



Pune District Education Association's
Waghire College of Arts, Commerce and Science, Saswad
DEPARTMENT OF CHEMISTRY
Organizes
WORKSHOPS ON
'Hand's on training workshop on Nanoparticle Synthesis'
Under
DBT STAR COLLEGE SCHEME



Hand's on Training Workshop Report on "Nanoparticle Synthesis"

By

Under

DBT Star College Scheme

Date: MONDAY 13/02/2023 at 11:00 am to 2:30 pm

RESOURCE PERSON: Dr. Ashok Bankar, Assistant Professor, Department of Microbiology, MES Abasaheb Garware College, Pune, Maharashtra, India.

It is with great pride and pleasure that, our college has received strengthening grant under DBT STAR Scheme. The interdisciplinary hand's on training workshop on nanoparticle synthesis was organized by department of chemistry, Microbiology and Botany under DBT STAR scheme of the college during the academic year 2022-2023 on 13/02/2023 at 11:00 am to 2:30 pm on very important topic "**Nanoparticle Synthesis**"

For this workshop we have invited a resource person Dr. Ashok Bankar Assistant Professor, Department of Microbiology, MES Abasaheb Garware College, Pune, Maharashtra, India. The workshop on nanoparticle synthesis is conducted in two sessions, Session-I (11:00 am to 12:30 pm) includes the theoretical explanation of methods of nanoparticle synthesis, characterization techniques and different applications of nanoparticles in various fields. Session-II (1:00 pm to 2:30 pm) provides actual hands on training on gold and silver nanoparticle synthesis. The students of chemistry, microbiology and botany departments actively involved and experienced how the colour changes during the formation of nanoparticle. The students prepared the gold nanoparticle using extract of *Phyllanthus emblica* and pomegranate. The students have learned the synthesis of nanoparticles and enjoyed both the sessions on nanoparticle synthesis.

For this workshop near about 94 students are present. At last students frankly asked some questions and resource persons cleared their queries with satisfactory answers. The guest introduction and vote of thanks was delivered by Dr. S B Rathod.





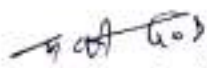
Dr.Sandip Rathod
Department DBT Co-ordinator

Dr. Vidya Patankar
DBT Co-ordinator

Dr. M. M. Jagtap
HOD

Dr. Pandit Shelke
Principal




 Dr. Sandip Rathod
 Department DBT Co-ordinator


 Dr. Vidya Patankar
 DBT Co-ordinator


 Dr. M. M. Jagtap
 HOD


 Dr. Pandit Shelke
PRINCIPAL
 Waghire College, Saswad
 Tal. Purandar, Dist. Pune.

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STUDENTS ATTENDANCE

Date: 13/02/2022

Sr.No.	Name of Students	Class	Subject	Signature
1)	Nale Shreya Anun.	T.Y.B.Sc.	organic chemistry	
2)	Madane Rupali Baputao	T.Y.B.Sc.	organic chemistry	
3)	Yadav Priti Ravindra	T.Y.B.Sc.	organic chem	
4)	Gaikwad Pailyanka Mulidhae	T.Y.B.Sc.	Botany	
5)	Salunke Mohini Uttam	T.Y.B.Sc.	Botany	
6)	Khedekar Harshada Bapu	T.Y.B.Sc.	Botany	
7)	Khomane Rutuja Rishikesh	T.Y.B.Sc.	Botany	
8)	Kakade Rutuja Bajorang	T.Y.B.Sc.	chemistry	
9)	Kapare Pradnya Dattatray	T.Y.B.Sc.	chemistry	
10)	Navale Pranjali Shrirang	T.Y.B.Sc.	chemistry	
11)	Dudhane shubhada Gajanan	T.Y.B.Sc.	Org.chemistry	
12)	Borawake Priyanka Samarath	T.Y.B.Sc.	org.chemistry	
13)	Phule Ankita Vitthal	T.Y.B.Sc.	org.chemistry	
14)	chikane Aditi Jalindae	T.Y.B.Sc.	org.chemistry	
15)	chikane snehal Mohan	T.Y.B.Sc.	org.chemistry	

16]	Chavaze Megha Sanjay	T.Y.B.Sc.	Org. chem.	<u>Megha</u>
17]	Kunjik Rutuja Ramdas	T.Y.B.Sc.	Org. chem.	<u>Rutuja</u>
18]	Bhujbal Chaitali Pandurang	T.Y.B.Sc.	Org. chem.	<u>Bhujbal</u>
19]	Gradhave Sanika Tanaji	T.Y.B.Sc.	Anal. chem.	<u>Sanika</u>
20]	Charte Kamind Shrinam	T.Y.B.Sc.	Anal. chem.	<u>Charte</u>
21]	Takvale Shreya Dadasa	T.Y.B.Sc.	Ana. chem.	<u>Takvale</u>
22]	Chavan Shubhada Dilip	T.Y.B.Sc.	Org. Chem.	<u>Chavan</u>
23]	Bambale Komal Vilas	T.Y.B.Sc.	Org. chem.	<u>Bambale</u>
24]	Prajakta Kulkarni	T.Y.B.Sc.	Botany	<u>Pr</u>
25]	Supriya Memane	T.Y.B.Sc.	Botany	<u>Supriya</u>
26]	Nale Supriya Subhash	T.Y.B.Sc.	Chemistry	<u>Nale</u>
27]	Katke Sanika Devidas	T.Y.B.Sc.	chemistry	<u>Katke</u>
28]	Tejal Bhanudas Shendkar	T.Y.B.Sc.	chemistry	<u>Tejal</u>
29]	Kapare Priti Kailas	T.Y.B.Sc.	chemistry	<u>Kapare</u>
30]	Mane Nikita Bhagwan	T.Y.B.Sc.	Chemistry	<u>Nikita</u>
31]	Gaikwad Rutuja Subhash	T.Y.B.Sc.	Chemistry	<u>Rutuja</u>
32]	Bankar Komal Prakash	T.Y.B.Sc.	Chemistry	<u>Bankar</u>
33]	Jagtap Aishwarya Kailas	T.Y.B.Sc.	Org. chemistry	<u>Jagtap</u>
34]	Bhosale Rupali Ravindra	T.Y.B.Sc.	Ana. chem.	<u>Rupali</u>
35]	Kamthe Vaibhavi Anil	T.Y.B.Sc.	org. chem.	<u>Kamthe</u>
36]	Shinde Ashwini Ramdas	T.Y.B.Sc.	chemistry	<u>Shinde</u>
37]	Shinde Jyoti Tanaji	T.Y.B.Sc.	chemistry	<u>Shinde</u>
38]	Jagtap Neha Shantaram	T.Y.B.Sc.	chemistry	<u>Neha</u>

39]	Thikole Trupti Anna	T.Y.B.Sc.	chemistry	Thikole
40]	Rajeevi Swapnilji Kherdole	T.Y.B.Sc.	org. chem.	Swapnilji
41]	Kharat Preeti Prakash	T.Y.B.Sc.	Botany	Preet
42]	Balgude Supriya Rajendra	T.Y.B.Sc.	Botany	Balgude
43]	Maner Hina Rajmahamad.	T.Y.B.Sc.	chemistry	HR Maner
44]	Shendkar Pradnya Vishwas	T.Y.B.Sc.	chemistry	Shendkar
45.	kumbharkar Akanksha Dattatray	T.Y.B.Sc.	chemistry	Kumbharkar
46]	Pangare Pradnya Rajesh	T.Y.B.Sc.	chemistry	Pangare
47]	Jagtap Prajakta Rahul	T.Y.B.Sc.	chemistry	Jagtap
48]	Pise Anushka santosh	T.Y.B.Sc.	chemistry	Pise
49	Jagdale Mrunal D.	T.Y.B.Sc.	micro	Jagdale
50	Bhapkar Tanvi S.	T.Y.B.Sc.	Micro	Bhapkar
51	Ranavase Yogita Anan	T.Y.B.Sc.	org. chemistry	Ranavase
52	Yodav Rutuja Vikas	T.Y.B.Sc.	Org. Chemistry	Yodav
53.	Bagwan Aliya Riyaj	M.Sc-II	Analytical chemistry	Bagwan
54	Mhaske Kajal Hanumanl.	M.Sc II	M.Sc Analytical	Mhaske
55	Chamwood Bhagyashri Jay	M.Sc II	Analytical	Chamwood
56	Waykar Pooja Ashok	M.Sc II	Analytical	Waykar
57	Gale Preetik sanjay	T.Y.B.Sc.	chemistry	Gale
58	Kolte Vivek Shivaji	T.Y.B.Sc.	chemistry	Kolte
59	Rajkar Gaurav Sanjay	T.Y.B.Sc.		Rajkar
60	Waghole Shubham	T.Y.B.Sc.	chemistry	Waghole
61	Katake Rohit Dnyanoba	T.Y.B.Sc.	chemistry	Katake
62	Devkar Ranav Mahadev	T.Y.B.Sc.	chemistry	Devkar
63	Jadhav Mayur Mahesh	T.Y.B.Sc.	chemistry	Jadhav
64	Abnave Omkar Kishor	T.Y.B.Sc.	chemistry	Abnave

65	Hambir Dhiraj Dhanraj	T.Y.B.Sc.	chemistry	Dhanraj
66	Chaudhari Santosh Anilush	T.Y.B.Sc.	chemistry	SC
67	Kumbhar vikram Sanjay	T.Y.B.Sc.	chemistry	SC
68	Katane Aniket Suresh	T.Y.B.Sc.	chemistry	SC
69	Gaikwad Anshay Bajirao	T.Y.B.Sc.	chemistry	SC
70	Shinde Swapnil Dattatray	T.Y.B.Sc.	chemistry	SC
71	Munde Rohit Mahantappa	T.Y.B.Sc.	chemistry	Mgt. Sci.
72	Umad Shankar S.	T.Y.B.Sc.	org. Chem.	SC
73	Band Aniket Salish	T.Y.B.Sc.	chemistry	SC
74	Abhandekar Abhijit	T.Y.B.Sc.	chemistry	AB
75	Lete Sarvesh Manik	T.Y.B.Sc.	chemistry	SC
76	Kadam Rushikesh Santosh	T.Y.B.Sc.	chemistry	SC
77	Chavan Laxmi Sadachiv	T.Y.B.Sc.	microbiology	SC
78	Gaude Shivam Vyanktesh	T.Y.B.Sc.	chemistry	SC
79	Borkade Rutvik Subhash	T.Y.B.Sc.	microbiology	SC
80	Salunke Sachin Ganesh	T.Y.B.Sc.	chemistry	SC
81	Borkade Prasad	T.Y.B.Sc.	micro	SC
82	Rutik Chaudhari	T.Y.B.Sc.	micro	R.C
83	Jagtap Suraj	T.Y.B.Sc.	Chemistry	SRF
84	Tekawade Prasad	T.Y.B.Sc.	chemistry	PR
85	Shirke Mahesh	T.Y.B.Sc.	chemistry	SC
86	Jagtap Vinayak Bhanudas	T.Y.B.Sc.	Chemistry	SC
87	Dudhwal Saurabh Sunil	T.Y.B.Sc.	chemists	SC

- 88 Jagtap Vishal Sandip T.Y.B.Sc. Chemistry, SC
- 89 Pawar Aniket Dilip T.Y.B.Sc. SC
- 90 Shivanekar Tushar T.Y.B.Sc. SC
- 91 Shete Manoj Krishnakant T.Y.B.Sc. SC
- 92 Shelar Sachin Ravindra T.Y.B.Sc. SC

Kumbharkar Mohini Sanjay

T.Y.B.Sc. chemistry

~~Ranwade~~

Tanwade Siddhi Dattatray

T.Y.B.Sc. chemistry

Ranwade

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DEPARTMENT OF CHEMISTRY

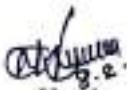
DBT STAR COLLEGE SCHEME

NOTICE FOR STUDENTS

Date: 08/02/2022

All the students of department of Chemistry, Microbiology and Botany are hereby informed that, Department of Chemistry is going to organize 'Hand's on training workshop on Nanoparticle Synthesis and Their Applications' on 13th February 2023 under DBT STAR COLLEGE SCHEME. The programme is conducted in two sessions as per the following schedule. Attendance is compulsory for all Students. All are requested be remain present on mentioned time.

Sessions	Time	Topic	Venue
I	11:00 am to 12:30 pm	Guest Lecture: Theoretical discussion on synthesis methods of nanoparticle, Characterizations techniques, and Different applications of nanoparticles	Hall No G-17
Break			
II	1:00 pm to 2:00 pm	Hand's Training on nanoparticle synthesis of Gold and Silver nanoparticle	Department of Chemistry


9.2.23
Head
for Department of
Chemistry


DBT College
Cordinator


DBT Department
Coordinator


13--8/2/2023
PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.



Pune District Education Association's
WAGHIRE COLLEGE OF ARTS, COMMERCE AND SCIENCE, SASWAD
Tal- Purandar Dist- Pune,



University of Pune

DEPARTMENT OF CHEMISTRY

Organises Hands Training Workshop on
"NANOPARTICLES SYNTHESIS"

(26 July 2023)

CERTIFICATE OF PARTICIPATION

This is to certify that Balgude Supriya Rajendra of
T. P. B. S. C. has attended Hands on Training workshop on
"Nanoparticles Synthesis" organized by Department of Chemistry on 13/07/2022. We appreciate and thank
his/her active participation.

[Signature]
Co-ordinator

[Signature]
Principal