

**DEPARTMENT OF BOTANY**

**BEST  
PRACTICE**

***Herbal Holi***



## **Title of the Practice: Herbal Holi**

### **The Context: Celebrate an Eco Friendly Holi**

Ideally, the joyous festival of Holi is meant to celebrate the arrival of Spring while the colors used in Holi are to reflect of the various hues of spring season. But unfortunately, in modern times Holi does not stand for all things beautiful. Like various other festivals, Holi too has become ruthlessly commercialized, boisterous and yet another source of environmental degradation. To de-pollute Holi and make it in sync with nature, as it is supposed to be, several social and environmental groups are proposing a return to more natural ways of celebrating Holi.

The aim of this attempt is to generate awareness amongst people about the various harmful effects around Holi celebrations and encourage people to celebrate an eco friendly Holi!

Holi is very popular festive occasion in India. It is very colourful festival and all the youth will participate in this occasion and they apply colours on their faces and clothe each other on that day.

The colours used during that occasion are with harmful substances.

### **Harmful Chemicals in Holi Paste type colors:**

According to their researched fact sheet on Holi, the pastes contain very toxic chemicals that can have severe health effects. Please check the table below to know about the chemical used in various Holi colors and their harmful effects on human body.

		Health Effects
Color	Chemical	
Black	Lead oxide	Renal Failure
Green	Copper Sulphate	Eye Allergy, Puffiness and temporary blindness
Silver	Aluminium Bromide	Carcinogenic
Blue	Prussian Blue	Contract Dermatitis
Red	Mercury Sulphite	Highly toxic can cause skin cancer

(Source: Vatavaran)

### Harmful Chemicals in Gulal:

The dry colours, commonly known as gulals, have two components – a colourant that is toxic and a base which could be either asbestos or silica, both of which cause health problems. Heavy metals contained in the colourants can cause asthma, skin diseases and adversely affect the eyes.

### Harms of Wet Holi Colors:

Wet colours, mostly use **Gentian violet** as a colour concentrate which can cause **skin discoloration and dermatitis**.

These days, Holi colours are sold loosely, on the roads, by small traders who often do not know the source. Sometimes, the colours come in boxes that specifically say '**For industrial use only**'.

**The objectives:** To enlighten the students regarding the harmful effects of the coloured powders used during the occasion of Holi.

**The Practice:** Every year an exhibition with various coloured materials prepared on using plant products is arranged in the premises of the college.

### Impact of the practice:

**/Evidence of the success:** Our exhibitions regarding "**Herbal Holi**" are attracting the students and students are very much interested to know about the harmful effects of those chemical colours. Year by year the usage of coloured gulal is decreasing among the student community of this area.

**Resources required:** Plant products which give colours like turmeric, indigo, carrot, Aloe, Beet root etc.

**For further details:** Department of Botany, AG & SGS Degree College, Vuyyuru, 521 165

**2017-18**

### **Herbal holi:**

The aim of this attempt is to generate awareness amongst people about the various harmful effects around holi celebrations and encourage people to celebrate an ecofriendly holi.



Principal Sir Mr. Satyanarayana garu observe the natural colours



Students and staff members visit the programme



Students explaining to other group members

**2019 - 20**

**Herbal holi:**

The Department of Botany in association with IQAC conducted an awareness programme Herbal Holi - Organic Colours on 10.03.2020



Principal sir address to students about the programme



Staff and students participated in the programme

# హెర్బల్ హోలీ

ఉయ్యూరు, మార్చి 10: ఏజీఅండ్ఎస్ జీఎస్ కళాశాల వృక్షశాస్త్రవిభాగం, ఐక్యూఎసీ సంయుక్త ఆధ్వర్యంలో మంగళవారం హెర్బల్ హోలీ కార్యక్రమాన్ని నిర్వహించారు. విద్యార్థులు మొక్కల పుష్పాలు, ఫలాల నుంచి సహజ రంగులు తయారు చేశారు. ప్రకృతి సిద్ధంగా లభించే వాటినుంచి తయారు చేసిన రంగులు ప్రమాదకరం కాదని, ఈ రంగులు వాడితే చర్మ, నేత్ర వ్యాధులు, కేన్సర్ దరి చేరవనే ఈ



రంగులు పూసుకుంటున్న యువకులు



హెర్బల్ హోలీ కార్యక్రమాన్ని నిర్వహిస్తున్న ఏజీఅండ్ఎస్ జీఎస్ కళాశాల వృక్షశాస్త్ర విభాగం

కార్యక్రమాన్ని నిర్వహించామని కళాశాల ప్రెస్సిపాల్ డి.బాలకృష్ణ తెలిపారు. వృక్షశాస్త్ర విభాగ అధిపతులు సీహెచ్ బ్యూ లారంజని, కిరణ్మయి, అధ్యాపకులు పాల్గొన్నారు.

## కంకిపాడులో..

కంకిపాడు: హోలీని పురస్కరించుకొని గ్రామంలోని పలు వీధుల్లో యువకులు వేడుకలు చేసుకున్నారు. ఒకరిపై ఒకరు రంగు పూసుకుంటూ ఉత్సాహంగా ఆడిపాడారు.

Paper clipping of the programme

**2021 - 22**

**Herbal holi:**

The Department of Botany and ecofriendly club association with IQAC conducted awareness programme Herbal holi - Organic Colours on 17.03.2022.



Staff and students at the programme



Staff and students observing the programme



**2022 - 23**

## **Herbal Holi:**

The Department of Botany in association with IQAC conducted an awareness programme Herbal Holi - Organic Colours on 08.03.2023.



Guest members observing the natural colours



Staff and students attended Holi programme