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2022-2023

Name of the Department/Society: Rasayanatva- Chemical Society Name of the Event: Laboratory: Formulation of Herbal Colours

Date of the Event: 23rd February 2023



Holi is the festival of colours. It is one of the most loved festivals celebrated in India. On Holi, it's a tradition to wish friends and family with vibrant and attractive colours. Everyone from children to elders enjoys this festival. There is a high chance of them getting irritated skin from synthetic chemicals. These colours are

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made from harmful substances like acid, glass powder, industrial dye, copper sulphate, lead oxide, etc. Which are harmful to the skin, cause eye pain, degrade hair quality, and can also cause health complications.

As Holi is around the corner, the students along with our professors of the Chemistry Department organized a workshop on 'formulation of Herbal colours'.

First, the Principal madam addressed the students about the importance of herbal colours and was very happy to see the arrangements. Then teachers started explaining the students the health hazards that toxic synthetic colours may cause and proceeded talking about the benefits of the herbal colours.

They mentioned about the importance of herbal colours as follows:

Environment friendly: Chemical colours not only harm humans but also the environment. They degrade the quality of land and water. These colours are even harmful to aquatic animals.

Non-toxic in nature: These colours are 100% natural. No chemical, artificial colour, or toxic substance is added to them. These colours are natural and high-quality.

Skin-friendly: Herbal colours are made up of naturally grown ingredients, so they do not harm your skin in any way. These colours even get washed easily which helps to make your skin clear again in no time.

Suitable for everyone: Chemicals and artificial colours trigger itching, allergic reaction, and skin inflammation. Since natural colours are completely herbal, they are suitable for everyone.

A few volunteers were called to make the products: Herbal GULAL, Tikas and Wet Colours.

- For making herbal gulal, Beetroot, orange peal and Spinach-Coriander mixture were separately grinded in mixer with small amount of water to get the colours. These were then mixed with talcum powder to get the desired consistency.
- For making tikas, white sandle wood powder was mixed with herbal colours and rose water.
- Besides this importance of Butea Monosperma was also discussed, flowers of which gives colour to water after soaking them over night.

The creative concourse ignited the inquisitiveness of participants. They have committed themselves completely to bringing about a change in the situation. The informative workshop culminated with a voteof thanks proposed by the teachers of the department and packets of dried Tesu and Rose petals were given to students.

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Attendance

| S/N | NAME | COURSE | YEAR | ROLL NO. |
|-----|-------------------|-----------------|------|-------------|
| 1 | Anurag Singh | Chemistry Hons. | II | 3336 |
| 2 | Shraddha Yadav | Chemistry Hons. | II | 3368 |
| 3 | Yashika Sharma | Chemistry Hons. | II | 3329 |
| 4 | Vaishali Chandel | Chemistry Hons. | II | 3349 |
| 5 | Trishita Kumari | Chemistry Hons. | II | 3369 |
| 6 | Ishika Rana | Chemistry Hons. | II | 3377 |
| 7 | Taniya Jain | Chemistry Hons. | II | 3342 |
| 8 | Riyanshi Goel | Chemistry Hons. | II | 3326 |
| 9 | Ismita | Chemistry Hons. | II | 3361 |
| 10 | Vishakha | Chemistry Hons. | II | 3362 |
| 11 | Vinee | Chemistry Hons. | II | 3330 |
| 12 | Rashi | Chemistry Hons. | II | 3353 |
| 13 | Tushar | Chemistry Hons. | II | 3323 |
| 14 | Siddhant Doley | Chemistry Hons. | II | 3355 |
| 15 | Sanjana | Chemistry Hons. | II | 3370 |
| 16 | Gabriel | Chemistry Hons. | II | 3386 |
| 17 | Hitesh | Chemistry Hons. | II | 3382 |
| 18 | Abhishek Kumar | Chemistry Hons. | II | 3374 |
| 19 | Ayush Sudan | Chemistry Hons. | II | 3289 |
| 20 | Pravesh Kumar | Chemistry Hons. | II | 3320 |
| 21 | Jai Kumar Jain | Chemistry Hons. | II | 3327 |
| 22 | Rishiraj Rankawat | Chemistry Hons. | II | 3366 |
| 23 | Sanjeet Kr.Maurya | Chemistry Hons. | II | 3318 |
| 24 | Ankit | Chemistry Hons. | II | 3357 |
| 25 | Vinay | Chemistry Hons. | II | 3335 |
| 26 | Aanchal | Chemistry Hons. | II | 3365 |

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| 27 | Kashish | Chemistry Hons. | II | 3321 |
|----|------------------|-----------------|-----|-------|
| 28 | Tushar Yadav | Chemistry Hons. | II | 3387 |
| 29 | Manan Jain | Chemistry Hons. | III | 13343 |
| 30 | Stuti Gupta | Chemistry Hons. | III | 13318 |
| 31 | Aniket Kumar | Chemistry Hons. | III | 13410 |
| 32 | Amandeep Nain | Chemistry Hons. | III | 13345 |
| 33 | Pankaj Choudhary | Chemistry Hons. | II | 3322 |
| 34 | Hridik Dinesh | Chemistry Hons. | II | 3264 |
| 35 | Luxman | Chemistry Hons. | II | 3376 |
| 36 | Pawan Kumar | Chemistry Hons. | II | 13380 |
| 37 | Ritul Sharma | Chemistry Hons. | III | 13351 |
| 38 | Jatin Prajapati | Chemistry Hons. | II | 3332 |
| 39 | Sachender | Chemistry Hons. | II | 3351 |
| 40 | Ashutosh | Chemistry Hons. | II | 3334 |
| 41 | Pritam Kumar | Chemistry Hons. | II | 3358 |
| 42 | Anuj Maurya | Chemistry Hons. | II | 3367 |
| 43 | Harsh | Chemistry Hons. | II | 3287 |
| 44 | Saurabh | Chemistry Hons. | II | 3278 |
| 45 | Divyanshi | Chemistry Hons. | II | 3290 |
| 46 | Shrika | Chemistry Hons. | II | 3388 |
| 47 | Yash Gupta | Chemistry Hons. | II | 3379 |
| 48 | Gunjan | Chemistry Hons. | П | 3337 |
| 49 | Lipsa Sahu | Chemistry Hons. | П | 3364 |
| 50 | Sukhman | Chemistry Hons. | II | 3343 |
| 51 | Deepak Kumar | Chemistry Hons. | П | 3356 |