

## 7.2.1 Best Practices

### Best Practice – I

1. **Title of the Practice: Quick Response Code to Identify Plants online.**
2. **Objectives of the Practice** To design and implement a user-friendly Tree identification online repository for G.S.S. campus, using open-source smart technology.
3. **The Context:** Students and People while walking in the college campus, avenue, gardens, see the beauty of trees, plants, flower, fruits etc., And wonder what to call the? Although many trees and plants are noticed daily but are difficult to identify. So there needs to be an easy way of identifying them.
4. **The Practice**

We have developed a QR code (quick response) system for tree in the campus, using an open-source technology, where people can scan the unique QR code tagged on each tree in the campus and get its full information available online, including common name, scientific name, characters, significance etc. This will be the first time in Karnataka, where such open-source technology is used in public space, in college campus for awareness. This would be a pioneering step towards smart digital campus, and also save as a case study for other institutions in the future.

### 5. Evidence of Success

The student without the life science background is also able to understand the name of plant and its information in detail, quickly after scanning the QR code from mobile.

### 6. Problems Encountered and Resources Required

For QR code to function there should be android mobile with internet

Facility, compulsory to scan and get the information. If Internet is not available, we cannot scan the code to get information.

  
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## **BEST PRACTICE – II**

### **1. Title of the Practice: Orientation Programme**

### **2. Objectives of the Practice**

To make the fresh students (B.Sc. I Sem; BCA I Sem; and M.Sc. I Sem) aware of the infrastructure, academic and co-curricular faculties in the institution

### **3. The Context**

Initially all the students are made to assemble at a common hall. The principal highlights the objectives of the orientation. Couple of Faculty members provide information on the institutional facilities, infrastructure, vision and mission, do's and don'ts in the campus such as use of mobile, eve-teasing, harassments, ragging etc; co-curricular and extracurricular facilities, scholarships, examination related points etc.

The students are made groups of 25-30 and are attached to a team of three faculty members and were provided a hall for the activities. The faculty in-charge are trained with the CLHRD manuals for orientation programmes. The manual has mainly, teaching-learning components, teaching methodology, games, puzzles etc.

### **4. The Practice**

The faculty members assigned to conduct several modules of the CLHRD programmes by making several groups among students irrespective of gender. The students are provided with required material for their assignments viz., files, posters, color pencils/sketch pens, newspapers etc. Using these materials, the students prepare their assignments and present their groups highlights.

### **5. Evidence of Success**

The teaching-learning modules added with games, puzzles etc. make the students ease in the new campus and environment. They become free with their unknown friends, learn to mix up, get confidence, stage courage, show their talents, share the things, and build team management.

### **6. Problems Encountered and Resources Required**

The students who join late miss this orientation programme as the regular classes will have started. Expenses for stationary, food, tea etc., are inevitable which is taken care by the institution.

### **7. Notes (Optional)**

As the students stay in the campus for next 2-3 years, the orientation programme is quite effective to make the students feel at home. They are familiar with the campus, infrastructure, extracurricular and co-curricular aspects. This makes easy to manage the students in the campus.

  
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ANY OTHER RELEVANT INFORMATION  
 Best practice: Quick response code to identify plants online.  
 QR code displayed on the trees in GSS college campus.



**तरुण भारत**

## क्यूआर कोडद्वारे मिळतेय झाडांची माहिती

**जीएसएसच्या वनस्पती शास्त्र विभागाचा राज्यातील पहिलाच उपक्रम**

**प्रतिनिधी**  
 बेळगाव

सत्रज्ञानाचा योग्य वापर केल्यास अनेक गोष्टी साध्य करता येतात आपल्याला एखादे झाड दिसते पण त्याचे गुणधर्म, त्याची प्रतवारी, त्याच्या उपयोगाची माहिती नसते झाडांना विविध भाषांमध्ये असणारी नावे, त्यांचे गुणधर्म माहिती व्हावे याकरिता जीएसएस कॉलेजच्या वनस्पती शास्त्र विभागाने प्रत्येक झाडाला क्यूआर कोड लाविला आहे. राज्यात प्रथमच असा उपक्रम जीएसएस कॉलेजने राबविला असल्यामुळे त्याचे सर्वत्र कौतुक होत आहे.

जीएसएस कॉलेजच्या परिसरात असणाऱ्या ४८० हून अधिक झाडांना क्यूआर कोड लावण्यात आला आहे. कॉलेजच्या वनस्पतीशास्त्र विभागाने प्रत्येक झाडाची माहिती संकलीत करून त्याद्वारे ऑनलाईन बनविण्यात आले आहे. यामुळे झाडावर असणारा क्यूआर कोड मोबाईलमध्ये स्कॅन करताच त्या झाडाची संपूर्ण माहिती मोबाईलवर उपलब्ध होत आहे.

वनस्पती शास्त्र विभागाच्या विद्यार्थ्यांना झाडाविषयी माहिती असते परंतु इतर विद्यार्थ्यांना ही माहिती समजावी याकरिता हा अनोखा उपक्रम राबविण्यात आला आहे. यामध्ये त्या झाडाचे नाव, वैज्ञानिक नाव, त्याचे वर्गीकरण, त्याची मूळ प्रजात कोठून आली आहे, त्याचे औषधी गुणधर्म या विषयीची माहिती या ओपद्वारे देण्यात आली आहे. जीएसएस कॉलेजच्या कॅम्पसमध्ये अनेक औषधी व दुर्मिळ अशी झाडे आहेत त्याची माहिती विद्यार्थ्यांना सहजगत्या समजत आहे. हा उपक्रमासाठी वनस्पती शास्त्र विभागाचे प्रमुख पंजुकर यांनी परीश्रम घेतले आहेत त्यांना प्रा. प्रवीण पाटील, राहुल खानोलकर यांचे सहकार्य मिळाले आहे. माहिती संकलनाचे काम अद्याप सुरू असून, येत्या काही दिवसात सर्व माहिती क्यूआर कोडवर उपलब्ध असणार आहे.

**बेळगाव : अशाप्रकारे झाडांना क्यूआर कोड बसविण्यात आलेले आहे.**

या बातमीचा दृष्टिकोन पाहण्यासाठी QR Code Scan करा.

Quick response code To identify tree published in Tarun Bharat newspaper.  
 Best practice: Orientation programme

  
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## **A Report on Orientation programme conducted for B.Sc. I semester students**

A one-day orientation programme was conducted for B.Sc. I semester students on 28 June 2019. A total of 148 students attended the programme. 38 staff members were involved as the Facilitators. Inaugural for the programmes was conducted at K.M. Giri Auditorium of the college at 10.30 am. Swami Mokshatmanandaj from Ramakrishna Mission Ashram, Belagavi was the Chief Guest for the inaugural session. Swamiji addressed the students regarding their conduct in the college and their approach towards studies and life. Students were largely benefited by the guiding words of Swamiji. The students were divided into 10 groups soon after the inaugural session. Each group was assigned with 3 Facilitators at different venues in the college. The sessions were divided into pre-lunch and post-lunch sessions.

The pre-lunch session had three important activities;

1. Breaking of ice – Introduction of students with one another in the group.
2. Introduction of the college – About the geography of college, various scholarships, add-on courses, policies of the college etc.
3. Group discussion – About some important topic useful for the students.

In addition to other activities, the post-lunch session had collage making;

Collage making - The students were provided with newspapers and stationaries to make a collage on some chosen topic from the newspapers. Later they presented their collage.

All these activities were conducted in accordance with the guidelines of UGC for conducting orientation.

The Orientation programme helped students to know one another in the group, to get familiarized with the college and improve their speaking and working skills to certain extent.

  
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**Photographs of orientation programme.**



**Orientation Programme for B. Sc students on 2019**



**Orientation Programme for B. Sc students on 2019**

  
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