

## **Report on the workshop conducted by Botany Department, Karnataka Science College Dharwad. 2020-21**

The present report covers the day's activities conducted during the workshop right from the inauguration to the vote of thanks.

The workshop begins with registration. Botany teachers from 14 affiliated colleges of Karnatak University Dharwad registered for the workshop. There were 29 participants and organizing committee members, on a total 40 members were present. The salient features of this report are the activities conducted which are accompanied with photograph and a brief write-up of the lecture, views and suggestions of the eminent teachers and outcome of the workshop.

The programme started with prayer song by Kum. Sanjotha, B. Sc 3rd Semester Student. Dr. Doris M. Singh, HOD of Botany Department, welcomed the august gathering. The Chief Guest Prof. H.N. Murthy, Chairman, PG studies in Botany KUD presented a talk on National Education Policy for B.Sc. Botany (Honors). He highlighted on the aspect of students capability to clear NET, SET, GATE and IFS. He has framed the syllabus in accordance to the various National Examinations syllabus which is an advantage for the students.

### **The syllabus comprises of**

- 1) Discipline specific core courses
- 2) Open elective courses for the first two years, thereafter from the fourth semester Discipline Specific Elective course.
- 3) Skilled enhancement course.

### **The title of the DSCC framed as presented are as follows:**

Semester – I	Fungi, Microbiology and Plant Pathology
Semester – II	Algae, Bryophytes, Pteridophytes and Gymnosperm
Semester – III	Plant systematic and Resource Botany
Semester – IV	Genetics and Plant Breeding
Semester – V	Cell and Molecular biology
Semester – V	Plant anatomy and development biology
Semester – VI	Plant Physiology and Plant Ecology
Semester – VI	Plant Biotechnology and Evolutionary Biology
Semester – VII	Molecules and their interaction relevant to biology.
Semester – VII	Analytical Techniques: Biophysical, Biochemical Methods and Biostatistics.
Semester – VII	Genomics, Proteomics, Metabolomics
Semester – VIII	Applied Biology
Semester – VIII	Research Methodology
Semester – VIII	Research Project

**The following are the outcomes on discussion.**

1. Chairman also very specifically told the teachers to go through the syllabus and then proposed changes required for the coming years.
2. These changes would be according to the requirement of the present scenario and availability of specimens in that particular region.
3. These changes in syllabus contained to be presented to the BOS so that it can be implemented in the next year.
4. Chairman suggested also incorporating regional list of books and manuals which can be easily available to the students in the reference.
5. This is a vibrant syllabus which has scope for change.
6. He also assured to send a draft of the syllabus to all colleges.
7. Many research doubts were cleared by Prof. H.N. Murthy.
8. A project in the eighth semester could be taken up by collaboration with other laboratories. So that students know more technology, instrumentation and increase their research skills. This cleared the doubt of teachers to whether the infrastructure of the college will support projects for the students on the eighth semester.
9. The problems that arise every year, to be discussed in teacher conference and then brought to the notice of BOS.

The changes made from first notification were –

1. To change semester-II title to Semester-I.
2. OEC semester I, Mushroom cultivation semester-II Biofertilizer.
3. Theory 40 formative 60 summative
4. Practical 50 formative 50 summative.

It was resolved that further discussions with appropriate change in the syllabus will be done in November 21<sup>st</sup> Sunday in Karnatak University Botany Teacher Conference at Kittle Science College, Dharwad. Those changes will be recommended for incorporate in the next year.

According to the participant feedback it is well noted that the workshop was the need of an hour. As most of them have many doubts regarding change of semester-II made to semester-I and vice-versa was cleared. All participants strongly agreed that:-

1. The objective of the workshop was clearly defined.
2. Participation and interaction were encouraged.
3. The topic covered was relevant.
4. The time allotted for the workshop was sufficient.

Opinion of the teachers was shared. The workshop ended with the vote of thanks by Dr. K. Kotresha.