

S.I.E.S College of Arts, Science and Commerce (Autonomous)

Sion West, Mumbai – 400022

Laboratory Visit

Title: Visit to the Advanced Centre for Treatment, Research and Education in Cancer (ACTREC)

Objective: Student exposure to Cancer research

Resource Person: Dr.Satish Munnolli, ACTREC

Date, Time & Venue: 30.11.2023, 9.30 am to 1 pm. ACTREC, Kharghar (Navi Mumbai).

Report: The visit to ACTREC was scheduled on 30.11.2023. The students were given a brief introduction to cancer research. Students were allowed to interact with research scholars and they discussed the scope of cancer research.

The students visited different laboratories such as Bio repository, Cytogenetics, Flowcytometer, Histopathology and Animal house. Samples from patients were preserved to study the tumor markers, cell proliferation patterns, genetic markers, chromosomal aberrations, etc. Techniques such as HPLC, flowcytometry and Fluorescent In-situ Hybridization (FISH) were demonstrated. The students were explained about the entire process of cancer detection and the role of modern medicine to find its cure.

This visit was primarily for the students of T.Y.B.Sc. and MSc. students as it is included in the syllabus, further enriching their learning experience. This experience proved fruitful to the students as it introduced the scope for research in cancer biology.

The students were accompanied by Dr. Lynn D'Lima, Assistant Professor.

Number of Attendees: 10

Outcome: Student exposure to cancer research


 8/12/2023

Dr. Pramod Ghogare

Head,

Department of Microbiology
HEAD OF THE DEPARTMENT OF MICRO-BIOLOGY
S.I.E.S. COLLEGE OF ARTS, SCIENCE & COMMERCE
SION (WEST), MUMBAI - 400 022.




Principal
SIES College of Arts, Science &
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Sion (West), Mumbai - 400 022.



टाटा स्मारक केंद्र

TATA MEMORIAL CENTRE 41971

कैंसर उपचार, अनुसंधान एवं शिक्षा का प्रगत केंद्र
ADVANCED CENTRE FOR TREATMENT RESEARCH
& EDUCATION IN CANCER

प.ऊ.वि. भारत सरकार का एक सहायता अनुदान प्राप्त संस्थान

A GRANT-IN-AID INSTITUTE OF THE DEPARTMENT OF ATOMIC ENERGY, GOVT. OF INDIA

कैंसर अनुसंधान संस्थान
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कैंसर एपिडिमियोलॉजी केंद्र
CENTRE FOR CANCER EPIDEMIOLOGY

No. OpenDay / 7694 / 2023

20th October 2023

Invitation for ACTREC's Open Day – Nov 30 & Dec 1, 2023

Dear HOD / Senior Faculty,

Advanced Centre for Treatment, Research, and Education in Cancer (ACTREC), established in 2001, serves as the distinguished research and development arm of the Tata Memorial Centre (TMC), situated in Kharghar, Navi Mumbai. ACTREC is wholly committed to the exploration and advancement of cancer research, with an emphasis on both fundamental and translational aspects of research.

The Center is organized into three pivotal units: a) Cancer Research Institute (CRI) whose primary focus lies on delivering a comprehensive doctoral program that attracts bright young minds from all corners of India. The institute accommodates a diverse spectrum of researchers, including post-doctoral fellows, summer trainees, as well as short and long-term trainees and interns. B) Clinical Research Centre (CRC) where our esteemed oncologists not only provide crucial clinical services to patients battling cancer but are also actively engaged in research activities and clinical trials, with a particular emphasis on addressing the distinctive requirements of cancer patients in India. C) The Cancer Centre for Epidemiology (CCE) is dedicated to studying the epidemiology of cancer in India. This involves comprehensive documentation of risk factors associated with cancer such as lifestyle choices, environmental factors, and genetic predispositions.

Collectively, these three units collaborate on various research initiatives, with the overarching goal of enhancing our understanding of cancer as a complex syndrome while striving to develop strategies that enhance the long-term survival rates of cancer patients.

ACTREC also has a mandate for education. As part of our commitment to fostering a culture of research and education in the field of cancer, ACTREC hosts an annual "Open Day" event for college students. This event provides a unique platform for students in their Bachelor's programs or pursuing Master's degrees, to experience first-hand experience of the ongoing research activities within our institution, interact with researchers, and observe unique research techniques.

For ACTREC Open Day - November 30 and December 1, 2023:

Participation Criteria: 15 students from the third year of Bachelor's degree programs or pursuing Master's degrees with one faculty member with the following details: (a) College and department (b) Name and mobile number of HOD / Principal and accompanying faculty member (c) List of students [*format attached]

Deadline for official confirmation: Tuesday, November 15, 2023

Confirmation Email: scope@actrec.gov.in & stenopool@actrec.gov.in

During the last week of November 2023, this year's open-day demonstration details will be uploaded on the ACTREC website and the schedule will be informed to selected colleges by email. We believe that your participation will not only offer a unique learning opportunity for the students but also foster a spirit of collaboration and innovation in the vital field of cancer research.

With warm regards,

DR. PRASANNA VENKATRAMAN
DEPUTY DIRECTOR CRI, ACTREC

सेक्टर २२, खारघर,
नवी मुंबई - ४१० २१०. भारत.
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+९१-२२-६८७३ ५०००
फैक्स : +९१-२२-२७४० ५०८५

जल्द इलाज होने पर कैंसर ठीक हो सकता है ।
Cancer is curable, if detected early.

E-mail : mail@actrec.gov.in
Website: www.actrec.gov.in

Sector 22, Kharghar
Navi Mumbai - 410 210. INDIA
Phone : +91-22-2740 5000
+91-22-6873 5000
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November 28, 2023

ACTREC's Open Day 2023: Thursday 30th November and Friday 1st December 2023

Dear HOD/ Faculty,

Thank you for your interest in participating in ACTREC's Open Day 2023. We are pleased to include your College in the schedule of visits.

Details of your College's visit to ACTREC

Batch A: Thu. 30th November 2023, morning session (Reach ACTREC by 9.35 am; the visit will end by 1.00 pm)

A1	Jai Hind College	Microbiology (10 +1)
A2	Jai Hind College	Life Science (16+1)
A3	SIES College	Biotechnology (10+1) + Biochemistry (5+1)
A4	SIES College	Microbiology (10+1) + Biochemistry (6)
A5	Ruia College	Biochemistry (15+1)
A6	Ruia College	Microbiology (15+1)
A7	Kirti M. Doongursee College	Zoology (6+1)
A7	MD College	Zoology (4+1)
A8	CHM College	Biotechnology (20+1)
A9	N B Mehta College	Biotechnology (15+1)
A10	Wilson College	Microbiology (15+1)

- **Entry into ACTREC:** Please enter the ACTREC campus together as a group, wearing your college identity cards. Carry a printout of this email. Proceed directly to the Poster display near KS Auditorium.
- **Refreshments:** Students and faculty are advised to carry drinking water with them. Refreshments will be available on the payment basis at the Visitors Canteen (open door outside Paymaster Shodhika).

Details about the Open Day 2023 lab demonstrations will be uploaded on the ACTREC website shortly.

Please confirm about your visit and participation by replying to this email. For any clarifications, please revert. In case you plan to cancel your visit for any reasons, please intimate us immediately to accommodate other colleges, which are on wait list.

Thanks and Regards,

Satish Munnolli, PhD

**SIES COLLEGE OF ARTS SCIENCE AND COMMERCE (AUTONOMOUS),
SION (W), MUMBAI 400 022**

Department of Microbiology

<p>College Name: S.I.E.S College of Arts, Science & Commerce (Autonomous)</p> <p>Department Name: Microbiology</p> <p>HOD Name: Dr. Pramod Ghogare</p> <p>HOD Email: pramodg@sies.edu.in</p> <p>HOD Landline: -9594979747</p>	<p><u>Accompanying Faculty</u></p> <p>Name: Dr. Lynn D'Lima</p> <p>Email: <u>lynnd@sies.edu.in</u> <i>Lynn</i></p> <p>Mobile: 9833340148</p>
<p><u>Students' list – B.Sc. 3rd year or M.Sc./ MBBS/ MPharm</u></p>	
<p>1. Siddhesh Gaonkar (MSc,II) <i>Siddhesh</i></p> <p>2. Ekta Jaiswal (MSc, II) <i>Ekta</i></p> <p>3. Pratiksha Salian (MSc, II) <i>Pratiksha</i></p> <p>4. Deepa Yadav (MSc, II) <i>Deepa</i></p> <p>5. Anjum Ansari (MSc, II) <i>Anjum</i></p>	<p>6. Falak Syed (B.Sc. 3rd year) <i>Falak</i></p> <p>7. Tiyyasa Dasgupta (B.Sc. 3rd year) <i>Tiyyasa</i></p> <p>8. Nimisha Sureshkumar (B.Sc. 3rd year) <i>Nimisha</i></p> <p>9. Vasagi Kartivel (B.Sc. 3rd year) <i>Vasagi</i></p> <p>10. Sakshi Sawant (B.Sc. 3rd year) <i>Sakshi</i></p>



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RESEARCH & EDUCATION IN CANCER



 **GPS Map Camera**



Navi Mumbai, Maharashtra, India
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