



JSS MAHAVIDYAPEETHA

JSS COLLEGE FOR WOMEN(AUTONOMOUS)

(An Autonomous College of University of Mysore: Re-Accredited by NAAC with 'A' Grade (CGPA 3.07)

Saraswathipuram, Mysuru- 570 009

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DEPARTMENT OF MICROBIOLOGY

EXTENSION ACTIVITY

AWARENESS PROGRAMME ON BLOOD GROUPING- TYPES AND IMPORTANCE

Date: 17/02/2026

Place: Hemavathi High School, T.K. Layout, Mysuru- 570009

Number of beneficiaries:50

Objective:

The objective of the extension activity was to create awareness among the students about different blood groups and their importance in human health. The program aimed to educate students about the **ABO and Rh blood grouping systems** and to emphasize the necessity of knowing one's blood group for medical emergencies and blood transfusions. Another objective was to explain the various components of blood such as red blood cells, white blood cells, platelets, and plasma, along with their specific functions. The activity also intended to promote scientific curiosity and health awareness among school students.

Brief Write-up of the Program

The Department of Microbiology, JSS College for Women (Autonomous), Saraswathipuram, Mysuru, organized an extension activity from Microvision Club at Hemavathi High School, T.K. Layout, Mysuru, on 17 February 2026. The program was conducted for the students as an awareness initiative on blood grouping and blood components.

The main objective of this programme was to create awareness among students about blood grouping systems, different types of blood groups, and the importance of blood components in maintaining human health.

During the session, Mr. Girish M., Head of the Department of Microbiology, explained the topic "Blood Grouping – Types and Importance." He discussed in detail the ABO and Rh blood grouping systems and their significance in transfusion compatibility. He clearly explained how antigens and antibodies determine blood groups and highlighted the importance of Rh factor in pregnancy and transfusion cases.

As part of the practical demonstration, students were introduced to the procedure of blood group identification and were guided to understand their respective blood groups through a supervised

demonstration. The activity helped them gain practical knowledge about antigen-antibody reactions involved in blood grouping.

Students were also introduced to the major components of blood, namely red blood cells, white blood cells, platelets, and plasma. The functions of each component were explained, including oxygen transport, immunity, clotting mechanism, and nutrient distribution. The session helped students understand how blood plays a vital role in maintaining body functions.

The Headmaster and science teachers of the host school extended their full support in organizing the programme. Their cooperation ensured that the activity was interactive, informative, and beneficial for the students.

The programme was interactive, and students actively participated by asking questions about blood donation and blood group identification. The awareness session successfully enhanced students' knowledge

PHOTOS:

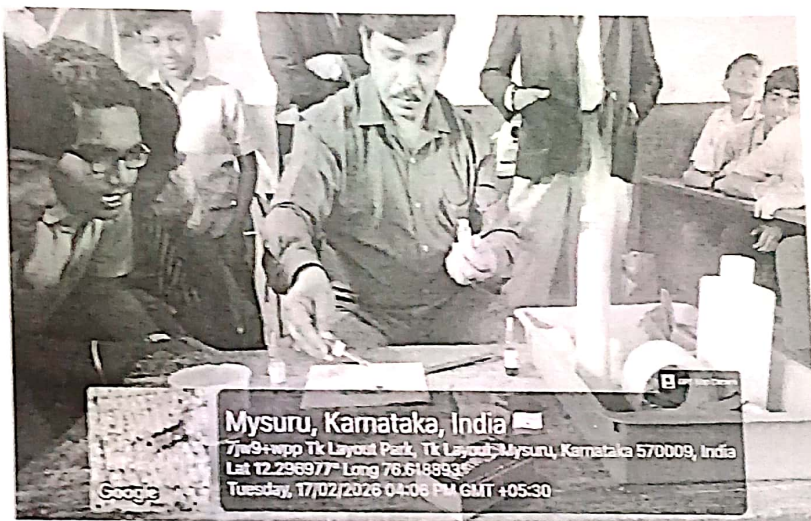
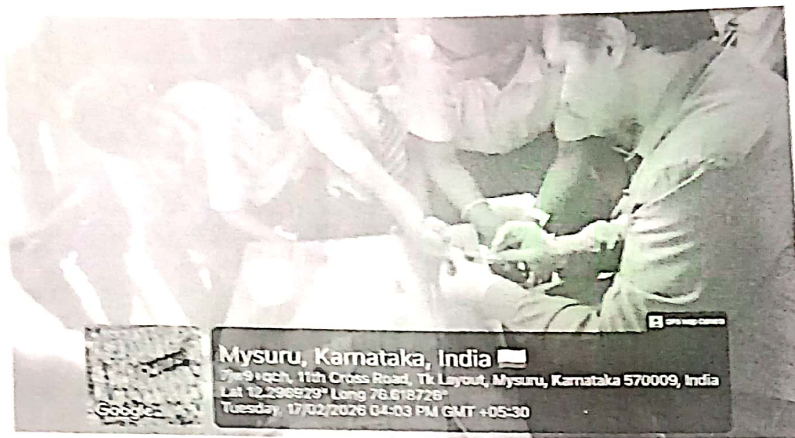
GEO TAGGED PHOTOS:





Feedback:

[illegible]



OTHER PHOTOS



ವಿ.ಎಸ್.ಎಸ್. ಹಾಳು ಕಾಪಿ (ಪ್ರಾ.ಶಿ.ಪು.) ಸಂಗ್ರಹಣೆ, ಮೈಸೂರು ಸೂಕ್ತ ರೀತಿಯಲ್ಲಿ ವಿತರಣೆ	ವಿದ್ಯಾರ್ಥಿ/ಪ್ರಾಜೆಕ್ಟ್ ಹೆಸರು ಕಾರ್ಯಕ್ರಮ: ರಕ್ತಸಂಕ್ರಮಣ ತಿಳುವಳಿಕೆ ಕಾರ್ಯಕ್ರಮ ಸ್ಥಳ: ಸರ್ವೋತ್ತಮ ಪ್ರಾಚಾರ್ಯ, ಬಿ.ಕೆ. ರೋಡ್, ಮೈಸೂರು ತರಗತಿ: ಕೊಠಡಿ ವಿದ್ಯಾರ್ಥಿ ಹೆಸರು: <u>ಸಿ.ಬಿ.ಆರ್</u>
1. ಕಾರ್ಯಕ್ರಮ ನಿಮ್ಮ ಒಬ್ಬ ಕುಟುಂಬದವರಿಗೆ? ☒ ಹೌದು ☐ ಕುಟುಂಬ ☐ ಸಹೋದರಿ	6. ಇತರ ಅಧಿಕಾರಿ/ಪ್ರಾಜೆಕ್ಟ್ ಕಾರ್ಯಕ್ರಮಗಳು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಅನ್ವೇಷಣಾತ್ಮಕವಾಗಿವೆಯೇ? ☒ ಹೌದು ☐ ಇಲ್ಲ
2. ರಕ್ತ ಸಂಕ್ರಮಣದ ಬಗ್ಗೆ ನಿಮ್ಮ ತಿಳುವಳಿಕೆ ಕಾರ್ಯಕ್ರಮದ ನಂತರ ಹೆಚ್ಚಾಯಿತೇ? ☒ ಹೌದು ☐ ಸ್ವಲ್ಪ ☐ ಇಲ್ಲ	7. ಇತರ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಮತ್ತೆ ಆಯೋಜಿಸಿದರೆ ನಿಮ್ಮ ಇಷ್ಟವೇ? ☒ ಹೌದು ☐ ಇಲ್ಲ
3. ಕಾರ್ಯಕ್ರಮದ ವಿವರಗಳು ನಿಮ್ಮ ಸ್ನೇಹಿತರಿಗೆ ಅರ್ಥವಾಗಿದೆಯೇ? ☒ ಹೌದು ☐ ಸ್ವಲ್ಪ ☐ ಇಲ್ಲ	8. ಇಂದಿನ ಕಾರ್ಯಕ್ರಮದ ಬಗ್ಗೆ ನಿಮ್ಮ ಒಟ್ಟಾರೆ ಅಭಿಪ್ರಾಯ (Overall rating) ☒ ಅತ್ಯುತ್ತಮ ☐ ಉತ್ತಮ ☐ ಸರಾಸರಿ ☐ ದುರ್ಬಲ
4. ಪ್ರದರ್ಶನ (Demonstration) ನಿಮ್ಮ ಅರ್ಥವಾಗಿದೆಯೇ? ☒ ಸಂಪೂರ್ಣವಾಗಿ ☐ ಸ್ವಲ್ಪ ☐ ಅರ್ಥವಾಗಲಿಲ್ಲ	Signature of the student <u>Wishwa</u>
5. ಸಂಪನ್ಮೂಲಗಳು (Resource persons) ಸ್ನೇಹಿತರಿಗೆ ವಿವರಿಸಿದರೇ? ☒ ಹೌದು ☐ ಇಲ್ಲ	

Impact

The programme enhanced students' knowledge about blood grouping and the importance of blood components. Students developed awareness regarding blood transfusion and medical emergencies. The practical demonstration improved their scientific understanding and interest in health-related topics. The activity also promoted awareness about blood donation and social responsibility. Overall, the programme successfully created health consciousness among the students.

ಜಿಲ್ಲಾ ಕಛೇರಿ ಸಂಖ್ಯೆ : 180/1982-83
ದ್ವಿತೀಯ ಸಂಖ್ಯೆ : 29261202811

ಜಿಲ್ಲಾ ಕಛೇರಿ ಸಂಖ್ಯೆ : 0821-2547009

ಹೇಮಾವತಿ ವಿದ್ಯಾಸಂಸ್ಥೆ (ರಿ.)



ಹೇಮಾವತಿ ಅನುದಾನಿತ ಪ್ರೌಢಶಾಲೆ

ಸರಸ್ವತಿಪುರಂ, 4 ನೇ ಹಂತ, ಮೈಸೂರು - 570 009.

ದಿನಾಂಕ : 17-01-2026

ಶ್ರೀ,

To,

Mr. Gurish M.
Asst. Professor and HoD
Dept. of Microbiology
JSS College for Women (Autonomous)
Mysuru

Letter of Appreciation

Dear Sir,

Greetings from Hemavathi Vidya Sansthe

We are very much thankful for your wonderful Extension Activity as well as an Awareness Program on "Blood Grouping" to our 9th standard students which made them to learn the importance and role of blood grouping in safe blood transfusion and other applications. The way conducted the program was very much appreciated by students, staff and management. In future, we seek such programs to be held from your department in our school for better understanding of the skill and concept of science for our students with enthusiastic support always from our side.

With regards,

S. S. Shetty
Yours faithfully, 17/01/26

ಮುಖ್ಯಸ್ಥ/ಪ್ರಾಂಶುಪಾಲರು
ಜಿಲ್ಲಾ ಕಛೇರಿ ಸಂಖ್ಯೆ : 0821-2547009
ಸರಸ್ವತಿಪುರಂ, 4 ನೇ ಹಂತ, ಮೈಸೂರು - 570 009

M. Gurish
Signature of HoD

S.
Signature of Principal
PRINCIPAL
JSS COLLEGE FOR WOMEN
(Autonomous)
Saraswathipuram, Mysore-570009

