

Department of Botany Govt. Degree College Anantnag

(Harbinger of Biodiversity Conservation & Platform for Plant-based Technologies)

Following activities were conducted by the Department of Botany with effect from January to June 2022.

1. Activity. *Establishment of Indoor Pot House of succulents and sub-tropical plants*



As part of World Environment Day (WED)-2022 celebrations, Department of Botany of the College established Indoor Pot House with the main objective to successfully acclimatize and cultivate exotic plants under controlled climatic conditions. The activity is also aimed to educate the students about the role of diverse group of plants, native, exotic or succulents in meeting our economic needs. Plants in the pot house also make a readily available material needed for hands-on training to the students during practical work. Plants of many families

are grown with a view to make the students able to identify the features unique to these families. The pot house was inaugurated by worthy Principal of the College, Prof. Muzaffar Ahmad Bhat on 09.06.2022 in presence of senior faculty members of the College and staff (Teaching & Non-teaching) of the Department. In his interactive meeting with the faculty members of the Department, the worthy Principal assured full logistic and financial support by way of procurement of Lab related items which need to be arranged on priority and providing/outsourcing of manpower for maintenance of Herbal Garden/Seed Tech Park/Botanical garden etc.

It is pertinent to mention that Pot House will serve as repository of different types of succulents and sub-tropical plants which are prescribed in the curriculum of Botany UG curriculum & agro based skill oriented courses.

2. Activity. *Conifer Plantation Drive.*

World Environment week GDC Anantnag

In Collaboration with Department of Botany, CLDC, NSS, Department of Environment and Department of Social Forestry District Anantnag



The Department of Botany, NSS Units, Eco club of College in collaboration with Department of Social Forestry Division Anantnag organized one day Conifer Plantation Drive on 14th June 2022 in the Miyawaki forest (Tiny forest) of College premises. The drive was aimed to sensitize and acquaint college students with the importance of conifer vegetation viz-a-viz ecological, aesthetic and economic aspect of such diverse group of plants. About fifty students participated in the event. The drive kick started with plantation of conifer sapling by I/C Principal of college Prof. Javid Hussain (HOD Zoology) followed by conveners of different committees and other faculty members and students. Prof. Javid impressed upon students to act as ambassadors and imbibe and inculcate teachings and training being imparted in college and class rooms. He also impressed upon students and gardeners about periodic maintenance of conifer saplings.

3. Activity. Faculty Exchange Programme



As part of institutional faculty exchange programme, senior faculty member of the Department Dr. Mohd Suliman Dar (Assistant Professor Botany) was deputed to Govt. Degree College Kokernag on 23rd May, 2022 for a guest lecture presentation organized by host College on eve of International Biodiversity Day under the seminar theme Building a

Shared future for all life. Endorsing the presentation of Dr.Mohd Suliman Dar, host college Principal presented memento to resource person.

4. Activity. Awareness Lecture on Forest, Environment and Ecosystem conservation



Dr.Mohd Suliman Dar, Assistant Prof. Botany delivered power point presentation in the college conference Hall on 13th May on occasion of lecture series on Forest, Environment and Ecosystem conservation. The session was chaired by the College Principal Prof. Muzaffar Ahmad Bhat, attended by college students and faculty members of College. The activity was aimed to disseminate information to students about economic, ecological and aesthetic importance of forests. Dr. Mohd. Suliman Dar enlightened students through Quranic verses about need to conserve forest ecosystem and forest bio resource.

5. Activity. Essay Competition

The Department of Botany in collaboration with the Department of Seed Technology organized Essay competition in virtual mode on 22nd April 2022 on the topic,” Invest in our Plant” on eve of World Earth Day. About 15 students from five Colleges of the valley participated in the event. The participating students were evaluated on parameters like Creativity and content. On the basis of overall performance the following students were adjudged with cash prizes.

S.No	Name of student	Name of College	Position/Cash prize
1.	Azhar Mushtaq Dar	Govt. Degree College Anantnag	1 st Prize/Rs.1500/=
2.	Zainab Mushtaq Mir	Govt. Degree College Pulwama	2 nd Prize/Rs.1200/=
3.	Abid Sikander War	Govt. Degree College Tangmarg	3 rd Prize/Rs.1000/=

6. Submission of DST sponsored Research project.

J&K SCIENCE, TECHNOLOGY AND INNOVATION COUNCIL
DEPARTMENT OF SCIENCE & TECHNOLOGY
 SDA COLONY, BEMINA,
 SRINAGAR/5-B,C GHANDHI NAGAR JAMMU



The Department submitted detailed proposal to JK Science Technology and Innovation council-Department of Science and Technology (DST) UT of J and K for grant of financial support to the tune of Rs. Twelve lakh. The project entitled,” Establishment of an Agro-preneurship Development Center for Generation of Skill and Livelihood Opportunities in Agriculture and Allied Sector” shall be carried out under supervision of Project investigator Dr. Zahoor with Co-PI Dr. Mohd. Suliman and A. M. Chalkoo (Associate Prof. Botany).

7. Faculty Research paper publications.

B. A. Wani, Azad Hussain Khan, M. Shafi Parrey, Bahar A. Mir, Nuzhat Jabeen, M. Suliman Dar, Mir Khusrau and Afreen J. Lolu published research paper entitled „Principles and quality parameters of seed certification in some important seed spice crops” in Research Journal of Agriculture science.