

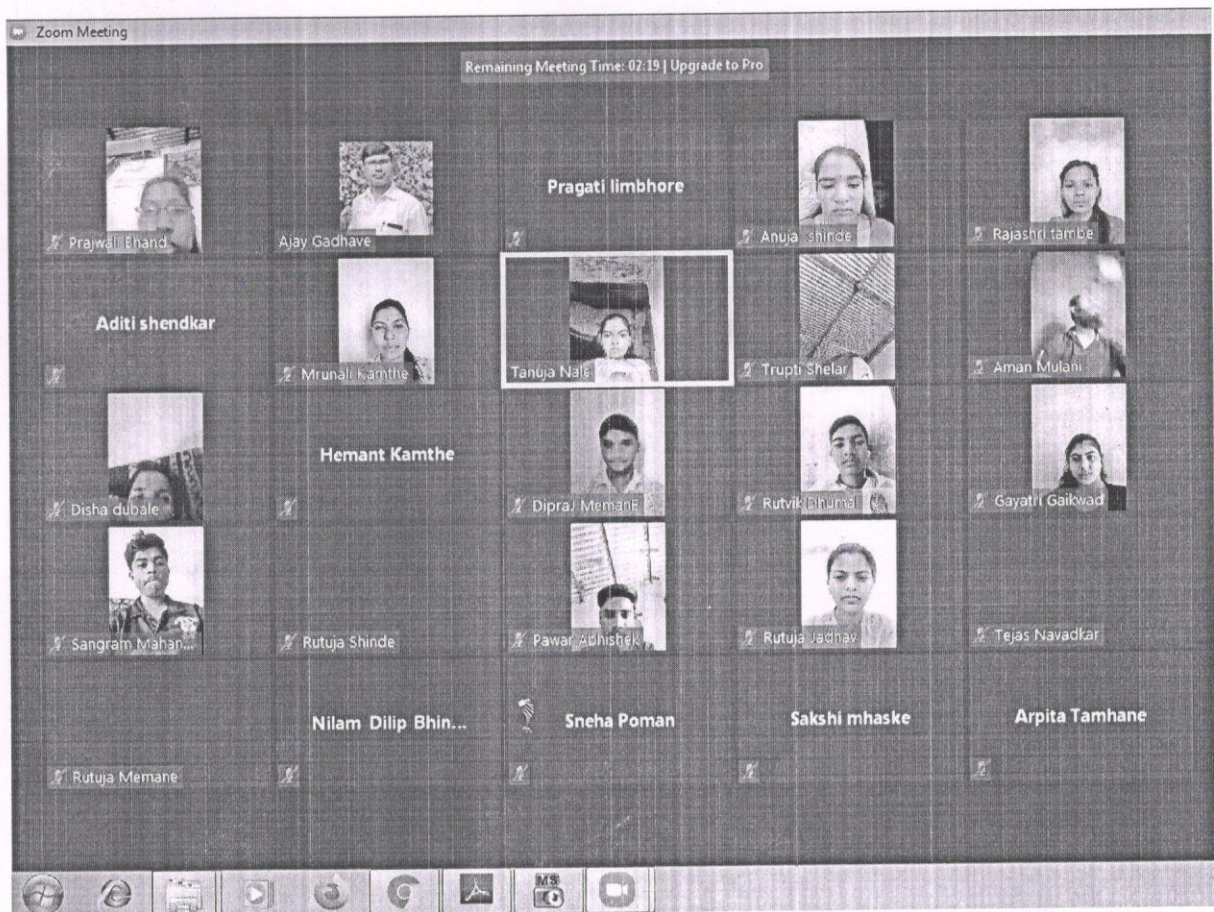
PDEA'S

## Waghire College of Arts, Commerce and Science


Saswad, Tal:Purandar, Dist:Pune

### Activity Report

To Development of students Waghire College of Arts, Commerce and Science with association of KDN InfoTech organized 15 Days Online Lecture on **Full stack Development using Java** in the month of December 2023 in the academic year 2023-24.



  
Hiral  
B.C.A. Department  
Waghire College, Saswad

  
PRINCIPAL  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

**PDEA's Waghire College,  
Department of Zoology**

**“Two days workshop on Life science”**

**Organized by Zoology Department in collaboration with Botany and Microbiology departments under the DBT- STAR College Scheme  
30<sup>th</sup> and 31<sup>st</sup> January, 2023**

The Zoology department in collaboration with the Botany and Microbiology departments of Waghire College had organized two days workshop titled “Workshop on Life science” on 30<sup>th</sup> January and 31<sup>st</sup> January, 2023 under the DBT- STAR College scheme. During this workshop, eminent guest speakers like Dr. Gulab D. Khedkar, Dr. Laxmikant V. Shinde, Dr. Narsingrao N. Bandela, Dr. S.L.Laware, Dr. Aruna Bhambare and Ms. Chaitali Kshirsagar their talk on various topics related to Life science.



**Felicitation of Guest speakers on 30<sup>th</sup> January and 31<sup>st</sup> January, 2023 respectively**

On 30<sup>th</sup> January, 2023 after the inaugural function, Dr. S.L.Laware, Principal, ASC College, Sonai, Nevasa, Ahmednagar through his presentation on “Techniques in Biodiversity conservation” informed the students about the Biodiversity, types of diversities, need for conservation of biodiversity and the control measures adopted for biodiversity like ban on poaching and illegal hunting, stringent action on boycott of animal origin products, use of solar fencing as an alternative for controlling pest wild animals, afforestation, Water conservation, Provision of adequate food and water for wild animals. He also explained the Ex-situ and In-situ methods of conservation through which biodiversity can be preserved, protected and proliferated.



**Dr. S.L. Laware delivering his talk on “Techniques in Biodiversity Conservation” on 30<sup>th</sup> Jan, 2023**

Dr. Aruna Bhambre, Principal, B. Ed College, Sonai, Nevasa, Ahmednagar also through her talk on “Environmental Awareness” spoke on how small adoptive measures can be taken for conservation in day to day life by layman too. Small measures like reusing plastic, complete stoppage of plastic utilisation, use of cloth bags, use of primitive control measures for pest control instead of inorganic insecticides, use of earthenware refrigerator and utensils, planting of native plants instead of exotic plants etc. On a larger scale, conservation of native plant seeds can be achieved through seed bank preparation through the concept of “Ek Mul-Ek Mooth Biya” (One child-One fist of seeds). She also demonstrated to the students the seed ball preparation technique.



**Dr. Aruna Bhambare delivering her talk on “Environment Awareness” on 30<sup>th</sup> Jan, 2023**

Miss. Chaitali Kshirsagar, Director, MAESA Institute, through an interactive session spoke on what an ecosystem is and what are its different components, types of ecosystem and role of ecosystem components in environment maintenance and energy equilibrium.



**Ms. Chaitali Kshirsagar delivering her talk on “Ecosystem” on 30<sup>th</sup> Jan, 2023**

On 31<sup>st</sup> January, 2023, the second day of workshop, Dr. Gulab D. Khedkar, Molecular Geneticist, Scientific Director of Paul Hebert Centre for DNA Barcoding, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad spoke on “Research Ethics.” He explained the students what research is; what are the ethics that need to be followed by a researcher while carrying out research; importance of following research ethics; plagiarism and types of plagiarism; professional pressures; research ethics while publishing a research paper in a journal etc. Not only students but teachers were also deeply benefitted from this topic.



**Dr. Gulab Khedkar delivering his talk on Research Ethics on 31st January, 2023.**

Dr. Narsingrao N. Bandela, Dept. of Environmental Science, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad spoke on “New Trends in Environmental Science” where upon he informed the students about the Bionic leaf technology; Lithium air batteries; bio-fuel production; Carbon dioxide soaking process; Albido rays; plastic degrading bacteria etc. These concepts were totally new and enlightening to the students.



**Dr. Narsing Bandela delivering his talk on New Trends in Environmental science on 31st January, 2023.**

Dr. Laxmikant Shinde, Head and Professor, Zoology Department, JES College, Jalna spoke on “Billion Dollar Biological Threat- Mosquito.” Dr. Shinde explained the students what a Mosquito is; types of mosquitoes; identification of disease causing mosquitoes, the economy involved in mosquito transmitted diseases etc.



**Dr. Laxmikant Shinde delivering his talk on Research Ethics on 31st January, 2023.**

Through the Workshop, F.Y; S.Y and T.Y.B. Sc students were benefitted.

Time: 10:30am - 1:00pm

Sr.no.	Student's name	Mobile no.	Class	Sign	Sr.no.	Student's name	Class	Mobile no.	Sign
1)	Chauhan Neelam Mahendra	9172070961	SY BSc	<u>Neelam</u>	25)	Shinde Suresh Ramesh	SY BSc	7758932703	<u>Suresh</u>
2)	Kazi simarran Javed	7756923789	SY BSc	<u>Simran</u>	26)	Mulani Apoorv Rajiv	SY BSc	7758932703	<u>Apurva</u>
3)	Shirsat Vaishnavi Ramesh	9022506793	SY BSc	<u>Vaishnavi</u>	27)	Kapare Sakshi Hindimou	FY BSc	7821959750	<u>Sakshi</u>
4)	Kolale Akanksha Shantaram	9359839349	S-Y BSc	<u>Akanksha</u>	28)	Janrao Kranti Jayanna	SY BSc	9420752903	<u>Kranti</u>
5)	Katke Asmita shahaji	8975226462	S.Y BSc	<u>Asmita</u>	29)	Pratapoti Manisha Gopal	SY BSc	8421420748	<u>Manisha</u>
6)	Ghigze Gayatri Santosh	7499673553	S.Y BSc	<u>Gayatri</u>	30)	Gadase Pradnya Ramesh	SY BSc	8805218891	<u>Pradnya</u>
7)	Gorud Sayali Sunil	8767000583	S.Y BSc	<u>Sayali</u>	31)	Bhokadi Gauri Sitaram	SY BSc	8199483975	<u>Gauri</u>
8)	Katke Ankita Santosh	8010220742	S.Y BSc	<u>Ankita</u>	32)	Bharati Sakeshi Suresh	SY BSc	8010119179	<u>Bharati</u>
9)	Gaikwad Sheeya Shrikeshna	8608722538	S.Y BSc	<u>Sheeya</u>	33)	Barnikar Pooja Lalasa	SY BSc	7038597265	<u>Pooja</u>
10)	Mahajan Shivani Jitendra	8983350391	S.Y BSc	<u>Shivani</u>	34)	Phadatore Aditi Sunil	SY BSc	8739997453	<u>Aditi</u>
11)	Ahijne Mansi sunil	8788910438	S.Y BSc	<u>Ahijne</u>	35)	Phadatore Aditi Madhukar	SY BSc	8767617852	<u>Aditi</u>
12)	Katke Vishakha Rajendra	8805245612	S.Y BSc	<u>Vishakha</u>	36)	Jagdale Ashwini Sanjay	FY BSc	7337942195	<u>Ashwini</u>
13)	Kalake Sakshi Manu	9350092256	S.Y BSc	<u>Sakshi</u>	37)	Kadam Bhavana Pavnita	FY BSc	3322348423	<u>Bhavana</u>
14)	Kamthe Srushti Mohan	8483089979	F.Y BSc	<u>Srushti</u>	38)	Kakade Vaishnavi Sambhaji	FY BSc	8080057433	<u>Vaishnavi</u>
15)	Memone Shrivani Gorakhnath	7448409476	F.Y BSc	<u>Shrivani</u>	39)	Jagtap Pooja Prashant	FY BSc	7058316529	<u>Pooja</u>
16)	Pawar Ketaki Tulshiram	3172629377	F.Y BSc	<u>Ketaki</u>	40)	Bardal Neha Chandrakant	F.Y BSc	8908166543	<u>Neha</u>
17)	Takawade Mayuri Shrirang	7276379393	T.Y BSc	<u>Mayuri</u>	41)	Bhorade Sakshi	F.Y BSc	8983402831	<u>Sakshi</u>
18)	Borawake Isha Anil	7447227614	T.Y BSc	<u>Isha</u>	42)	Dahi Pooja Ravindra	F.Y BSc	7083912403	<u>Pooja</u>
19)	Kazi Alfiya Ajeel	7887867274	F.Y BSc	<u>Alfiya</u>	43)	Jadhav Akshata Suresh	F.Y BSc	8432616629	<u>Akshata</u>
20)	Mhetre Ankita Vijay	7888279643	T.Y BSc	<u>Ankita</u>	44)	Tilakkar Aarti Laxman	F.Y BSc	8378035417	<u>Aarti</u>
21)	Pawar Vaishnavi Vitthal	8767770529	F.Y BSc	<u>Vaishnavi</u>	45)	Khaladkar Srushti Sanjay	F.Y BSc	2010848841	<u>Srushti</u>
22)	Pawar Sakshi Nandkumar	7083945879	T.Y BSc	<u>Sakshi</u>	46)	Katke Shweta Sambhaji	F.Y BSc	8527180312	<u>Shweta</u>
23)	Chivhe Vaishnavi Dashrath	7447351845	T.Y BSc	<u>Vaishnavi</u>	47)	Katke Pooja Mahesh	F.Y BSc	9922385737	<u>Pooja</u>
24)	Kamthe Vaishnavi Sambhaji	9561500953	T.Y BSc	<u>Vaishnavi</u>	48)	Bhongale Vaishnavi Mahesh	SY BSc	8767212920	<u>Vaishnavi</u>
25)	Zande Tejal Bajirao	9970851995	T.Y BSc	<u>Tejal</u>	49)	Nigade Sakshi Dhanaji	SY BSc	9322002390	<u>Sakshi</u>
26)	Suree Sakshi Nitin	9665021898	T.Y BSc	<u>Sakshi</u>	50)	Kalbor Pratiksha Eknath	F.Y BSc	9923687082	<u>Pratiksha</u>
27)	Pratapoti Meenakshi G	9699964392	F.Y BSc	<u>Meenakshi</u>	51)	Dhumal Apesha Ramesh	T.Y BSc	7821933534	<u>Apesha</u>

Sl. no.	Students name	Class	Mobile no.	Sign	Sl. no.	Students name	Class	Mobile no.	Sign
55	Kale shweta Sanjay	TY-BSc	7592967573	<u>Kale</u>	83	Vaygand Rutuja Rohidas	F.Y.BSc	7410127232	<u>Purpaj</u>
56	Rananawate Samrudhi S.	F.Y.BSc	9357886443	<u>Rananawate</u>	84	Darekar Ashwini Pradip	F.Y.BSc	8399059519	<u>A.P. Darekar</u>
57	Bankar Karishma Dattatray	3Y.BSc	715992703	<u>Bankar</u>	85	Patil Jyashree Vijay	F.Y.BSc	9609330865	<u>Santoshal</u>
58	Nishwakarma Laxmi Dinesh	T.Y.BSc	9552207331	<u>Laxmi</u>	86	Pomthe Trupti Anil	F.Y.BSc	7020282814	<u>Trupti</u>
59	Kamthe Kamal Ramesh	5Y.BSc	7087299052	<u>Kamthe</u>	87	Kapare Sakshi Sudam	F.Y.BSc	8761385677	<u>Sakshi</u>
60	Kalte Tanuja Vikas	T.Y.BSc	9175939059	<u>Kalte</u>	88	Ghadage Zharashree Balasa	F.Y.BSc	7498091994	<u>Zharashree</u>
61	Botre Neha Narndev	T.Y.BSc	9403207758	<u>Botre</u>	89	Sonawane Himxvi Prulad	F.Y.BSc	9021134205	<u>Shri</u>
62	Pawar Samiksha Santosh	F.Y.BSc	9923422018	<u>Pawar</u>	90	Shitole Aaditi Dhananjay	F.Y.BSc	7057455328	<u>Aaditi</u>
63	Katade Shruti D.	F.Y.BSc	8329665384	<u>Katade</u>	91	Tarawade Vaishnavi Sachin	F.Y.BSc	7912180366	<u>Vaishnavi</u>
64	Mhaske priyanka J.	F.Y.BSc	7872757676	<u>Mhaske</u>	92	Pawar Komal Dattatray	F.Y.BSc	7372652482	<u>Pawar</u>
65	Kudale Saloni S.	F.Y.BSc	9970410863	<u>Kudale</u>	93	Pawar Sushani Dattatray	F.Y.BSc	8010547841	<u>Sushani</u>
66	Kokare Pratiksha M.	F.Y.BSc	9029985177	<u>Kokare</u>	94	Adak Atharva Ganesh	Sy.BSc	8520116271	<u>Atharva</u>
67	Dhumal <sup>Purkarsha</sup> <del>Pratiksha</del> S.	F.Y.BSc	9112052138	<u>Dhumal</u>	95	Pawar Adarsh Mahendra	F.Y.BSc	9021941359	<u>Adarsh</u>
68	Katade Shubhangi G.	F.Y.BSc	9322216111	<u>Katade</u>	96	Shirke Omkar Ganesh	F.Y.BSc	9552243849	<u>Omkar</u>
69	Kamthe shivani vites	F.Y.BSc	7058087192	<u>Kamthe</u>	97	Wagh Shubham Ashok	F.Y.BSc	8421751855	<u>Shubham</u>
70	Lanjawar Triangvi Rajkumar	F.Y.BSc	9989258613	<u>Lanjawar</u>	98	Bhaskar Prem Sanjay	F.Y.BSc	7872038971	<u>Prem</u>
71	Mulik Tanuja Jalindar	TY.BSc	9410189765	<u>Mulik</u>	99	Gaikwad Piyush Vasani	Sy.BSc	8767271178	<u>Piyush</u>
72	Kale Saloni Samdeep	TY.BSc	7666404629	<u>Kale</u>	100	Shankar Dipak Bhandou	S.Y.BSc	8766421460	<u>Dipak</u>
73	Jadhav Deayani Vijay	F.Y.BSc	8765611690	<u>Jadhav</u>	101	Yadav Omkar Arun	S.Y.BSc	9021931634	<u>Omkar</u>
74	Jagtap Bhavna Sampat	F.Y.BSc	8556949515	<u>Jagtap</u>	102	Rashat Mayuresh N	S.Y.BSc	7397242747	<u>Mayuresh</u>
75	Kad Yogita Sanjay	F.Y.BSc	8999263098	<u>Kad</u>	103	Mole Nandu Ratnakar	S.Y.BSc	7715085959	<u>Nandu</u>
76	Konde Tejal Dilip	F.Y.BSc	7745074907	<u>Konde</u>	104	Chochar Abhishek D	F.Y.BSc	9322852499	<u>Abhishek</u>
77	Jagtap Kundan D.	F.Y.BSc	9421302517	<u>Jagtap</u>	105	SHEKHAR SANGRAM S	F.Y.BSc	8010692509	<u>Sangram</u>
78	Kundhalkar Rohan L.	F.Y.BSc	8767752101	<u>Kundhalkar</u>	106	Barkate Rutvik Subhash	TY.BSc	9359218921	<u>Rutvik</u>
79	Khenpre Yikram A.	F.Y.BSc	907592511	<u>Khenpre</u>	107	Anilke Rupesh Rajendra	F.Y.BSc	8459134020	<u>Rupesh</u>
80	Kamthe Deodatta S.	F.Y.BSc	7249991264	<u>Kamthe</u>	108	Mirasa Vyantakeshwar	F.Y.BSc	7058176760	<u>Vyantakeshwar</u>
81	Dighe vedika B.	F.Y.BSc	7841833412	<u>Dighe</u>	109	Modak Abhishek Babu	F.Y.BSc	9168569893	<u>Abhishek</u>
82	Jagtap Ishwari M.	F.Y.BSc	8777904901	<u>Jagtap</u>	110	Kumbhar Aditya uttan	F.Y.BSc	9145723978	<u>Aditya</u>

30<sup>th</sup> January, 2023

Time: 1:00 pm - 2:30 pm

111	Raut saurabh salish	9573666236	SR.
112	Yadav Akash Ramdas	9607358714	AV
113	walke Rohit Revaji	932256575	AV
114	shinde yashwant Rajendra	9767528856	De
115	Konde Kumal Santosh	9067318263	De
116	Shirke Tejas Bapurao	9022811745	De
117	Jagtap Tejas Ramdas	7498942760	De
118	Thapate Anushri-Laxman	8010426106	H.J.
119	Shirke Omkar Ganu	9552843849	S.
120	Kudale Swamiraj Chagan	7218722571	Pavanga
121	Gaikwad Piyush Vasant	8767231178	Gaikwad Pr
122	Bhaskar Prem Sanjay	7372038971	Mun
123	Bange Siddhard Chandrashekhar	8080741374	Bange
124	Yadav Anand Mohan	8888730163	A.M.Yadav
125	Sonawane yash Dattatray	9763684712	S.
126	Jadhav om Sammath.	9699769559	Sammath
127	Mahajan Shivani Jitendra	8983380391	Shivani
128	Gadhane Rutuja sanjay	8010499283	R.S.Gadhane
129	Badhe Pratiksha H.	7499261353	Badhe
130	Pawar Siddesh S.	9011858803	S.
131	Adas Aditya Arun	9673479922	Adas


READ,  
Department of Zoology,  
Waghire College, Saewad  
Dist. Pune

PRINCIPAL  
Waghire College, Saewad  
Tal. Purandar, Dist. Pune.

Srno.	Student's Name	Sign	Class.	Mobile No.
1)	Bange Siddhard Chandrashekhar	Bange	SY BSc	8080741374
2)	Yadav Anand Mohan	A.M.Yadav	SY BSc	8888730163
3)	Pawar Adarsh Mahendra	Pawar	S.Y.BSc	3024841354
4)	Adas Atharva Ganesh	Adas	S.Y.BSc	8530116291
5)	Yadav Omkar Arun	Yadav	S.Y.BSc	5021911634
6)	Sonawane yash Dattatray	S.	S.Y.BSc	9763684712
7)	Jadhav om Sammath.	Sammath	F.Y.BSc	9699769559
8)	Tejas Jagtap	T.J.	F.Y.BSc	7498942760
9)	Bhaskar Prem Sanjay	Bhaskar	S.Y.BSc	7372038971
10)	Kad Yogita Sanjay	Kad	F.Y.BSc	8999263098
11)	Konde Tejal Dilip	Konde	F.Y.BSc	7745074907
12)	Katake Shubhangi Ganpat	Katake	F.Y.BSc	9527180717
13)	Pranjapati Manisha Bipal	Pranjapati	S.Y.BSc	8421420748
14)	Mahajan Shivani Jitendra	Shivani	S.Y.BSc	8983380391
15)	Kamthe Komal Ramchandra	Kamthe	S.Y.BSc	75872499052
16)	Gadhane Rutuja Sanjay	Gadhane	S.Y.BSc	8010499283
17)	Kapare Sakshi Hindurav	Kapare	F.Y.BSc	7821950750
18)	Jantao Kranti Dayanand	Jantao	S.Y.BSc	9420752909
19)	Katale Shubhangi Ganpat	Katale	F.Y.BSc	9922916111
20)	Vaygand Rutuja Rahida	Vaygand	F.Y.BSc	7410127232
21)	Pole Jayshree vijay	Pole	F.Y.BSc	9004353265
22)	Darekar Ashwini Pradip	Darekar	F.Y.BSc	8999059519
23)	Dharmal Uttorsha Suresh	Dharmal	F.Y.BSc	9112052198
24)	Mhaste priyanka Jalinda	Mhaste	F.Y.BSc	797275767
25)	Kokane pratiksha M.	Kokane	F.Y.BSc	902899517
26)	Kopare Sakshi Sudam	Kopare	F.Y.BSc	8767385577
27)	Kudale Saloni Santosh	Kudale	F.Y.BSc	997041086
28)	Pawar Vaishnavi Vittal	Pawar	F.Y.BSc	8767770529

23]	Sonawane Himant Pratiksha	F.Y.BSC	SPR	9021194005
24]	Jagodale Ashwini Sanjay	F.Y.BSC	MS	7397742195
25]	Dahri Pooja Ravindra	F.Y.BSC	DAHE	7083384008
26]	Tadkhav Akshada Suresh	F.Y.BSC	ANJAN	932516529
27]	Katke Pooja Mahesh	F.Y.BSC	PRK	9322385777
28]	Kalher Pratiksha Eknath	F.Y.BSC	PRK	9123687682
29]	Kakade Vaishnavi Sanjay	F.Y.BSC	PRK	8777111111
30]	Madatane Aditi Madhukar	Sy.BSc	ADITI	8767717852
31]	Madatane Aditi Sunil	Sy.BSc	ADITI	8733337453
32]	Chauhan Neelam Mahesh	S.Y.BSc	ADITI	9172070961
33]	Shirsat Vaishnavi Ramesh	S.Y.BSc	SHIRSAT	9022506793
34]	Kazi Simran Javed	S.Y.BSc	SHIRSAT	7756923739
35]	Kolade Ankusha Shantaram	S.Y.BSc	SHIRSAT	0359839349
36]	Jagtap Bhawna Sampat	F.Y.BSc	SHIRSAT	8556349715
37]	Tadkhav Devayani Vijay	F.Y.BSc	SHIRSAT	9561252829
38]	Bhargate Vaishnavi Mahesh	S.Y.BSc	SHIRSAT	8967212980
39]	Nigadi Sakshi Dhanraj	S.Y.BSc	SHIRSAT	9322002390
40]	Kamthe Shivani Vitas	F.Y.BSc	SHIRSAT	7058087192
41]	Lanjewar Manasi Rajkumar	F.Y.BSc	SHIRSAT	7689253614
42]	Bhokate Gauze Sitarom	S.Y.BSc	SHIRSAT	8193489975
43]	Shinde Suresh Ramesh	S.Y.BSc	SHIRSAT	7758932703
44]	Mulani Apoorva Rajesh	S.Y.BSc	SHIRSAT	7758932703
45]	Bankar Kusuma Dattatray	S.Y.BSc	SHIRSAT	7058944914
46]	Ganrud Sayali Sunil	S.Y.BSc	SHIRSAT	8767000563
47]	Katke Asmita Shahaji	S.Y.BSc	SHIRSAT	8975226962
48]	Ghisee Gayatri Sankesh	S.Y.BSc	SHIRSAT	7494673633
49]	Katke Vishakha Rajendra	S.Y.BSc	SHIRSAT	8906295612
50]	Katke Anvita Santosh	S.Y.BSc	SHIRSAT	8010220742
51]	Ganikwad Sheela Shrinivas	S.Y.BSc	SHIRSAT	8668722538

52]	Katke Sakshi Mazuli	S.Y.BSc	SHIRSAT	9350659256
53]	Khaladkar Sushli Sanjay	F.Y.BSc	SHIRSAT	8010848841
54]	Tilkar Aarti Lakshman	F.Y.BSc	SHIRSAT	8319035717
55]	Godhawe Rutuja Sanjay	F.Y.BSc	R.S.G	8010499283
56]	Kadam Bhawna R.	F.Y.BSc	B.K.HALAM	3372948423
57]	Pamthe Trupti A.	F.Y.BSc	TRUPTI	7020280314
58]	Pawar Suhani D.	F.Y.BSc	SHIRSAT	8010547841
59]	Shrawade Vaishnavi S.	F.Y.BSc	SHIRSAT	797280366
60]	Pawar Komal D.	F.Y.B.Sc	SHIRSAT	7372652482
61]	Badhe Pratiksha H.	F.Y.B.Sc	SHIRSAT	7499261353
62]	Jagtap Pooja P.	F.Y.B.Sc	SHIRSAT	7058916529
63]	Shitole Aarti Dhanraj	F.Y.B.Sc	SHIRSAT	7057455328
64]	Kamthe Sushli Mahesh	F.Y.B.Sc	S.M.K	8483089974
65]	Mamane Shrawani G.	F.Y.B.Sc	SHIRSAT	7448209476
66]	Pawar Ketaki T.	F.Y.B.Sc	SHIRSAT	9172673317
67]	Sayyad Saniya N.	F.Y.B.Sc	SHIRSAT	9163268329
68]	Basavkar Pooja Mahesh	S.Y.B.Sc	SHIRSAT	7638577262
69]	Bhargate Sushli Suresh	S.Y.B.Sc	SHIRSAT	8010119779
70]	Assul Aditya Arun	F.Y.B.Sc	SHIRSAT	9613074422
71]	Nimbalkar Shradha B.	S.Y.B.Sc	SHIRSAT	8799986208

  
 HEAD,  
 Department of Zoology,  
 Waghmare College, Saswad  
 Dist. Pune.

  
 PRINCIPAL  
 Waghmare College, Saswad  
 Tal. Purandar, Dist. Pune.



1)	Chauhan Neelam Mahendra	SY BSc	872070961	Chauhan
2)	Boravkar Pooja Lalaso	SY BSc	7038537265	Boravkar
3)	Bharati Sakshi Suresh	SY BSc	8010113179	Bharati
4)	Kapare Tanuja Rajendra	SY BSc	9370547193	TR.K
5)	Shirsat Vaishnavi Ramesh	SY BSc	9022506793	Shirsat
6)	Kalale Akanksha Shambharam	SY BSc	7359834241	Kalale
7)	Kazi Simran Javed	F.Y. BSc	7756923739	Kazi
8)	Gadase Pradnya Ramesh	SY BSc	8806213891	Gadase
9)	Brajapati Manisha Vinod	SY BSc	8421420448	Brajapati
10)	Mahajan Shivani Jitendra	SY BSc	8383380391	Mahajan
11)	Mulani Afroz Rafik	SY BSc	9325323483	Mulani
12)	Bankar Kailash Dattatray	SY BSc	9325323483	Bankar
13)	Bhokate Gauvi Sitarom	SY BSc	8199489975	Bhokate
14)	Shinde Sweeny Ramesh	SY BSc	7758392703	Shinde
15)	Konde Tejal Dilip	F.Y. BSc	7745074907	Konde
16)	Kod Yogita Sanjay	F.Y. BSc	3399263093	Kod
17)	Jadhav Akshada Suresh	F.Y. BSc	8432616629	Jadhav
18)	Katle Shubhangi Ganpat	F.Y. BSc	9322916111	Katle
19)	Kokare Pratishtha Mahadev	F.Y. BSc	9028985177	Kokare
20)	Mhaske Priyanka Jalinde	F.Y. BSc	7372757675	Mhaske
21)	Dhumal Uttanisha Subha	F.Y. BSc	912052188	Dhumal
22)	Kudale Suloni Santosh	F.Y. BSc	9970410563	Kudale
23)	Pauley Vaishnavi Vittal	F.Y. BSc	8767770529	Pauley
24)	Katake Payal Mhasaku	F.Y. BSc	7922385737	Katake
25)	Kakade Vaishnavi Sambhaji	F.Y. BSc	8080057433	Kakade
26)	Kalhor Pratishtha Eknath	F.Y. BSc	9523687082	Kalhor
27)	Phadatar Aditi Sunil	SY BSc	8799997453	Phadatar

28)	Jainra Kranti D. Suresh	SY BSc	9420752985	Jainra
29)	Kapare Sakshi Him Suresh	SY BSc	7541959700	Kapare
30)	Tekawade Dnyaneshwari Babar	SY BSc	9322782830	Tekawade
31)	Dahi Pooja Ravindra	SY BSc	2088312408	Dahi
32)	Sonawane Himani Prakash	SY BSc	9024130205	Sonawane
33)	Jagdale Ashwini Sanjay	SY BSc	7337912195	Jagdale
34)	Kapare Sakshi Subham	SY BSc	8767355677	Kapare
35)	Shinde Neha Rajendra	SY BSc	9699060418	Shinde
36)	Jogtap Tejas Ramdas	SY BSc	88749894	Jogtap
37)	Shikha Rupesh Rajendra	SY BSc	8459134000	Shikha
38)	Mirase Yamkeshwar Nandu	SY BSc	7058170700	Mirase
39)	Bhaskar Prem Sanjay	SY BSc	7912038901	Bhaskar
40)	Pauley Siddesh Sunil	SY BSc	9011658803	Pauley
41)	Waghre Shabham Ashok	SY BSc	842175855	Waghre
42)	Shikha Omkar Tanvi	SY BSc	9552247003	Shikha
43)	Kudale Swaminaray Chagan	SY BSc	7238722571	Kudale
44)	Adasi Aditya Arun	SY BSc	9673479122	Adasi
45)	Phadate Anirach S	SY BSc	3152627322	Phadate
46)	Khadse Laxman B	SY BSc	9359300700	Khadse
47)	Nimbalkar Shradha B	SY BSc	8799986208	Nimbalkar
48)	Ahodekar Shankar Biraj	SY BSc	8766921400	Ahodekar
49)	Yadav Omkar Arun	SY BSc	8021931634	Yadav

  
**HEAD,**  
 Department of Zoology,  
 Waghire College, Sawad  
 Dist. Pune.

  
**PRINCIPAL**  
 Waghire College, Sawad  
 Tal. Purandar, Dist. Pune.

Field efficacy studies of basal dose of organic & biofertilizers on plant growth & yield of Ground Nut

### **Experimental design**

1) Group name- Group no.3

Team Members :- 1. Gaikwad Poonam Rajaram  
2.Deshpande Anagha Umesh  
3.Chivhe Vaishnavi Dashrath  
4.Yadav Ravina Gorakh  
5.Tilekar Snehal Ravindra

2) Crop name – Groundnut & Variety-Varad Lakshmi

3) Treatments-

a) Control- Name of chemical fertilizer – Urea 18:18

b) Test- 1. Shubharambh Dose (Speed compost, Team Bio 3 Granules,TABA G ZSB)  
2.Vitormone & Taba(Products of Kan Biosys)

4) Application details- (Date of sowing- 1 jan 2023

5) Date of fertilizer application- 30 jan 2023, 20 Feb 2023

6) Dates of observations-12May 2023

P.D.E.A's  
Waghire College of Arts, Commerce and Science  
Saswad, Pune.

**Interactive Session  
(Under DBT-Star scheme)**

**On  
"The role of Biofertilizers in Integrated Nutrient Management of crops"**

**Thursday, 02/02/2023**

**Guest Speaker:** Dr. Medha Kulkarni  
Dr. Prashant Pawar  
Kan Biosys Pvt. Ltd., Pune

The department of Microbiology has organised a lecture series for T.Y.B.Sc. Microbiology students under DBT Star scheme. On February 2, 2023, at 1.30 pm, the interactive session was held based on a demonstration activity in fields. The topic was "The role of Biofertilizers in Integrated Nutrient Management of crops". The resource persons invited for the lecture were Dr. Medha Kulkarni and Dr. Prashant Pawar from Kan Biosys Pvt. Ltd., Pune. The lecture was very useful for all students having farming background. To learn more about their town, farms, crops, sowing season, etc., students were given Google Form developed by resources prior to this session. Based on this information, students were grouped to perform this field activity and to monitor crop on regular basis. This interactive workshop and demonstration-based exercise taught students how to effectively apply biofertilizers supplied by Kenbiosys in the field prior to, during, and after seed sowing, how to monitor the effect and to maintain soil health.

This session was conducted under the guidance of Principal Dr. Pandit Shelke and in an immense presence of Prof. H. V. Sonawane, Head, and the staff of microbiology dept. Formal welcome was done by Ms. Vishakha N. Ganvir and vote of thanks was given by the students of Microbiology Ms. Tejal B. Zende.

  
Head  
Department of Microbiology  
Waghire College, Saswad

  
Co-ordinator  
DBT- STAR College

  
PRINCIPAL  
Waghire College, Saswad  
Tal. Purandar, Dist. Pune.

P.D.E.A's

**Waghire College of Arts, Commerce and Science**


- **Saswad, Tal. - Purandar, Dist.- PunePune.**

**Notice for Students**

Date: 30/01/2023

This is to inform you that the Department of Microbiology is organising an interactive training session and demonstration on **2nd February 2023 from 1.30 pm** under DBT star scheme for T.Y.B.Sc. Microbiology students. The theme of this demonstration and training session is **"Role of biofertilizers in integrated nutrient management of crops"**. Two renowned scientists and researchers Dr. Medha Kulkarni and Dr. Prashant Pawar, from Kan Biosys Pvt. Ltd., Pune, will lead this interactive training session.

Everyone is invited in the Department of Microbiology Laboratory to attend the event.

  
Head

Department of Microbiology  
Waghire College, Saswad



PRINCIPAL  
Waghire College, Saswad  
Tal. Purandar, Dist. Pune.

Date - 21/2/2023 Activity Based programme  
 Dr. Medha Kulkarni & Dr. Prashant Pawar



Saswad, Maharashtra, India  
 Jyoti park housing society, MADCO, 922G→Q22, Seema Nagar,  
 Saswad, Maharashtra 412301, India  
 Lat 18.352296°  
 Long 74.026055°  
 02/02/23 02:26 PM



Saswad, Maharashtra, India  
 926J+5M3, Hivarkarmala, Saswad, Maharashtra 412301, India  
 Lat 18.360486°  
 Long 74.032399°  
 02/02/23 02:26 PM



Saswad, Maharashtra, India  
 926J+5M3, Hivarkarmala, Saswad, Maharashtra 412301, India  
 Lat 18.360486°  
 Long 74.032399°  
 02/02/23 02:24 PM



Parameter	Value	Unit
Moisture (at 105°C)	10.00	%
Loss on drying (at 105°C)	10.00	%
Residue on ignition (at 550°C)	10.00	%
Residue on ignition (at 700°C)	10.00	%
Residue on ignition (at 800°C)	10.00	%
Residue on ignition (at 900°C)	10.00	%
Residue on ignition (at 1000°C)	10.00	%
Residue on ignition (at 1100°C)	10.00	%
Residue on ignition (at 1200°C)	10.00	%
Residue on ignition (at 1300°C)	10.00	%
Residue on ignition (at 1400°C)	10.00	%
Residue on ignition (at 1500°C)	10.00	%
Residue on ignition (at 1600°C)	10.00	%
Residue on ignition (at 1700°C)	10.00	%
Residue on ignition (at 1800°C)	10.00	%
Residue on ignition (at 1900°C)	10.00	%
Residue on ignition (at 2000°C)	10.00	%

NAME	
DATE	02/02/2023

Interaction session

by

Dr. Medha Kulkarni

&

Dr. Prashant Pawar

(Kan Biosys)

Date: 02/02/2023

Time: 2:00 pm onwards.

Sr.	Name	Sign
1	Mulik Tanuja Jalindar.	<u>Tanuja.</u>
2.	Kale Saloni Sandeep	<u>Kaleni</u>
3.	Kale Shweta Sanjay	<u>Kale</u>
4.	Gaikwad Sakshi Uttam	<u>Gaikwad</u>
5.	Thopate Ravina Rohidas.	<u>Thopate.</u>
6.	Gaikwad Sonali Ramesh	<u>Gaikwad</u>
7.	Mame Sushiti Ajit	<u>Mame</u>
8.	Borawake Isha Anil	I.A. Borawake
9.	Takawale Mayuri Shrirang	M.S. Takawale
10.	Mhetre Ankita Vijay	<u>Mhetre</u>
11.	Kazi Alfiya Ajaj	<u>Kazi</u>
12.	Surve. Sakshi. Nitin	<u>Surve</u>
13.	Prajapati. Meenakshi. Gopal	<u>Prajapati</u>
14.	Kharade Shweta Prakash	<u>Kharade</u>
15.	Pangare Dipali Dattatray	<u>Pangare</u>
16.	Kolte Tanuja Vikas	<u>Kolte</u>
17.	Kamthe Vaishnavi Sambhaji	<u>Kamthe.</u>
18.	Pawar Sakshi Nandkumar	<u>Pawar</u>
19.	Tilekar Snehal Ravindra	<u>Tilekar</u>
20.	Gaikwad Poonam Rajoram	<u>Gaikwad</u>
21.	Yadav Ravina Gorakh	<u>Yadav</u>
22.	vishwakarma Laxmi Dinesh	<u>Laxmi</u>
23.	Deshpande Anagha Umesh	<u>Deshpande</u>
24.	chivhe Vaishnavi Dashrath	<u>Chivhe.</u>
25.	Zende Tejal Bajirao	T.B. Zende
26.	Botre Neha Namdev	<u>Botre</u>
27.	Gurav Viraj Vijay	<u>Gurav</u>
28.	Barkade Rutvik Subhash	<u>Barkade</u>
29.	Shinde Prashant Pralhad	<u>Shinde</u>
30.	Kale Pratik Sanjay	<u>Kale</u>
31.	Vedpathok Pratik Dinesh	<u>Vedpathok</u>
32.	Shirke Sandip Ganesh	<u>Shirke</u>
33.	Pawar Pranav Subhash	<u>Pawar</u>
34.	More Aditya Pandurang	<u>More</u>

Boys

- |     |                           |                |
|-----|---------------------------|----------------|
| 35. | Khatwadi Vaibhav Bhanudas | <u>Vaibhav</u> |
| 36. | Mhetre Aditya Sunil       | <u>Aditya</u>  |
| 37. | Pawar Gaurav Rohidas      | <u>Gaurav</u>  |
| 38. | Choudhary Rutik Ravindra  | <u>Rutik</u>   |
| 39. | Kapare Yash Arun          | <u>Yash</u>    |
| 40. | Barkade Prasad Balu       | <u>Prasad</u>  |
| 41. | More Mayur Somnath        | <u>Mayur</u>   |
| 42. | Chavan Kunal Gopalshiv    | <u>Kunal</u>   |
| 43. | Gavade Nishal Ramchandra  | <u>Nishal</u>  |
| 44. | Shaikh Sehaaj Meharajkhan | <u>Sehaaj</u>  |
| 45. | Dhumal Apeksha Ramesh     | <u>Apeksha</u> |

J. B. Sawane  
**Head**  
 Department of Microbiology  
 Waghire College, Saswad



## PDEA'S

Waghire College of Arts, Commerce and Science,

Saswad, Tal-Purandar, Dist-Pune (2022-23)

### GUEST LECTURE

(Under DBT STAR scheme)

On 'Soil Study and Use of Bioinoculants'

Date: 12/12/2022

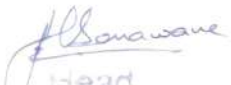
Guest speaker: **Dr. Medha Kulkarni,**

Head, Production and Product Development  
KanBiosys, Pvt. Ltd., Pune

Under DBT Star scheme, the department of Microbiology had organised a guest lecture on "Soil Study and Use of Bioinoculants" for T. Y. B. Sc. microbiology students, on 12<sup>th</sup> December 2022 at 11.30 a.m. The lecture was organized to make students understand the concepts of bioinoculants and its application in soil to get better crop yield. We had an immense presence of an eminent personality **Dr. Medha Kulkarni**, Head, Production and Product Development, KanBiosys, Pvt. Ltd., Pune, as a resource person to share her knowledge and expertise in the said topic.

She talked about the necessity to study soil. Before applying large quantity of fertilisers, it is necessary to understand about micronutrients and various elements present in soil. She discussed with students about the methods of Soil study and how these methods are important in improving the soil structure. She explained students how in the recent years, use of various bioinoculants is becoming important for increasing crop yield which otherwise we were not able to get by using chemical fertilisers.

Lastly she urged & motivated students to come forward & work in the field of Bioinoculants. All faculty members of Microbiology departments were present for a lecture. Introduction of the program and vote of thanks was given by Ms. Hemlata V. Sonawane.

  
Head  
Department of Microbiology  
Waghire College, Saswad

  
Co-Ordinator:  
DBT- STAR College

  
PRINCIPAL  
Waghire College, Saswad  
Tal. Purandar, Dist. Pune.

PDEA's

Waghire College of Art's, Commerce & Science, Saswad

Department of Microbiology

Notice for Students

All the T.Y.B.Sc Microbiology students are hereby informed that under DBT Star College Scheme, an interactive lecture is arranged on **Monday, 12/12/2022 at 11.30 am** and will be delivered by **Dr. Medha Kulkarni** from Kan biosys, Pune on topic "**Soil study & use of Bio fertilizers**". This lecture will be very useful to you all as it is based on your T.Y.B.Sc Microbiology curriculum and it will help you to understand concept of Soil & use of Bio fertilizers.  
Attendance is compulsory.

  
Head  
Department of Microbiology  
Waghire College, Saswad

  
PRINCIPAL  
Waghire College, Saswad  
Tal. Purandar, Dist. Pune

# Department of microbiology

## Guest Lecture Soil study and use of biofertilizer

12-12-2022

Name of the students	Sign	Name of the students	Sign
Bahirat sumit mahadev		Khutwad Vaibhav Bhanudas	
Barkade Prasad Balu		Kolte Tanuja Vikas	
Barkade Rutvik Subhash		Kul Shubham Dadaso	
Bhongale Nikita Shantaram		Kulkarni Mrudula Dattatray	
Borawake Isha Anil		Mane srushti ajit	
Botre Neha Namdev		Memane Saurabh Narayan	
Chavan kunal sadashiv		Mhetre Aditya Sunil	
Chivhe Vaishnavi Dashrath		Mhetre Ankita Vijay	
Choudhari Rutik Ravindra		More Aditya Pandurang	
Dalvi Gorakh Janardan		More Mayur Somnath.	
Deshpande Anagha Umesh		Mulik Tanuja Jalindar	
Dhumal Apeksha Ramesh		Ombale Sayali Surykant	
Gaikwad poonam rajaram		Pangare dipali dattatray	
Gaikwad Sakshi Uttam		Pangare Tanuja Pandurang	
Gaikwad Sonali Ramesh		Pawar Gaurav Rohidas	
Gavade Vishal Ramchandra		Pawar kartik ramdas	
Gite Priti Vasudev		Pawar Pranav Subhash	
Gurav viraj vijay		Pawar Sakshi Nandkumar	
Kale Pratik Sanjay		Prajapati meenakshi gopal	
Kale Saijoni Sandeep		Shaikh sehabaj meharajkhan	
Kale shweta sanjay		Shinde Prashant Pralhad	
Kamthe Vaishnavi Sambhaji		Shirke Sandip Tanaji	
Kapare Yash Arun		Surve Sakshi Nitin	
Kazi Alfiya Ajaj		Takawale Mayuri Shrirang	
Kharade shweta prakash		Thopate Ravina Rohidas	
Yadav Ravina Gorakh		Tilekar snehal Ravindra	
Zende Tejal Bajirao		Vedpathak Pratik Dinesh	
		Vishwakarma Laxmi Dinesh	

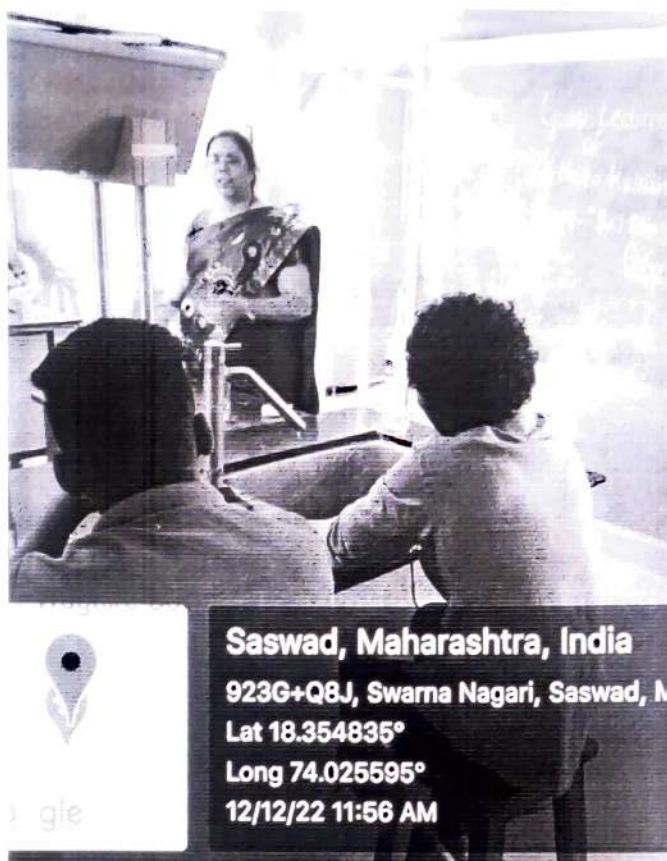
TY Botany -

- 1 Khomane Rutuja Rishikesh
- 2 Khedekar Harshada Bapu
- 3 Pawar Vaishnavi Vishwas

Guest Lecture - by Dr. Medha Kulkarni  
 On 12/12/2022 at 11:30am  
 Topic: Soil study & use of Biofertilizers.



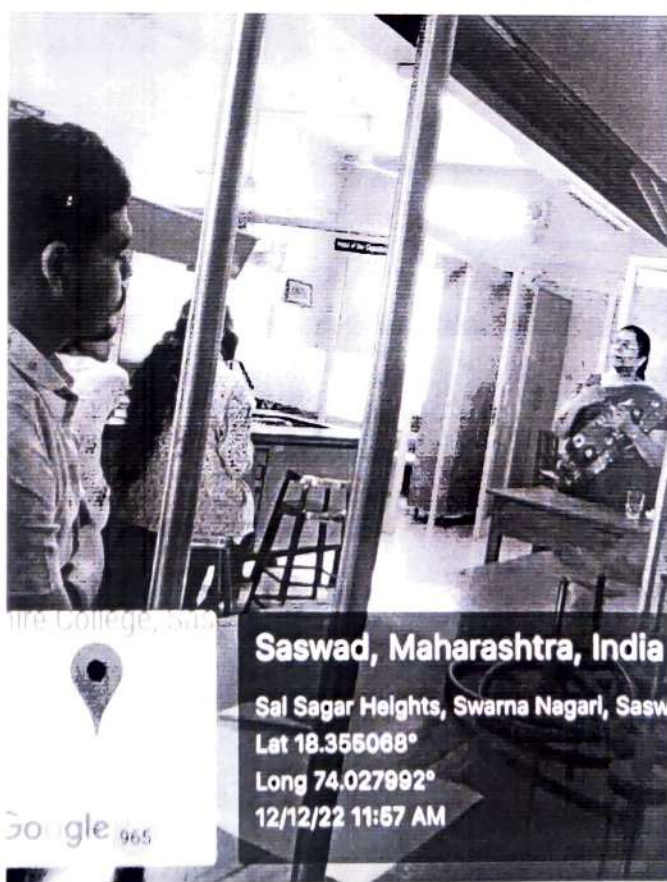
**Saswad, Maharashtra, India**  
 923G+Q8J, Swarna Nagari, Saswad, Maharashtra 41230  
 Lat 18.354845°  
 Long 74.025636°  
 12/12/22 11:59 AM



**Saswad, Maharashtra, India**  
 923G+Q8J, Swarna Nagari, Saswad, M  
 Lat 18.354835°  
 Long 74.025595°  
 12/12/22 11:56 AM



**Maharashtra, India**  
 , Swarna Nagari, Saswad, Maharashtra 412301, India  
 839°  
 25636°  
 :49 AM



**Saswad, Maharashtra, India**  
 Sal Sagar Heights, Swarna Nagari, Sasw  
 Lat 18.355068°  
 Long 74.027892°  
 12/12/22 11:57 AM

O.W. NO - 1149/2022/23

Date - 12/12/2022

To,

Dr.-Medha Kulkarni

Head, production & product development

Kan Biosys, Pvt. Ltd. Pune.

Subject: Invitation as Guest lecturer under DBT Star College Scheme

Dear Madam,

It is an immense pleasure to invite you as a guest lecturer to deliver a talk on "Soil study & use of Bio fertilizers ". This lecture is arranged for our T.Y.B.Sc. Microbiology student. Your lecture would be very useful for these students to understand the concepts of Soil & use of Bio fertilizers. As per your telephonic conversation with Ms. H. V. Sonawane we have scheduled the lecture on **Monday, 12/12/2022 at 11.30 am.**

Looking forward for this interactive session.

Thanks and Regards

  
PRINCIPAL  
Wagholre College, Saswad  
Tal. Purandar, Dist. Pune

PDEA's Waghire College of Arts, Commerce and Science

Department of Microbiology

T. Y. B. Sc.

Field Activity Under MOU

attendance (2023-24)

28<sup>th</sup> February 2024

S.N.	Name of student	Sign.	S.N.	Name of student	Sign.
1	Adak Atharva G	<i>Adak</i>	29	Kumbhar Harshada N	<i>Kumbhar</i>
2	Ahire Manasi S.	<i>Ahire</i>	30	Kumbharkar Divya G.	<i>Divya</i>
3	Banker K D	<i>Banker</i>	31	Lekawale Mahesh Sanjay	<i>Lekawale</i>
4	Barati Sakshi S	<i>Barati</i>	32	Mahajan Shivani J	<i>Mahajan</i>
5	Barvkar Pooja L	<i>Barvkar</i>	33	Mehatre Abhishek R	<i>Abhi</i>
6	Bhondave Shankar D	<i>Bhondave</i>	34	Nigade Sakshi D	<i>Ab</i>
7	Bhongale Vaishnavi M	<i>Bhongale</i>	35	Patole Shital R	<i>Patole</i>
8	Borkar Harshada L	<i>Borkar</i>	36	Pawar Nutan Dattatraya	<i>Ab</i>
9	Chauhan Neelam M	<i>Chauhan</i>	37	Pawar Pradnya S	<i>Pawar</i>
10	Chavanhan Shruti S	<i>Chavanhan</i>	38	Phadtare Aditi M	<i>Aditi</i>
11	Gaikwad Ketan L	<i>Gaikwad</i>	39	Phadtare Aditi S	<i>Aditi</i>
12	Ghodase Pradnya R	<i>Pradnya</i>	40	Phule A.V	<i>Phule</i>
13	Jadhav A.D	<i>Ab</i>	41	Prajapati Manisha G	<i>Manisha</i>
14	Jadhav Snehal R	<i>Snehal</i>	42	Roman Omkar S	<i>Roman</i>
15	Jagdale Vaishnavi S	<i>Jagdale</i>	43	Shah S.G	<i>Ab</i>
16	Jagtap Pratiksha M	<i>Jagtap</i>	44	Shinde Poorva S	<i>Shinde</i>
17	Janrao Karnti D	<i>Janrao</i>	45	Shinde Sweety R	<i>Ab</i>
18	Jarande Prachi M	<i>Jarande</i>	46	Shirke Shradha S	<i>Shirke</i>
19	Kalane T.	<i>Kalane</i>	47	Shirsat Vaishnavi R	<i>Shirsat</i>
20	Kamthe Komal R	<i>Kamthe</i>	48	Takawale Shivani V	<i>Takawale</i>
21	Kamthe Sidhleshwari	<i>Kamthe</i>	49	Tekawade Dnyaneshwari	<i>Tekawade</i>
22	Kapare Sakshi S	<i>Kapare</i>	50	Tilekar Sakshi S.	<i>Ab</i>
23	Kapare Tanja R	<i>T.R.K</i>	51	Yadav Omkar A	<i>Yadav</i>
24	Katake Asmita S	<i>Ab</i>	52	Yadav Pratibha S	<i>Yadav</i>
25	Katake Sushama S	<i>Sush</i>	53	Yadav Shubham	<i>Yadav</i>
26	Kazi Simran J	<i>Kazi</i>	54	Zagade Manoj R	<i>Ab</i>
27	Kolate Aakanksha	<i>Kolate</i>	55	Sonawane Yash	<i>Ab</i>
28	Kolate Atharva S.	<i>Ab</i>	56		

Field efficacy studies of basal dose of Organic and biofertilizers on plant growth and yield of Coriander (Kothimbir)

Experimental Design

Team Members :-

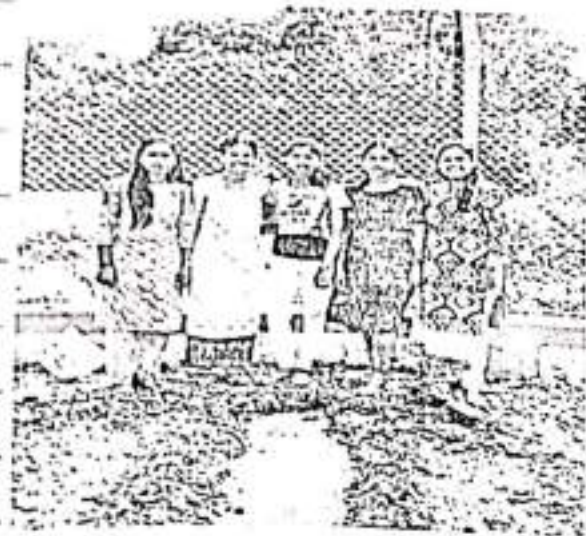
Bharati Sakshi Suresh

Baravkar Pooja Lalaso

Phadtare Aditi Madhukar

Phadtare Aditi Sunil

Kapare Tanuja Rajendra



Crop Name:- Coriander (Kothimbir).

Treatments:-

1) Control

Name of chemical Fertilizer No chemical  
Other Biological input used.

2) Test -

Speed Kompost

Team Bio-3 Granules

TABA ZSB granules

TABA and Vitromone.

Application details -

Date of Sowing - 14 March 2024

Date of Fertilizer application - 28 March 2024

Dates of Observations - 19 March 2024

26 March 2024

1 April 2024

7 April 2024

15 April 2024



# Observation Table -

## 1) Onset of seed germination -

Measure the no. of seeds germinated per plot and record the observations day wise in the table given below:

Day of observation	Control (Chemical Fertilizer)	Test (Kan Biosys Fertilizer)
After 15 days	After 15 days we observed the 5.2 cm long height of plant they are small than test.	After 15 days we observed the 6 cm height of plant. This plant are larger than Control.
After 30 days	After 30 days the plant growth seen large and more heighted.	After 30 days the growth of plant is greater than Control was observed.
Last observation	We observed the healthy plant but less than test. 30 cm heighted plant are observed. Small leaf and also small roots are observed.	We observed the larger leaf and heighted plant. These plant are greater than Control and more healthy than Control.

## Plant Vigor parameters

Randomly select 5 plants from Control and test plants. Uproot these plants on 15<sup>th</sup> day and record the below mentioned parameters and record the observation in table given below.

Plant No.	Plant height		Leaf Parameters		Root Parameters (length, etc)	
	Control	Test	Control	Test	Control	Test
1	30 cm	35.2 cm	2.2 cm	3.4 cm	5.4 cm	7.1 cm
2	28 cm	31 cm	2 cm	2.1 cm	4.2 cm	6.1 cm
3	25 cm	32 cm	1 cm	2.3 cm	4 cm	5 cm
4	29 cm	32.5 cm	1.2 cm	2 cm	3.2 cm	4.5 cm
5	27 cm	32.7 cm	1.5 cm	2.5 cm	4.2 cm	6 cm
Average	<u>27.8</u>	<u>32.68</u>	<u>1.58</u>	<u>2.46</u>	<u>4.2</u>	<u>5.74</u>
5						

## Observation Table -

1) Onset of seed germination -

Measure the no. of seeds germinated per plot and record the observations day wise in the table given below.

Day of observation	Control (Chemical Fertilizer)	Test (Kan Biosys Fertilizer)
After 15 days	After 15 days we observed the 5.2 cm long height of plant they are small than test.	After 15 days we observed the 6 cm height of plant. This plant are larger than Control.
After 30 days	After 30 days the plant growth seen large and more heighted.	After 30 days the growth of plant is greater than Control was observed.
Last observation	We observed the healthy plant but less than test. 30 cm heighted plant are observed. Small leaf and also small roots are observed.	We observed the larger leaf and heighted plant. These plant are greater than Control and more healthy than Control.

## Plant vigor parameters

Randomly select 5 plants from Control and Test plants. Uproot these plants on 15<sup>th</sup> day and record the below mentioned parameters and record the observation in table given below.

Plant No.	Plant height		Leaf Parameters		Root Parameters (length, etc)	
	Control	Test	Control	Test	Control	Test
	30 cm	35.2 cm	2.2 cm	3.4 cm	5.4 cm	7.1 cm
	28 cm	31 cm	2 cm	2.1 cm	4.2 cm	6.1 cm
	25 cm	32 cm	1 cm	2.3 cm	4 cm	5 cm
	29 cm	32.5 cm	1.2 cm	2 cm	3.2 cm	4.5 cm
	27 cm	32.7 cm	1.5 cm	2.5 cm	4.2 cm	6 cm
Mean	<u>27.8</u>	<u>32.68</u>	<u>1.58</u>	<u>2.46</u>	<u>4.2</u>	<u>5.74</u>

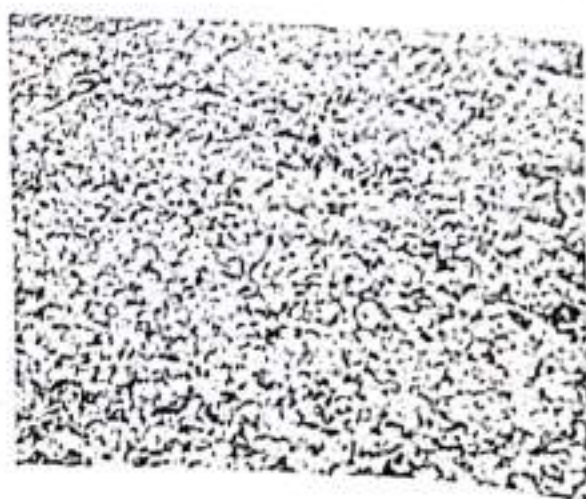
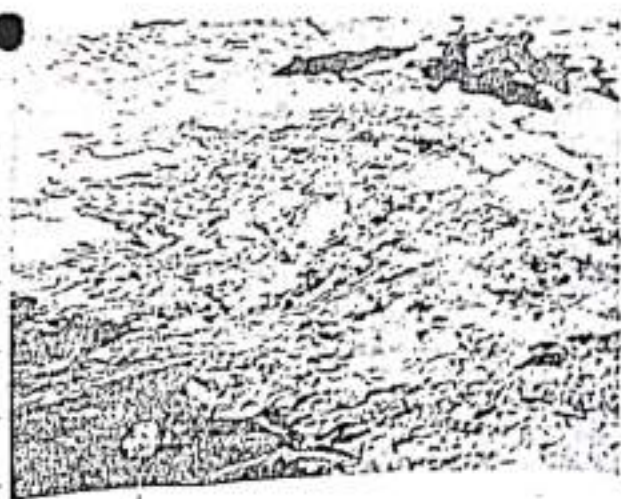
## Harvesting Parameters

Day of observation	Onset of Flowering		Onset of Fruiting		Yield	
	C	T	C	T	C	T
Day - 15	-	-	-	-	-	-
Day - After 15 days	15	36			2	4

Market Price of Crop	
Control	Test
20 ₹	40 ₹

Control

Test

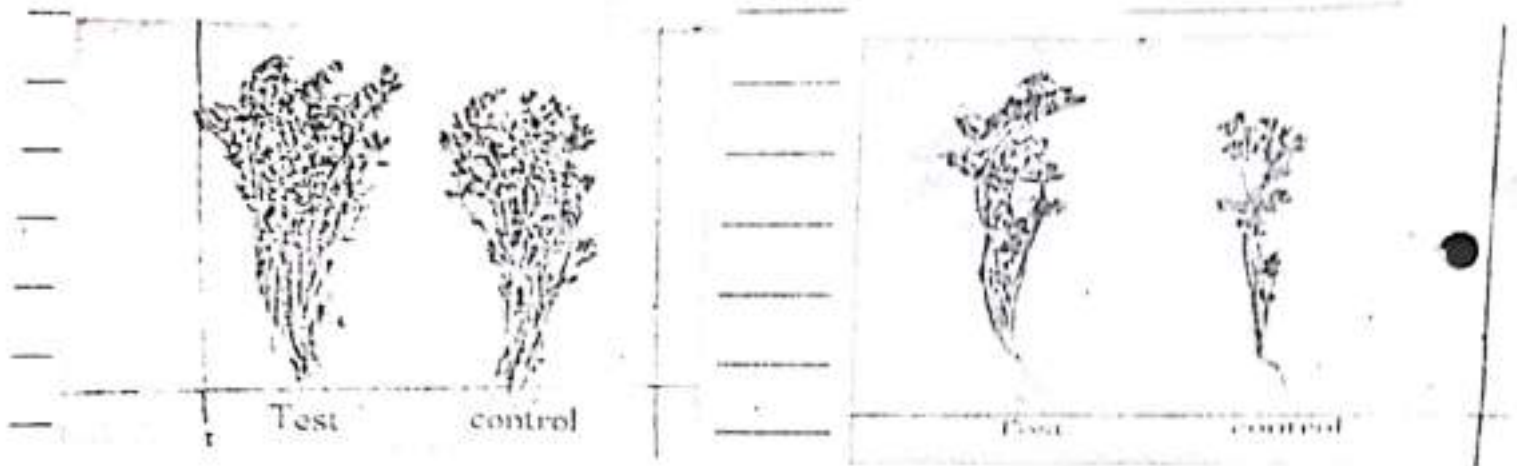


We observed control plant less heighted than Test plant.  
After 30 days observation

We observed Test plant is more heighted and healthy than Control.  
After 30 days observa.

## Conclusion -

We observed the Control and test plant. The growth of test plant is more beighted and healthy than Control plant.



The Kan biosys Fertilizer is the helpful for the growth of plant and provide nutrition to plant than other normal Fertilizer. These test Fertilizer is important for the increase the yield and healthy growth of the plant.

**PDEA'S**  
**Waghire College of Arts, Commerce and Science,**  
**Saswad, Tal.-Purandar, Dist.-Pune**



**Department of Microbiology**

**Activity Report for M.O.U. with Sana Rica Foods**  
**T. Y. B. Sc. (2022-23)**


The department of Microbiology had signed a M.O.U. with a food product industry, Sana Rica Foods, which is situated at Jejuri. This industry produces certain products which are used as coatings to certain fried food. The industry requires to carry out microbiological testing of their food samples, as well as water samples and to carry out such studies microbiologist are required. So Department of Microbiology from Waghire College, Saswad had approached Sana Rica Foods to sign a M.O.U. under which students of T.Y.B.Sc. class would be undertaking activities like performing microbiological testing of their food and water samples.

Under this M.O.U. various activities were conducted by T.Y.B.Sc. students which are as follows

- 1) Carried out microbiological testing of SRF food samples
- 2) Carried out microbiological testing of SRF water samples as per FSSAI norm. Typical samples reports of food and water analysis was shared by SRF
- 3) Analysis of SRF process water samples.
- 4) Chemical parameters testing of SRF food samples
- 5) Physical analysis of SRF food samples Analysis of SRF process water samples.
- 6) Chemical parameters testing of SRF food samples
- 7) Physical analysis of SRF food samples

As a company policy these reports were submitted to them in their required formats which was provided by the Sana Rica Foods company.

  
**Head**  
Department of Microbiology  
Waghire College, Saswad

  
31/07/2024  
**PRINCIPAL**  
Waghire College, Saswad  
Tal. Purandar, Dist. Pune.

**वाघिरे कला वाणिज्य व विज्ञान महाविद्यालय ,सासवड  
पर्यटन विभाग ( Tourism And Hospitality Management )**

**व्याख्यान**

वाघिरे कला वाणिज्य व विज्ञान महाविद्यालय, पर्यटन विभागात दि.१०/२/२०२३ रोजी 'पर्यटनातील संधी' या विषयावर व्याख्यान आयोजित करण्यात आलेले होते. सदर व्याख्यानास EBS Hollidays या प्रसिद्ध पर्यटन कंपनीमधील शाखा प्रमुख श्री. अभिषेक कंचर हे उपस्थित होते. या व्याख्यानात त्यांनी पर्यटनाचे प्रकार, पर्यटनातील भविष्यातील संधी तसेच पासपोर्ट विषयी थोडक्यात माहिती या विषयावर मार्गदर्शन केले.

या कार्यक्रमासाठी EBS Hollidays या प्रसिद्ध पर्यटन कंपनीमधील शाखा प्रमुख श्री. अभिषेक कंचर उपस्थित होते या कार्यक्रमासाठी डॉ.सुभाष वाव्हळ उपस्थित होते सरांच्या मार्गदर्शनाखाली या सुंदर कार्यक्रमाचे आयोजन करण्यात आले होते विभागप्रमुख हरीश भूतकर यांनी या कार्यक्रमाचे प्रास्ताविक केले तसेच प्रा प्रदीप काळे यांनी सर्व पाहुण्यांचे स्वागत केले व प्रा संग्राम निगडे यांनी कार्यक्रमाचे आभार मानले.



# Waghire Arts Commerce and Science College, Saswad

## Department of Tourism (Tourism And Hospitality Management)

### Lecture

A lecture on 'Opportunities in Tourism' was organized on 10/2/2023 at Waghire College of Arts, Commerce and Science, Department of Tourism. The said lecture was given by the branch head of EBS Hollidays, a famous tourism company. Abhishek Kanchar was present. In these lectures, he gave guidance on the types of tourism, future opportunities in tourism and brief information about passports.

For this event, the branch head of EBS Hollidays, a famous tourism company, Shri. Abhishek Kanchar was present for this program Dr. Subhash Wavhal was present this beautiful program was organized under the guidance of sir Harish Bhutkar the head of the department introduced the program and Prof. Pradeep Kale welcomed all the guests and Prof. Sangram Nigade thanked the program.

**Department of Tourism (Tourism And Hospitality Management)**



r.No	Name of the student	class	Sign
01	Unmesh Kalyan Taware	T.Y. B.VOC.	<u>Taware</u>
02	Hole oMKAR SUBHASH	S.Y B. Voc	oStHole
03	Yadav Pratiksha shivaji	T.Y. B.VOC	<del>Yadav</del>
04	Pawar Payal Ashok	T.Y. B.VOC	<u>Pawar</u>
51	Kamthe Nikhil Laxman	S.Y b.VOC	N.L. kamthe
	Pildne Akshay Dattatray	S.Y. b.VOC	<u>Pildne</u>
7]	Botkar Vishal Bhaskar.	S.Y. B.VOC	<u>V.B. Botkar</u>
8]	Kondake Hemant Balu	F.Y - B.VOC	<u>Kondake</u>
9]	Prajwal Prakash khatale	F.Y. B.VOC	<u>Prajwal</u>
0]	Khavan Rushikesh Pivaji	S.Y. B.VOC.	<u>Khavan</u>
1]	Kadbane Jayshree Prabhakar	S.Y. B.VOC.	<u>Kadbane</u>
2]	Sav Roshni shankar	S.Y B.VOC	<u>Sav</u>
3]	Badade Akanksha Ashok	S.Y B.VOC	<u>ABadade</u>
4]	Samyik Vaibhal Sanjay	T.Y. B.VOC	<u>Samyik</u>
5]	Kate chaitanya Mohan	S.Y. B.VOC	<u>Kate</u>
6]	Jagtap Rushikesh Ravendra	S.Y. B.VOC	<u>Jagtap</u>
7]	Jagtap chaitanya Hemraj	S.Y. B.VOC	<u>Jagtap</u>
8]	Rumbharkar abhijit Pabhakar	S.Y. B.VOC	<u>Rumbharkar</u>
9]	seema B. Bhosale	S.Y. B.VOC	<u>seema</u>
10]	Jagtap Siddhi Sunil	F.Y. B.VOC	<u>Jagtap</u>
11]	Bhusankar vrutika Bai Bhagawat	F.Y. B.VOC	<u>Bhusankar</u>
12]	Jagtap Vaishnavi Madhusudar	F.Y. B.VOC	<u>Jagtap</u>
13]	Gham sanjay & Prakash	F.Y. B.VOC	<u>Gham</u>
14]	Lole Nivedita Aabasaheb	T.Y B.VOC	<u>Lole</u>

# वाघिरे कला वाणिज्य व विज्ञान महाविद्यालय ,सासवड पर्यटन विभाग ( Tourism And Hospitality Management )

## पासपोर्ट कॅम्प

वाघिरे कला वाणिज्य व विज्ञान महाविद्यालय ,सासवड येथे दिनांक ३१/०१/२०२३ रोजी E.B.S. Hollidays व Tourism and hospitality management यांच्या संयुक्त विद्यामानांने पासपोर्ट कॅम्प चे आयोजन करण्यात आलेले आहे या कॅम्प मध्ये प्राध्यापक, कर्मचारी व विद्यार्थ्यांसाठी अत्यंत अल्प दरात पासपोर्ट काढण्याची सुविधा महाविद्यालयात उपलब्ध करून देण्यात आलेली आहे. सदर उपक्रमास महाविद्यालयाचे प्राचार्य डॉ पंडित शेळके सर यांनी भेट दिली. यावेळी डॉ. सुभाष वाव्हळ सर, प्रा. हरीश भुतकर प्रा. संग्राम निगडे प्रा. काळे सर व विद्यार्थी उपस्थित होते.





**P.D.E.A's**  
**WAGHIRE COLLEGE OF ARTS, COMMERCE AND SCIENCE, SASWAD**  
**TAL: PURANDAR DIST: PUNE**  
**DEPARTMENT OF CHEMISTRY**

organised  
**Guest Lecture**

on  
"Training on good laboratory practices for Teaching and non-teaching faculty members of  
Science Department"

**REPORT**

Date : 20 July 2023  
Guest Speaker : Mr. Gaikwad Dattatray, Director, Chemsar Research and Training Centre, Wadki, Pune.  
Audience : Teaching and Non-teaching faculty staff members of Science Dept.

**Introduction:**

A guest lecture on "Training on good laboratory practices for Teaching and non-teaching faculty members of Science Department" was organized on the 20<sup>th</sup> of July 2023. The distinguished speaker for the event was Prof. Gaikwad Dattatray, CEO, Chemsar Research and Training center, Wadki, Pune whose expertise in the field promised an enlightening session for the staff. The training aimed how to handle solution and care for this, exploring concepts such as use of fire extinguisher, hazardous chemicals, acids etc.

**Attendance:**

All Teaching and Non-teaching faculty members of Science Department.

**Session Highlights:**

**1) How to use fire extinguisher**

Mr. Gaikwad Dattatray commenced the training by providing a comprehensive overview of the basics and use of extinguisher and its types.

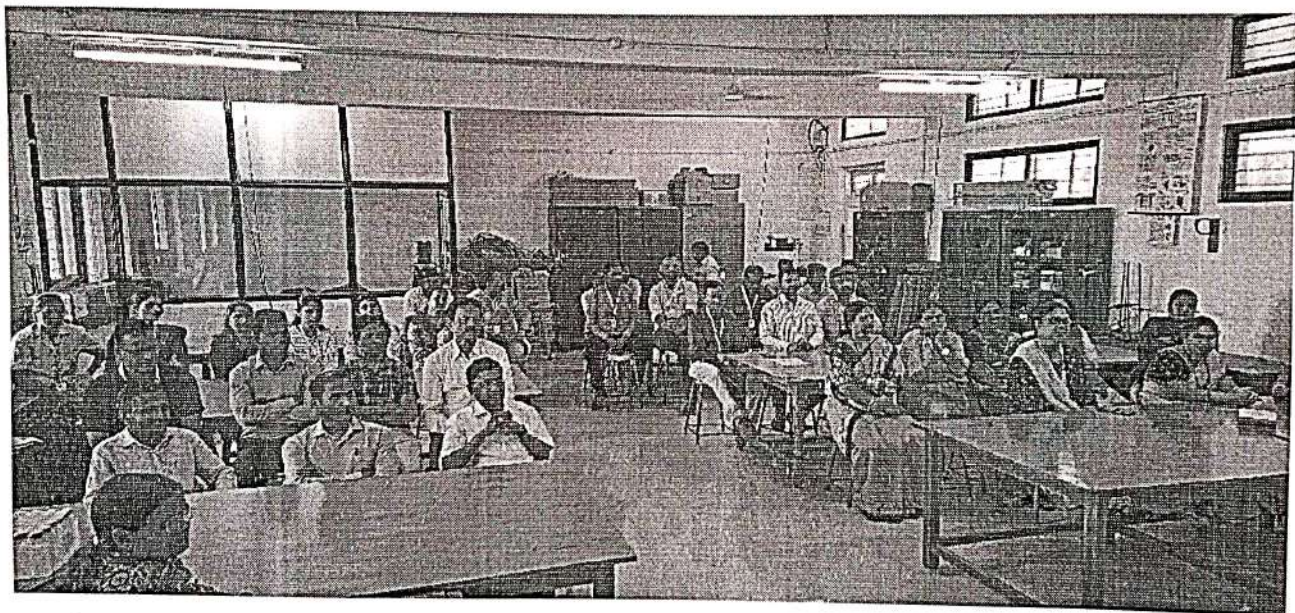
**2) Handle chemical**

The concept of hazardous and poisonous chemical, was thoroughly explained by Mr. Gaikwad Dattatray employed clear and concise language.


### Conclusion:

The guest lecture on 'Training on good laboratory practices for Teaching and Non-teaching faculty members of Science Department' by Mr. Gaikwad Dattatray proved to be an enriching and informative experience for the staff of Science. The session successfully bridged the gap between theoretical concepts and practical applications through the use of models and interactive discussions. The all staff members left the lecture hall with a clearer understanding of good laboratory practices in Chemistry and its significance in the field of chemistry.


The organizers express their gratitude to Mr. Gaikwad Dattatray for sharing his expertise, and they look forward to more such collaborative initiatives to enhance the learning experience of the staff.



  
Activity Coordinator

  
HOD  
HEAD  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

  
Science Coordinator

  
Principal  
**PRINCIPAL**  
Waghire College, Saswad  
Tal. Purandar, Dist. Pune.

### TRAINING ATTENDANCE SHEET

Program Name	Training on Good Laboratory Practices for Teaching and Non Teaching faculty members of Science Department.
Trainer Name	Mr. Dattatray Gaikwad, CEO, Chemsar Research And Training Centre, Wadki, Pune
Location	Pune District Education Associations Waghire College of Arts, Commerce and Science, Saswad, Tal. Purandar. Dist. Pune
Day and Date	<del>Thursday</del> , 20 <sup>th</sup> July 2023

No.	Name	Position	Department	Signature
1	G.M. Alivale	Asst. Prof.	Chemistry	
2	S.B. Rathod	Assistant prof.	chemistry	
3	N.R. Kamble	Professor & Hon	chemistry	
4	B.L. Shinde	Professor	Chemistry	
5	S.B. Solanki	Asst. professor	Chemistry	
6	Durgade Karita M.	Lecturer	Chemistry	
7	Bhosale Anil B.	Lab Assit	Chemistry	
8	Kadern Sathish Anantao	Lab. Assit	Exam.	
9	Rohini S. Nevse	Lab. Attend	chem	
10	Narnath M. Ursal	Lab. Attend.	PHYSICS	
11	Mohan L. Bhosale	Lab-Attend.	Chem	
12	Sawant. Dadasaheb S	Lab-Attend	Exam	
13	Shrikant Surjeraso Jagtap	Lab. Attend	Zoology	
14	Maske Kalpana H.	Lab - Attend	Micro	
15	Raskar Surekha C.	Lab - Attend	Micro	
16	Ganesh Bhosale	Lab - II -	Chemistry	
17	Santosh Pawan	Lab - II -	Bontology	
18	Sondakar C.S	Lab - II -	Chemistry	
19	Salunji Shobha B.	Lecturer	Chemistry	
20	R.M. Musale	Lecturer	Chemistry	
21	S.B. Bhuyka	Lecturer	Physics	
22	Zurange G.D.	Lecturer	mathematics	
23	Kumbhar Kar S.S.	Lecturer	phy. B	
24	Dr. N. B. Patil	Asso Prof	Microbio	
25	Joshi M.M.	Lecturer.	microbiology	
26	Pathan Shahin Ayub	Lecturer	Microbiology	
27	H.V. Sanawane	Asso. Prof.	Microbiology	
28	K.M. Gaikwad	Asst. Prof.	Microbiology	
29	Dr. B.S. Madhnikar	Asst. Prof.	Zoology	
30	Dr. Vishulcha N. Ganvir	Asso. Prof.	Microbiology	

Trainer

Head

Science Coordinator

Principal

(Dr. N.R. Kamble)  
**HEAD**  
Dept. of Chemistry  
Waghire College, Saswad,  
Tal. Purandar, Dist. Pune.

Waghire College, Saswad  
Tal. Purandar, Dist. Pune.