

Mount Carmel College, Autonomous, Bengaluru
Department of Chemistry

ENHANCEMENT ACTIVITIES: Celebrating birth anniversary of Asima Chatterjee, first Indian women scientist.

DATE OF EVENT: 23/09/22

TITLE OF EVENT: “Evaluating Ayurvedic knowledge through Modern Tools & Technologies”

NO OF STUDENTS/STAFF: 380 students and teaching staff

SUMMARY OF EVENT: As part of student enrichment program, the Department of Chemistry organized a program for the students of UG and PG Chemistry. The guest speaker Dr. Beena Bhat, Executive Vice President-Research, Sami-Sabinsa Group, Bengaluru, discussed the latest tools & technologies used to extract phytochemicals that are pharmacologically important. During her lecture, she explained how research-driven or market-driven products are developed. Moreover, her presentation helped students understand how important chemistry is in drug discovery. Responses were overwhelmingly positive.

Mount Carmel College, Autonomous, Bengaluru
Department of Chemistry
Celebrates
Birth anniversary of
Asima Chatterjee
First Indian women scientist

Guest speaker
Dr. Beena Bhat
Executive Vice President (Research)
Sami-Sabinsa Group, Bengaluru.

Topic:
**“Evaluating Ayurvedic Knowledge through
Modern Tools & Technologies”**

10- 11 am
on
23rd September
2022

Venue: DJB

Event Co-ordinators:
Ms. N. Bhagyalakshmi
Dr. K. C. Mahesh
Dr. N. S. Kaviyarasi



GPS Map Camera

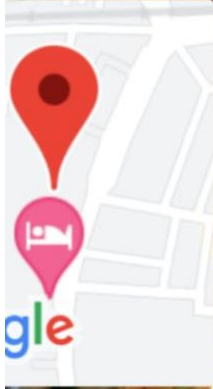
Bengaluru, Karnataka, India

Mount Carmel College Mount Carmel School, MOUNT
CARMEL COLLEGE, Abshot Layout, Vasanth Nagar,
Bengaluru, Karnataka 560051, India

Lat 12.993205°

Long 77.588379°

23/09/22 10:07 AM GMT +05:30





Extraction

➤ Sample preparation

- Drying (Air drying in shade, hot air drying, sun drying...)
- Grinding (to a particular mesh size)

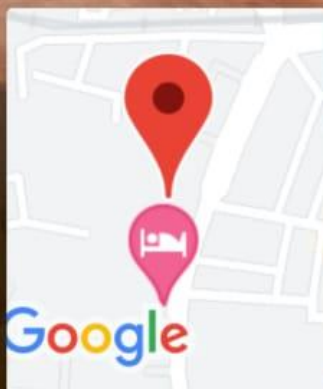
➤ Extraction techniques

- Cold extraction (Maceration, percolation...)
- Hot extraction (Decoction, Soxhlet etc...)
- SCFE

Ethyl acetate, Acetone etc.



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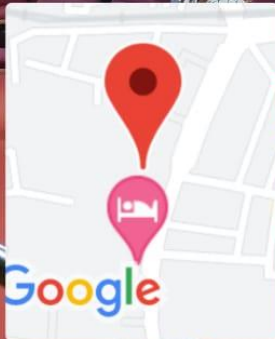
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560051, India

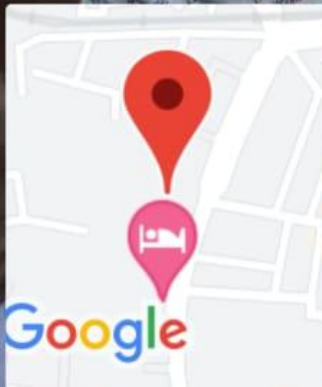
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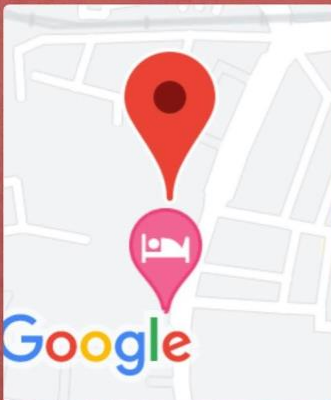
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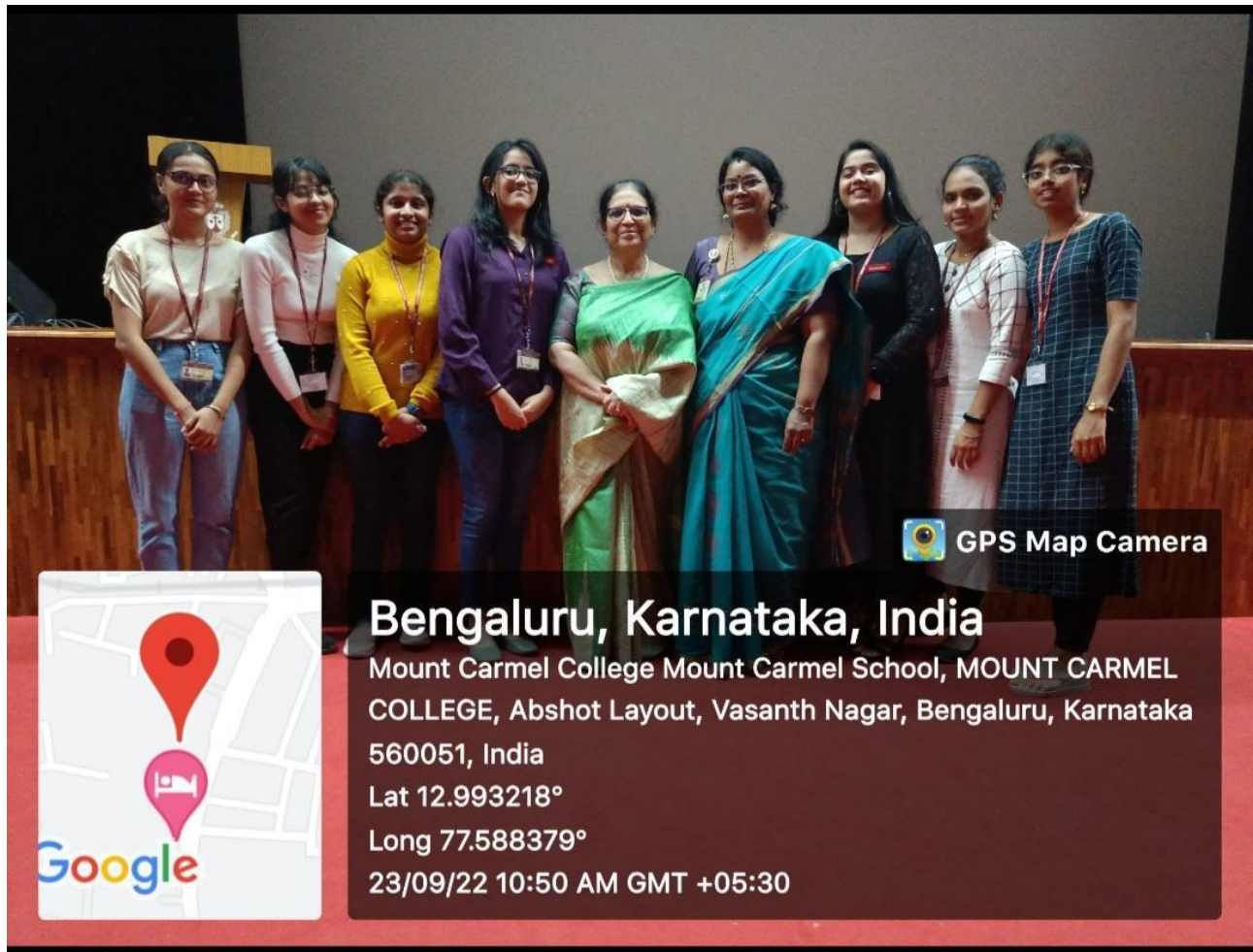


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Lat 12.993207°

Long 77.588387°

23/09/22 10:33 AM GMT +05:30



Event coordinator: Dr. N. S. Kaviyarasi

Student Secretaries: Shriya T, Aliya Fathima and Core team members