



Sanjivani Rural Education Society's
SANJIVANI ARTS, COMMERCE AND SCIENCE COLLEGE
At: Sahajanandnagar, Post: Shingnapur, Tal: Kopergaon,
Dist: Ahmednagar (M.S.) Pin:423603

Recognized by Govt. of Maharashtra, Affiliated to University of Pune, ID.No. PU/AN/ACS/130/2012

Activity Report
On
"Online Workshop on Bioinformatics"

on
8th and 9th April 2022

**Organized by Department of Life Science (Microbiology, Botany and Zoology), Sanjivani Arts,
Commerce and Science College, Kopergaon**
Sponsored by Lady Tata Memorial Trust, Mumbai.

About the Workshop

The motive behind organizing such a workshop is to provide a platform for teachers to understand the latest trends in bioinformatics and the basic tools used in this arena. Bioinformatics is an integral part of the biology syllabi and yet the techniques used in this area are rarely performed or demonstrated to students. The only exposure they get to its applications and research in this field is during their visits to research institutes or through seminars. Many of the teachers, who are teaching Bioinformatics also lack the technical know-how of the subject, unless they have delved into research in the field.

Therefore, organizing such a workshop for the teachers would help them gain knowledge about the techniques in the subject. This would broaden their understanding of the field and would thus equip them with more knowledge and information as they teach Bioinformatics to the students. They would be able to go beyond the syllabus and discuss the latest research in class. This would help the students become updated about this vast and ever-growing field.

Objective of this workshop:

The main objective of the workshop was to provide recent advances in bioinformatics for life science teachers.

Outcome of the event:

Teachers from life science field gain the knowledge about different techniques and inventions in bioinformatics. They also came to know that how to different gene bank data sequences databases and drug design in bioinformatics.

Attached:

- Flyer of the Event
- Photos
- List of Participants (Separate sheet attached)

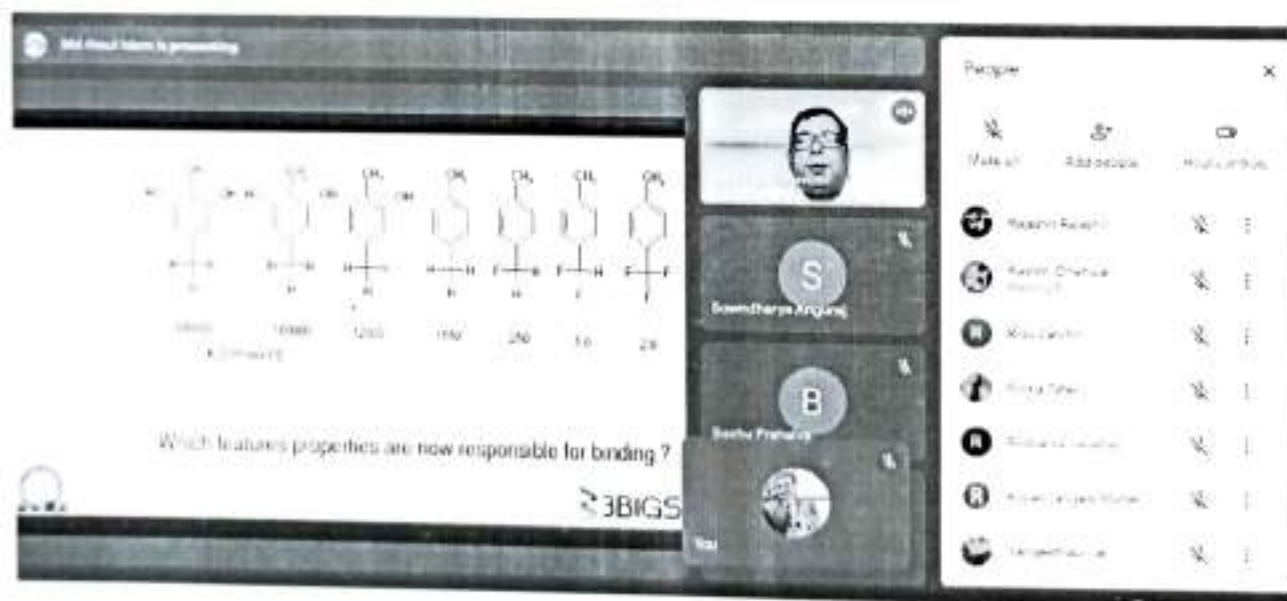


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Day 2 09/04/2022. Lecture By Dr. Md. Atul Islam sir.



Day 2 09/04/2022. Lecture By Dr. Md. Atul Islam sir, about practical session on 2D hands on Protein.



At : Sahajanandnagar, Post : Shingnapur, Tal. Kopargaon,

Dist. Ahmednagar (M.S.) Pin : 423 603

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Affiliated to S.P. Pune University
ID No. PU/AN/ACS/130/2012

Ref. : SRES / SACS / 2021-22/867

Date : 10/2/2022

To,
Program Officer,
Lady Tata Memorial Trust,
Bombay House, 24 Homi Mody Street,
Mumbai-400001.

Subject: Proposal for Lady Tata Trust Online Teachers Training Lecture Workshop on Bioinformatics

Respected Sir / Madam

With reference to above mentioned subject we, Sanjivani Arts, Commerce and Science College Kopargaon Dist. Ahmednagar applied for "Lady Tata Trust Online Teachers Training Lecture Workshop on Bioinformatics". We are sending you the detailed proposal of the workshop program, planning/schedule for your kind perusal and further approval.

Kindly accept and acknowledge the same.

Program Coordinator

- ① Dr. Balaji P. Uchitkar
- ② Ms. Rachana D. Nogarkar



Yours truly


Dr. S.B. Dahikar


PRINCIPAL

Sanjivani Arts, Commerce &
Science College, Kopargaon



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2021-2022
Planning of Project-based learning
Department of Physics

Sr. No	Name of Subject	Class	Title	Month	Venue	Incharge	Remark
1	Physics	T.Y. BSc	Gesture hand control robot using Arduino UNO	December	Dep. of Physics	Mr. Bhad P.A.	
2	Physics	T.Y. BSc	Temperature and Humidity display by using Arduino UNO	December	Dep. of Physics	Mr. Bhad P.A.	

2021-2022
Execution of Project-based learning
Department of Physics

Sr. No	Name of subject	Class	Title	Month	Venue	Incharge	No of students	Remark
	Physics	T.Y. BSc	Gesture hand control robot using Arduino UNO	March	Dep. of Physics	Mr. Bhad P.A.	8	Completed
	Physics	T.Y. BSc	Temperature and Humidity display by using Arduino UNO	March	Dep. of Physics	Mr. Bhad P.A.	2	Completed


Head
Department of Physics
Sanjivani Arts, Commerce &
Science College, Kopargaon




Principal
Sanjivani Arts, Commerce &
Science College, Kopargaon



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2021-2022

Execution of Project-based learning
Department of Commerce

Sr. No	Name of subject	Class	Title	Month	Venue	Incharge	No of students	Remark
1.	Commerce	T.Y. B.Com	Kurkure Making	February	Dept. of commerce	Mr. Ganesh Phopse	02	Completed
2.	Commerce	T.Y. B.Com	Office File Manufacturing	February	Dept. of commerce	Mr. V. D. Somase	02	Completed
3.	Commerce	F.Y. B.Com & S.Y. B.Com	Poha Marketing	February	Dept. of commerce	Mrs. Manisha R. Nikam	02	Completed
4.	Commerce	F.Y. B.Com	Demat Account opening procedure	February	Dept. of commerce	Ms. M. P. Shelar	02	Completed
5.	Commerce	S.Y. B.Com	Cocoa powder coolies	February	Dept. of commerce	Mr. Vishal Nimbolkar	02	Completed


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Head
Department of Commerce
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2021-22
 Execution of project-based learning
 Microbiology

Sr. No	Name of subject	Class	Title	Month	Venue	Incharge	No of students	Remark
1	Microbiology	MSc I	Development of Herbal base Nano formulation using Moringa	February	Department of Microbiology	Dr. S. A. Bhutada	2	Completed
2	Microbiology	MSc I	Development of Herbal base Nano formulation using jambul	February	Department of Microbiology	Dr. S. A. Bhutada	2	Completed
3	Microbiology	MSc I	Development of Herbal base Nano formulation using Noni	February	Department of Microbiology	Ms. Nagarkar R D.	2	Completed
4	Microbiology	MSc I	Keratinase- A Source for an Organic Fertilizer Production and its Application	February	Department of Microbiology	Ms. Nagarkar R D.	2	Completed
5	Microbiology	T.Y.B Sc	Food handlers- a main source for food borne disease	February	Department of Microbiology	Ms. Pawar Jayashri	2	Completed
6	Microbiology	T.Y. BSc	Development of Herbal base Nano formulation using Catharanthus	February	Department of Microbiology	Ms. Pawar Jayashri	2	Completed
7	Microbiology	T.Y. BSc	Development of Herbal base Nano formulation using Mushroom levostatin	February	Department of Microbiology	Ms. Leena Mantala	2	Completed
8	Microbiology	T.Y. BSc	Development of Herbal base Nano formulation using Ganoderma	February	Department of Microbiology	Ms. Leena Mantala	2	Completed

Bhutada
 Head

Department of Microbiology
 Sanjivani Arts, Commerce &
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2021-2022

Execution of Project-based learning

Department of Zoology

Sr. No	Name of subject	Class	Title	Month	Venue	Incharge	No of students	Remark
1.	Zoology	S.Y. B.Sc.	Preparation of Bel candy	March	Dept. of Zoology	Dr. M. B. Shinde	03	Completed
2.		T.Y. B.Sc.	Preparation of Multi-seed mukhwas	March		Dr. M. B. Shinde	04	Completed
3.		S.Y. B.Sc.	Preparation of Herbal sanitizer	March		Mr. S. T. Hon	03	Completed
4.		S.Y. B.Sc.	Preparation of homemade mosquito repellent by neem	March		Dr. Channe Y.R.	02	Completed
5.		S.Y. B.Sc.	Preparation of Lemon paste for cleaning utensils	March		Dr. Channe Y.R.	04	Completed


Head
 Department of Zoology
 Sanjivani Arts, Commerce &
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