



ONLINE LECTURE SERIES ON 'EPIGENETIC REGULATION AND TRANSFER OF STRESS-INDUCED MEMORY IN PLANTS'

An online talk was organized by Botany Department as a part of lecture series on 07.05.2022 on online mode. The resource person was Dr. Jasmine M Shah, Assistant Professor, Department of Plant Science, School of Biological Sciences, Central University of Kerala. Contd on pg. 2

WORKSHOP ON PLANT GENETIC ENGINEERING

Department of Botany organized a workshop on 20th May, 2022 on the topic Restriction digestion of DNA and small scale preparation of plasmid from E.coli. Mrs. Sushama Salgaonkar coordinated the workshop which was open to all. Mrs Snehal Chandekar was the resource person for the workshop.



VISIT OF 'SHARDABAI PAWAR MAHILA ARTS, COMMERCE AND SCIENCE COLLEGE, BARAMATI, PUNE TO BOTANY DEPARTMENT.

The students of Agricultural Development Trust's Shardabai Pawar Mahila Arts, Commerce and Science College, Baramati, Pune along with their teachers visited our college campus and the Botany department as a part of their study tour. The group reached our campus on 20th April 2022 morning. The faculty had a brief meeting regarding the visit and future collaborations with the Officiating Principal and the teachers of the Botany department of PCCAS. Contd on pg. 2

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EXPERIENTIAL VISITS OF S.Y.B.Sc. AND T.Y.B.SC. STUDENTS TO CCARI-ICAR, OLD GOA AND TANSHIKAR FARM, NETRAVALI



STUDENTS AT TANSHIKAR FARM,

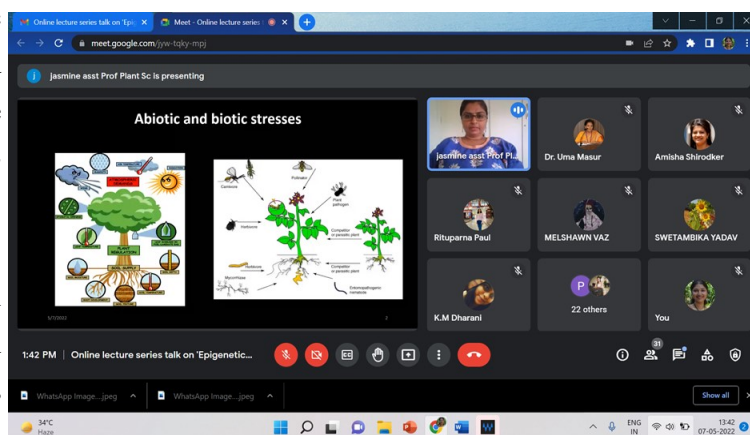


STUDENTS AT CCARI-ICAR, OLD

Online lecture series on

'Epigenetic regulation and transfer of stress-induced memory in plants'

...contd from pg 1... The talk on 'Epigenetic regulation and transfer of stress-induced memory in plants' was to make students aware about the different genetic regulations and mutations in plants. The talk was delivered by Dr. Jasmine Shah in online mode. Dr. Jasmine spoke about several biotic and abiotic stress and how the plant memory acts on it. She also talked about epigenetic and evolution of Darwin's finches and stress-induced epigenetic changes in humans. Dr. Sankrita was the event co-ordinator for this event.



Visit of 'Shardabai Pawar Mahila Arts, Commerce and Science College, Baramati, Pune to Botany department.

...contd from pg 1... Dr. Sankrita Gaonkar then helped them understand the campus and explore biodiversity of the campus. Also, the students visited the botanical garden and observed different field experimental setups therein. Later, they visited Botany department laboratories and the Central Research Laboratory (CRL). They learnt about the department and the various research projects running in the department from Mrs. Amisha Shirodker Pednekar. The group also interacted with the other department faculty Ms. Sushama Salgaonkar and the students of the department. Officiating Principal Dr. Shaila Ghanti and Botany department faculty Mrs. Amisha Shirodker Pednekar and Dr. Sankrita Gaonkar interacted with Associate Professor and Head R.B. Deshmukh and other faculties of their college, to discuss about future collaborations.



PGE Workshop ...contd from pg 1... The resource person presented a presentation on "Restriction digestion and plasmid isolation". She highlighted the students on the requirements, composition of solutions used during the experiments, procedures and calculations needed for the experiments. She also demonstrated the experiment "Restriction digestion of DNA" and also gave hands on experience to the students for the experiment "Plasmid

Photography Competition

Department of Botany successfully organised an online photography competition in association with SEB Goa chapter in memory of late Prof S.K. Jain, Father of Indian EthnoBotany on 25th May 2022. Departments of Botany, Zoology and Chemistry participated in the competition. There were a total of 24 entries. Ms. Amisha Pednekar was the event co-ordinator for this event. The winners of the competition are as follows:

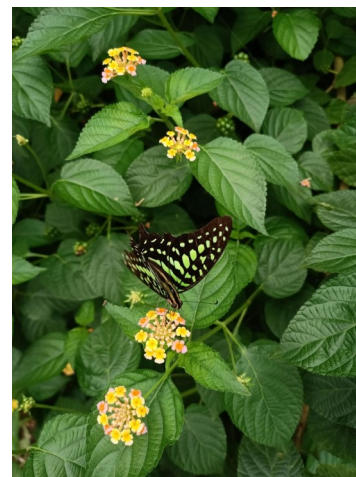
1. Premkumar- Botany Department
2. Jenny Vales- Botany Department
3. Franzila Crasto- Zoology Department



1



2



3

Faculty Participation

Ms. Amisha Pednekar, Dr. Sankrita Gaonkar and Ms. Sushama Salgaonkar participated in One-Week Online **National Faculty Development Program/Certificate** Program on “ICT Enabled Teaching in Higher Education” organized by Guru Angad Dev Teaching Learning Centre, a Centre under PMMMNMTT, Ministry of Education, Government of India in collaboration with Mahatma Gandhi Vidya-mandir's Loknete Vyankatrao Hiray Arts, Science and Commerce College, Nashik held from 4th May 2022 to 10th May 2022

To commemorate the 60th anniversary of Goa liberation, Department of Botany organised screening of Science film Playing God on 25 May 2022 in the Lower Auditorium.



STUDENTS' ARTICLES

CHAT WITH ALUMNI

Our Alumni Ms. Ravina Pai recently cleared MH SET in her second attempt. We had a small chat with her.

♦ How did you prepare for the SET exam ?

I did not categorically prepare for SET entrance, but my primary goal was to learn and clearing SET came along. I did read Pathfinder Life Science books to improve by Subject knowledge and also watched many YouTube videos whenever I had doubts about any specific topic. Apart from that I do read subject related research papers to stay updated and that too helps.



♦ Any tips to students for studying for such exams.

Be consistent. Learn to gain knowledge and not merely for exams, that would make learning more fun without pressure. Prioritise things and manage time well. Don't forget to enjoy the learning process.

♦ Was being an Alumni of Chowgule College helpful in any way?

Basics of the syllabus for SET is covered by the college and since I was from the affiliated batch, the subjects that I opted were Chemistry, Botany and Zoology which gave diverse knowledge. I have learnt many things from all teachers. I have learnt many things from all teachers. Learning Chemistry helped me understand Units like Biochemistry, Molecular Biology and Genetic engineering better. Since Zoology was also my subject I had a clue about the Animal Kingdom and of-course Botany being my Major subject in which I persuaded Masters too gave me in-depth knowledge. So yes, overall the college helped and apart from this you need to put personal efforts to clear competitive exams.

♦ How do you feel about this achievement?

I am obviously happy, but i don't think of it as a great achievement, I feel I could have qualified this exam in Masters, but I lacked the confidence of attempting it due to the hype of such competition exams specially when you are from the open category. Finally last year I gave my first attempt, without actually targeting it but on trial basis just to see where I stand, I could not qualify it by small number but that gave me the confidence that if I brush up certain topics, I can crack it. So then in my second attempt this year I could qualify.

♦ What would be your message to our current batch of students?

Understand your potential, enhance your strengths, work on your weakness until they turn in your favour. Try improving on everyday basis. Enjoy what you do.

EDITORIAL TEAM:

Teacher in-charge:

Amisha R. Pednekar

The opinion and news appearing herein are those of the editors and not necessarily those of Principal or The Management.

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