



|| Jal Sri Gurudev ||
Sri Adichunchanagiri First Grade College
Channarayapatna
Department of Chemistry

Circular

We are excited to announce a field visit for V semester students to a sugarcane crushing unit and jaggery-making facility. This event, titled "Sweet Exploration," will provide valuable insights into sugar production and jaggery crafting.

Details:

- Date: 25th October 2024
- Time: 11:30 AM to 2:30 PM
- Location: D. Kalenalli, Channarayapatna

Students should gather at the college by 11:00 AM for attendance before departure. This visit offers a chance to learn about agricultural practices and engage with industry professionals, highlighting the significance of sugarcane in our economy.

Participation is essential as this visit is a key part of your curriculum. Please wear comfortable clothing and shoes suitable for fieldwork.

For any questions, contact the department office.

Seal and Signature of HoD
SAFG College
Channarayapatna-573116
Hassan Dist



|| Jai Sri Gurudev ||
SRI ADICHUNCHANAGIRI FIRST GRADE COLLEGE, Channarayapatna-573116
DEPARTMENT OF CHEMISTRY

A brief report of Industrial visit on
“Sweet Exploration – A Journey Through Sugarcane Crushing and Jaggery Crafting”

Date of Visit: 25th October 2024

Location: D. Kalenalli, Channarayapatna

Time: 11:30 AM to 2:30 PM

On 25th October 2024, V semester students participated in an enlightening field visit titled “Sweet Exploration,” organized to deepen their understanding of sugar production and jaggery crafting. The event began with an informative session by Dr. B.N. Chandrashekar, who elaborated on the theoretical aspects of carbohydrates related to sugarcane. He discussed the composition of sugarcane, highlighting its essential components, including sucrose, glucose, and fructose. Dr. Chandrashekar also addressed various products and by-products derived from sugarcane, such as molasses and bagasse, emphasizing their significance in the sugar industry and beyond.

Following this, Mr. Jeevan, the Manager of the sugarcane crushing unit, guided students through the intricate processes involved in sugarcane crushing and jaggery production. The visit provided a firsthand look at the journey from freshly harvested sugarcane to the final jaggery product. Mr. Jeevan explained the initial steps, including the selection and washing of sugarcane, followed by the crushing process, where the cane juice is extracted. He detailed how the juice is then clarified and boiled to produce jaggery. The intricate methods of controlling temperature and timing during boiling were also discussed, as they are crucial for achieving the desired texture and flavor of jaggery. Additionally, students learned about the sustainable practices in place that enhance the efficiency of production while minimizing waste.

This visit not only provided valuable insights into agricultural practices and industrial processes but also highlighted the significance of sugarcane in the economy. Students were encouraged to engage with industry professionals, fostering a connection between academic concepts and real-world applications. Overall, “Sweet Exploration” was an enriching experience, integral to the curriculum, and it emphasized the importance of understanding the agricultural foundations of our food systems.

HOD of Chemistry
SAFG College
Channarayapatna-573116
Hassan Dist.

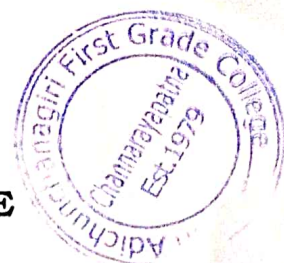
Principal
Sri Adichunchanagiri First Grade College
Channarayapatna



Industrial visit on "Sweet Exploration – A Journey Through Sugarcane Crushing and Jaggery Crafting"
October 24, 2024

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HOD of Chemistry
SAFG College
Channarayapatna-573116
Hassan Dist

[Signature]
Principal
Sri Adichunchanagiri First Grade College
Channarayapatna



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SRI ADICHUNCHANAGIRI FIRST GRADE COLLEGE

CHANNARAYAPATNA-573 116

Department of Chemistry

Attendance Sheet

Field Visit for 5th Semester Students: "Sweet Exploration - A Journey Through Sugarcane Crushing and Jaggery Crafting"

Date : 25th October 2024

Time : 11.30 am to 2.30 pm

Class : V semester

Place : D.Kalenalli,

Channarayapatna

Sl.No.	STUDENT NAME	SIGNATURE
01.	Nadiya Khamum	Nadiya
02	Mehnaz Mokhtar	Mehnaz
03	Sinchana H.D	Sinchana
04	Tejaswini B.T	Tejaswini
05	Varghini . M	Varghini
06	Rakshitha C.N	Rakshitha C.N
07	Vaisha D.D	Vaisha
08	Harshitha . S.S.	Harshitha . S.S.
09	SP009thi . A	SP009thi
10	Bhoomika	Bhoomika
11	Vaishnavi K. S	Vaishnavi
12.	Shivani. K.R	Shivani. K.R
13	Pooja M.D	Pooja
14	Bhanupriya M.T	Bhanupriya
15.	Rachana. A.L	Rachana. A.L

