hutatma Rajguru Mahavidyalaya, Rajgurunagar  
Department of English  
Academic Year 2023-24**

## Report on activities conducted for Slow and Advanced Learners

Slow and advanced learners among FYBA students were identified based on their performance in the previous year's annual and internal college examinations. Separate schedules were prepared for each category of learners. For slow learners, remedial teaching classes were organized, along with providing them with orientation sessions. Additionally, an open-book test was conducted to encourage their engagement and motivation for learning. Counseling sessions were conducted to generate interest and active participation in the teaching-learning process.

Advanced learners were guided towards learning foreign languages through foreign language institutions. Group discussions were organized for advanced learners, promoting interaction and collaborative learning. These advanced learners were also encouraged to participate in various curricular activities at the university level. They were informed about government scholarships available for studying abroad.

In specific achievements, two students from our department participated in a university-level research project competition at "AVISHKAR-2023" Research Festival, under the Humanities, Languages, and Fine Arts category, which took place at Savitribai Phule Pune University on September 30, 2023. To further engage advanced learners, we arranged quiz and debate competitions. The report also comprises schedule of the activities and certificates.

  
Dr. S.S. Mande

  
Dr. V.Y. Raskar

  
Prin. Dr. S.S. Pingale  
**PRINCIPAL**  
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Rajgurunagar (Pune)



# Hutatma Rajguru Mahavidyalaya Rajgurunagar

## DEPARTMENT OF HISTORY

### Brief Report of Slow and Advanced Learners (2023-24)


On the basis of performance in University Examination of previous semester and class observation, learning speed students classified in two groups; advanced learners and slow learners. Each type of students has different learning attitudes and learning habits. A faculty has adapted a teaching methodology such that may not lose the attention of the slow learners and turn off the advanced learners and taken care as per their needs and to help them out for improvement in their academics. Our faculty provides notes to improve writing skills among the slow learners and conducted Test Series for Advance learner.

#### Notes – Google Classroom Code

FYBA – h7e3m7a  
SYBA – ypa3jj2  
TYBA – ndju5el



  
Department of History

  
Principal  
Hutatma Rajguru Mahavidyalaya  
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