MARUDHAR KESARI JAIN COLLEGE FOR WOMEN

(AUTONOMOUS)

VANIYAMBADI, TIRUPATTUR DT – 635 751

SINCE 1994

- Recognized u/s 2(f) & 12(B) of UGC Act 1956
- Permanently Affiliated to Thiruvalluvar University
- Supported by DST - FIST | DBT STAR College Scheme

NAAC A+

* Star Rated INSTITUTIONS' INNOVATION COUNCIL (Ministry of Education Initiative)

PG & Research Department of Biochemistry

Organizes

Orientation Programme for Lab Supporting Staffs on FIRST AID & BIOSAFETY

Supported by

DBT STAR COLLEGE SCHEME

Date : 21.10.2026 | Time : 10.00 am | Venue : NB Block Room No. 9



Resource Person

Dr. M. Punithavathi

Assistant Professor

PG & ResearchDepartment of Biochemistry

MKJC (A), Vaniyambadi

Sri. V. Dilip Kumar Jain	Sri. Anand Singhvi	Dr. M. Inbavalli	Dr. M. Gomathi	Dr. R. Malarkodi
President	Secretary	Principal	DBT STAR College Coordinator	HOD

PRINCIPAL
Marudhar Kesari Jain College for Women (Autonomous)
Vaniyambadi - 635 751.
Tirupattur District

MARUDHAR KESARI JAIN

College for Women (Autonomous), Vaniyambadi

33 Years of Educational Excellence...

Activity Report

Orientation Programme for Lab Supporting Staff on "First Aid and Biosafety"

The PG & Research Department of Biochemistry, Marudhar Kesari Jain College for Women (Autonomous), Vaniyambadi, organized an Orientation Programme for Lab Supporting Staff on "**First Aid and Biosafety**" under the DBT STAR College Scheme on 21 October 2026 at 10.00 a.m. The programme was held at NB Block, Room No. 9, with the objective of improving the emergency preparedness and safety awareness of laboratory supporting staff.

The resource person was **Dr. M. Punithavathi**, Assistant Professor, PG & Research Department of Biochemistry, MKJC (Autonomous), Vaniyambadi. The session covered first-aid action plans, recognition of laboratory risks and injuries, emergency response procedures, CPR, and safe biomedical waste disposal.

Input (Objectives)

- To explain the first-aid action plan and the ABC approach: assessment, airway, breathing and circulation.
- To introduce the DRSABCD sequence for responding to an emergency and recognizing when emergency assistance is required.
- To create awareness of common laboratory risks and injuries and the importance of prompt reporting.
- To familiarize participants with emergency contact numbers and the essential contents of a first-aid kit.
- To explain immediate safety measures and first-aid precautions for fire incidents, chemical exposure, electric shock, burns, and acid or alkali injuries.
- To discuss basic CPR steps, along with the appropriate do's and don'ts during an emergency.
- To promote safe handling and disposal of biomedical waste in accordance with institutional procedures.

Process

Dr. M. Punithavathi explained the importance of following a clear first-aid action plan during laboratory emergencies. She introduced the ABC approach-Assessment, Airway, Breathing and Circulation, and explained the DRSABCD sequence as a structured guide for responding to an emergency. The session covered common laboratory risks and injuries, the need to identify hazards, ensure scene safety, seek help promptly and contact the appropriate emergency services. She explained the essential contents of a first-aid kit and the importance of keeping it accessible and checking its content regularly. First-aid precautions for fire incidents, chemical exposure, electric shock, burns, and acid or alkali injuries were discussed, with emphasis on personal safety, avoiding unsafe direct contact and obtaining urgent medical assistance where required. The resource person also outlined the basic steps of CPR and highlighted important do's and don'ts while assisting an injured person. The session concluded with an explanation of safe biomedical waste segregation and disposal, emphasizing the use of designated containers and adherence to institutional procedures. On the occasion, the programme reinforced the responsibility of laboratory supporting staff to remain alert to hazards, follow established safety protocols, communicate emergencies without delay and maintain a safe laboratory environment. Participants were encouraged to keep first-aid supplies accessible, know the relevant emergency contact numbers and follow approved procedures rather than attempting unsafe interventions.

OUTPUT

- Participants gained awareness of the ABC approach and the DRSABCD emergency response sequence.
- The session highlighted common laboratory risks and injuries and the need for prompt emergency communication.
- Participants were familiarized with emergency contact numbers and essential first-aid kit contents.
- The programme discussed first-aid precautions for fire, chemical exposure, electric shock, burns, and acid or alkali injuries.
- The resource person explained basic CPR steps and emphasized appropriate do's and don'ts during emergencies.
- Participants were made aware of safe biomedical waste segregation and disposal practices.
- The activity supports SDG 3 (Good Health and Well-being), SDG 4 (Quality Education), SDG 8 (Decent Work and Economic Growth) and SDG 12 (Responsible Consumption and Production).

Total number of internal participants: 13

OUTCOME

The programme is expected to improve the emergency preparedness and safety awareness of laboratory supporting staff and contribute to a safer laboratory environment.

- Improved understanding of the first-aid action plan, ABC approach and DRSABCD sequence.
- Greater awareness of laboratory hazards, injuries, emergency contacts and first-aid kit essentials.
- Improved awareness of immediate precautions for fire, chemical exposure, electric shock and burns.
- Better understanding of basic CPR steps and appropriate emergency do's and don'ts.
- Reinforcement of safe biomedical waste segregation and disposal practices.

27/10/2025

HOD **DBT Star -Coordinator** **IQAC Director** **Principal**

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MARUDHAR KESARI JAIN

College for Women (Autonomous), Vaniyambadi

33 Years of Educational Excellence...

Topic : **First Aid & Bio safety**

Supported by DBT STAR College Programme

Date : 21.10.2026

Organized by : PG and Research Department of Biochemistry

Venue : NB Block Room No 9





Principal

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