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 30th and 31st 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 30th January and 31st 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 30th January and 31st January, 2023 respectively

On 30th 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 30th 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 30th 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 30th Jan, 2023

On 31st 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.

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Pune District Education Association's

Waghire College of Arts, Commerce and Science

Saswad

Tal- Purandar Dist- Pune, ORGANIZED BY DEPARTMENT OF ZOOLOGY "Two Day Workshop on "LIFE SCIENCE" In Collaboration with Botany & Microbiology Departments (30th -31st January 2023) CERTIFICATE OF PARTICIPATION

This is to certify that ______ of

has attended **Two Day Workshop on "LIFE**

SCIENCE" organized on 30th -31st January 2023. We appreciate and thank his/her active participation.

Co-ordinator

वहजन हिताय.बहजन सखाय

Principal

