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Fwd: Invitation-ACTREC Open Da

joya gonsalves <joya.gonsalves@avc.ac.in> to me

----- Forwarded message -----

From: **Kanika Bhargava** <kanika.bhargava@avc.ac.in>
Date: Mon, Nov 14, 2022, 11:49 AM
Subject: Fwd: Invitation-ACTREC Open Day 2022-Dec 1-2,
To: <joya.gonsalves@avc.ac.in>

----- Forwarded message -----

From: **Shobha Gupta** <shobha.gupta76@gmail.com>
Date: Wed, Nov 9, 2022, 12:20 PM
Subject: Fwd: Invitation-ACTREC Open Day 2022-Dec 1-2, 2
To: <kanika.bhargava@avc.ac.in>

----- Forwarded message -----

From: **Ojaswini Upasani** <oupasani@actrec.gov.in>
Date: Mon, Nov 7, 2022, 17:45
Subject: Invitation-ACTREC Open Day 2022-Dec 1-2, 2022

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From: **Ojaswini Upasani** <oupasani@actrec.gov.in>

Date: Mon, Nov 7, 2022, 17:45

Subject: Invitation-ACTREC Open Day 2022-Dec 1-2, 2022

To: Scope <scope@actrec.gov.in>, <stenopool@actrec.gov.in>

ADVANCED CENT

Dear Principal/ HOD/ Sr. Faculty,

Attached to this email please find an official invitation from Dr. **2nd December 2022**. Please confirm your participation by rep. Also send the requisite details by **15th November 2022** in the **November 2022**. Student names can be sent up to **21st Novem**

Thanks and regards,

Dr. Satish Munnolli

Requisite Details:

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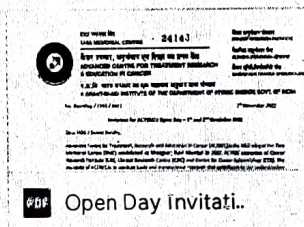
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Labels

1 Name (Class, Yr)	6 Name (Class, Yr)
2 Name (Class, Yr)	7 Name (Class, Yr)
3 Name (Class, Yr)	8 Name (Class, Yr)
4 Name (Class, Yr)	9 Name (Class, Yr)
5 Name (Class, Yr)	10 Name (Class, Yr)

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TATA MEMORIAL CENTRE

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कैंसर अनुसंधान संस्थान
CANCER RESEARCH INSTITUTE

नैदानिक अनुसंधान केंद्र
CLINICAL RESEARCH CENTRE

कैंसर एपिडिमियोलॉजी केंद्र
CENTRE FOR CANCER EPIDEMIOLOGY

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

No. OpenDay / 7355 / 2022

7th November 2022

Invitation for ACTREC's Open Day - 1st and 2nd December 2022

Dear HOD / Senior Faculty,

Advanced Centre for Treatment, Research and Education in Cancer (ACTREC) is the R&D wing of the Tata Memorial Centre (TMC) established at Kharghar, Navi Mumbai in 2002. ACTREC comprises of Cancer Research Institute (CRI), Clinical Research Centre (CRC) and Centre for Cancer Epidemiology (CCE). The mandate of ACTREC is to conduct basic and translational research that contributes to our understanding of cancer as a disease and use this knowledge to manage the disease and ultimately find a cure.

The Centre's unique strength and attraction is research in Cancer. The academic endeavours at CRI, primarily a doctoral program, attracts young talent from all over India. Along with this, the research undertaken in various laboratories contribute by post-doctoral fellows, summer trainees, short and long term trainees and interns. Oncologists at CRC provide excellent service to the Cancer patients. They are also actively involved in research activities and clinical trials which keep in mind the unique requirements of the cancer patients in India. CCE is the rejuvenated epidemiology centre excels in studies involving cancer burden in India, identifying risk factors related to life style and genetics.

One of the mandate of ACTREC is education. Every year, ACTREC hosts an Open Day event for two days in November/ December for college students who aspire to become a researcher. It is an opportunity for the students to get an exposure and experience the LIVE research laboratories of the Centre. Visiting students will get a chance to interact with researchers, observe few unique techniques in the research environment.

We are pleased to invite you to participate in ACTREC Open Day which is going to be held between 1st and 2nd of December 2022.


In the Open Day, we allow 15 students who are in their Bachelor's (year 3) or Master's degree program of the college. They must be accompanied by one faculty member. Confirm your participation of ACTREC Open Day at the earliest (no later than Tuesday, 15th November 2022) to scope@actrec.gov.in; stenopool@actrec.gov.in; mentioning: (a) College and department, (b) name and mobile number of the accompanying faculty, and (c) names of 15 students and their class and year. [*Format attached]. Upon receiving this information, the date and time of your visit and other details will be communicated to you in the last week of November 2022.

Details about this year's demonstrations will be uploaded on website and will be informed soon.

We look forward to your active participation in the ACTREC Open Day programme.

With warm regards,


DR. PRASANNA VENKATRAMAN
DEPUTY DIRECTOR CRI, ACTREC


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सेक्टर २२, खारघार,
नवी मुंबई - ४१० २१० - भारत.

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

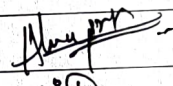


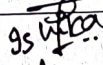
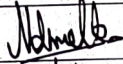

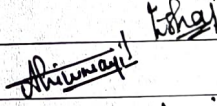
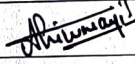
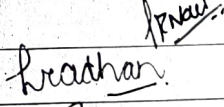
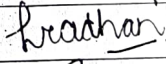
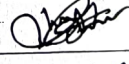
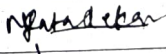
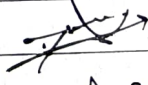
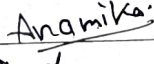
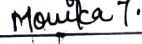
Sector 22, Kharghar
Navi Mumbai - 410 210, INDIA



* Consent letter *

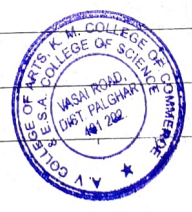
As per official notice provided by the Department of Biotechnology for the field visit at ACRKE [The Advanced Center for Treatment, Research and Education in Cancer]. We fully understand what is involved in this field trip and we understand that we have opportunity to call teachers or the directors and ask him/her about the field trip.

We give our consent to be present at the ACRKE visit under the guidance of Professors of Department of Biotechnology. The following students will attend the visit:

	Names	Signature
1.)	Alva Prithvi Harish	
2.)	Cementwala Afab Quaidsher	
3.)	Dalvi Fahil Arvind	
4.)	Devadiga Ashika Padmanand	
5.)	Dmello Melijpa Mopes	
6.)	Ghutekar Chirag Manuti	
7.)	Jaiswal Kaha Sanjay	
8.)	Mamulkar Chinmayi Sandeep	
9.)	Nair Saranya K. Muthundan	
10.)	Prachan Kaha Sunil	
11.)	Satom Phruya Santosh	
12.)	Satardekar Mandini Krishnamathi	
13.)	Singh Dhruv Anur Kumar	
14.)	Yadav Anamika Dayashankar	
15.)	Yadav Monika Ramprasad	

Yours Sincerely,
 Students of
 Biotechnology

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10/11/22

T.Y.BICTECH 22-23

1	2127037	ALVA PRITHVI HARISH	✓	<i>Alva</i>
2	2134249	SHAGUFA BANO RAEES AHMAD		
3	2273995	BHARTI KAMAXHI SANJAY		
4	1894867	CEMENTWALA AJAB QUAIJOHER	✓	<i>Ajab</i>
5	2203326	CHAVAN YASH HEMANT		
6	1893847	DALVI SAHIL ARVIND	✓	<i>Sahil</i>
7	1929471	DEVADIGA ISHIKA SADANAND	✓	<i>Ishika</i>
8	1891566	DMELLO MELISSA MOSES	✓	<i>Melissa</i>
9	1889908	GHUTUKADE CHIRAG MARUTI	✓	<i>Chirag</i>
10	2204120	GUPTA SHIVANI SANTOSH		<i>Shivani</i>
11	1896960	JAISWAL ESHA SANJAY	✓	<i>Esha</i>
12	1945994	JAISWAL KUSUM BABULAL		<i>Kusum</i>
13	1890401	JASNAK ABDULLAH ABDUL QADIR	✓	
14	1995091	KUSHWAHA ANURADHA PRADEEP		<i>Anuradha</i>
15	1900690	KUSHWAHA POOJA RAMSARIKHA		<i>Pooja</i>
16	2069761	MANDKULKAR CHINMAYI SANDEEP	✓	<i>Chinmayi</i>
17	2239234	MISHRA RICHA VIRENDRA		
18	1891723	NAIR SARANYA K MUKUNDAN	✓	<i>Saranya</i>
19	1891283	PATIL DEVIKA PRAKASH		
20	2121332	PRADHAN LISHA SUNIL	✓	<i>Lisha</i>
21	2067525	PRAJAPATI VARSHA PRADEEP		<i>Varsha</i>
22	2260860	PUJARI SAPANA MAHESH		
23	1893085	SATAM SHREYA SANTOSH	✓	<i>Shreya</i>
24	2110342	SATARDEKAR NANDINI KRISHNANATH	✓	<i>Nandini</i>
25	1927855	SHARMA ROSHNI GHANSHYAM		
26	1926328	SINGH ANKUSH MANOJKUMAR		
27	2056351	SINGH DHRUV ARUN KUMAR	✓	<i>Dhruv</i>
28	2253807	GYED ARFA NAZSALAUDDIN		
29	1891654	TAMBE AASHNA MANGESH		
30		VINERKAR JYOTI JANARDAN		
31	2032115	YADAV ANAMIKA DAYASHANKAR	✓	<i>Anamika</i>
32	1994111	YADAV ASHWINI RAMGULAM	✓	
33	2002564	YADAV MONIKA RAMSAVAD	✓	<i>Monika</i>

Hwa

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RULES AND UNDERTAKING FOR EDUCATIONAL TOUR

The college proposes to conduct a one-day visit to ACTREC for T.Y.B.Sc (Biotechnology) students on the 2nd December, 2022 in keeping their curriculum as required by the University of Mumbai.

Place: Khar ghar, Navi Mumbai

RULES

1. The students shall be completely responsible for his/her conduct during the tour. Any misbehavior or breach of discipline during the tour shall result into instant expulsion of the student.
2. The students shall report by or at 6:15 am sharp, at Vasai Road Railway Station on 2nd December, 2022. All students will board 6:55 am Dahanu-Parvel Memo from Vasai Road Station together.
3. The students shall wear formal outfits with his/her college ID card during the tour.
4. The students shall obtain due permission from the college to carry any property of valuables with him/her during the tour. The security of such property/valuables shall be the responsibility of the student.
5. The expenses of arranging for the tour, transportation, breakfast and lunch shall be borne by the student.
6. The students shall set a good example by his/her conduct and maintain the dignity and respect of the institution he/she represents, viz. Vidyavardhini's Vartak College.
7. Once the tour is over, the whereabouts of the student shall not be the responsibility of the college.
8. The college accepts responsibility only for arranging the educational tour and nothing beyond.
9. The students shall duly inform his/her parents about the educational tour and the above mentioned rules regarding the visit. The student shall also obtain the confirmation of his/her parents about the rules stated above.

UNDERTAKING

I have read the above mentioned rules and promise to abide by the same in word and spirit

STUDENT'S NAME :

STUDENT'S SIGNATURE:

STUDENT'S CONTACT NO.

I/We confirm the above rules and undertaking

SIGNATURE PARENT/GUARDIAN:


NAME:

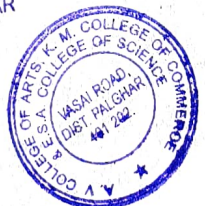
DATE:

PARENT'S CONTACT NUMBER:

CLASS:

ROLL NO:


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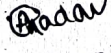
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STUDENT'S NAME : ASHWINI YADAV

STUDENT'S SIGNATURE: 

STUDENT'S CONTACT NO. 7620858726

I/We confirm the above rules and undertaking

SIGNATURE PARENT/GUARDIAN:


NAME: VINHYAPATI YADAV 

DATE: 30/11/22

PARENT'S CONTACT NUMBER: 9892456145

CLASS: TY BIOTECHNOLOGY

ROLL NO: 28


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UNDERTAKING

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STUDENT'S NAME: LISHA PRADHAN

STUDENT'S SIGNATURE: *Lisha Pradhan*

STUDENT'S CONTACT NO. 7083884932

I/We confirm the above rules and undertaking

SIGNATURE PARENT/GUARDIAN: *Jharana S Pradhan*

NAME: JHARANA S PRADHAN

DATE: 20/12/22

PARENT'S CONTACT NUMBER: 9881825164

CLASS: TYBT

ROLL NO:

[Signature]
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ACTREC Visit

An open day was organized by ACTREC (The Advanced Center for Treatment Research and Education), Kharghar in Navi Mumbai, Maharashtra. It was conducted on 1st and 2nd December 2002. In these two days around 500 students paid a visit to the institution; 15 students each from one college. Students mostly from science background were eligible for the visit.

Similarly, final year BSC Biotechnology students from Annasaheb Vartak College (AVC), Vasai; visited the faculty under the guidance of Professor Joya Gonsalves. They attended the open day on 2nd December at morning batch (9:35am to 1:05 pm). Students travelled together via Dahanu – Panvel Memu. They started their journey via train at Virar station (from 6:30 am) and reached Taloja station (at 8:30 am). From there within 20 min the students and the Professor reached the institute by taxi.

They were allowed entry at 9:15 am; where students saw the magnificent buildings and the plantation around it. At 9:35 they were allowed entry, where the faculty warmly welcomed the visitors. First the students from various institutes were advised to go through the posters which gave a brief idea about the cancer and its treatment. Later, they were called in auditorium where the instructor gave a gist of the research carried out at ACTREC and its values. Later, each group was assigned with a PhD student who guided the visitors throughout the campus. Mr. Gaurav guided students from AVC.


Firstly, they went to Muiti – Omics Lab, where Dr. Rukmini Govekar gave a demonstration on their research which was based on the treatment of chronic myeloid leukaemia (CML). There she explained how they are using reciprocal chromosomal translocation between chromosome 9 and 22 to successfully treat CML. They also demonstrated different variations of Blotting techniques.

Secondly, Dr. Shagufa demonstrated her research on curing 'Breast Cancer'. Her work on Triple negative breast cancer (TNBC) where chemotherapy is the last option, she has developed techniques to solve it.

Then, under the assistance of Dr. Vivek Bhat there was a demonstration of blood culture system called BacT/ALERT 3D. Where using CO₂ sensors they did a comparative analysis of initial and final (accelerated) sample. Rate of CO₂ production is directly proportional to number of microbes in the sample.

Dr. Preeti Chavan demonstrated electrophoresed sample in Composite Lab. It was a protein sample. She told such techniques are used to find any abnormalities at the molecular level. Such techniques are used in diagnosis of cirrhosis, renal failure, etc.




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In Laboratory Animal models; Dr. Arvind Ingle very enthusiastically explained various kinds of mice and guinea pigs used for cancer research. he also gave a brief idea about the knockout techniques of different genes to get the desired result.

Dr. Ashok Verma explained variety of techniques used in Macromolecular Crystallography for analysing the crystal structure of proteins. He stated in order to understand the function of biological system this field of science has tremendous contribution.

In Animal imaging facility, Dr. Pradip Chaudhari explained the precaution while dealing with radioactivity while using such high-resolution imaging technology. He explained about Positron emission tomography and Ultrasound use in diagnosing and monitoring cancer cells at an early stage.


Lastly, Dr. Pradnya Kowtal from sequencing department gave an idea about Automated Sanger's DNA sequencing; where ddNTP, dNTP, DNA polymerase and radioactive phosphor were used to know the nucleotide sequence of any DNA.

Finally, the students saw the Cancer hospital and left for Vasai at 2:30 pm and reached vasai station at 5pm with certainly a broad idea about oncology.



Jaya Gonsalus




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