



**Sonopant Dandekar Shikshan Mandali's  
Sonopant Dandekar Arts, V.S. Apte Commerce  
and M.H. Mehta Science College, Palghar**

**Name of the activity: Exhibition on Realms Of  
Biotechnology**

**Place of the activity: Late Devideen Tewari  
Auditorium,**

**Prepared by:  
Department of Biotechnology**

From:- Shilpa M. Gharat  
Head of Dept. of Biotechnology,  
Sonopant Dandekar College,  
Palghar  
Date:23/07/2018

To,  
The Principal,  
S.D.S.M. College,  
Palghar.

Subject: Permission for arranging an exhibition on '**NEW  
TRENDS AND INNOVATIONS IN BIOTECHNOLOGY**'.

Respected Sir,

With the advent and flourish in the field of technology, there has been a huge development in the opportunities for specialization in various fields in Biotechnology at and after graduate level. This is an attempt to introduce the students to these new avenues available in our college in the Subject of Biotechnology. For the same, we request you to grant us permission to arrange an exhibition on new trends and innovations in biotechnology for students of various schools and colleges in the first week of September.

The approximate cost that will be incurred to set up all the experiments and models will come up to Rs. 40,000/-.

Awaiting your favourable reply.

Thanking you,

Yours faithfully,

*Shilpa P*

Dr. Shilpa Gharat

*Agreed for the  
exhibition with cap of  
₹ 40,000/- budget*

*Henry  
28/7/18*  
*Kalyan  
31/8/18*



Sonopant Dandekar Shikshan Mandali's

**SONOPANT DANDEKAR ARTS, V.S. APTE COMMERCE AND  
M.H. MEHTA SCIENCE COLLEGE, PALGHAR**

Palghar, Dist. – Palghar, Pin – 401 404, E – Mail: sdscollege@yahoo.com

**30<sup>th</sup> July, 2018**

## **NOTICE**

The Department of Biotechnology has organized a Two Days Exhibition on “Realms of Biotechnology” for its students. The exhibition aims to spread awareness among the students about various fields of Biotechnology.

The Exhibition is organized on **21<sup>st</sup> and 22<sup>nd</sup> September, 2018**. We strongly encourage you to participate and showcase your talent in this exhibition.

**Dr. Shilpa M. Gharat**  
Head, Dept. of Biotechnology

**Department of Biotechnology**  
**EVENT REPORT**

**Name of the Event - Exhibition on Realms Of Biotechnology**

**Date - 21<sup>st</sup> and 22<sup>nd</sup> of September 2018**

**Time - 10.00 am to 4.00 pm**

**No. of Students Participated – around 1000**

**Aim-** To spread awareness among the students about various fields of Biotechnology.

**Event Objectives –**

- To create awareness among the school students about the new opportunities in the field of biotechnology.
- To showcase the creative talent of the students and force them to think outside of the box.
- To engage students in learning new facts and inventions with a zeal of interest.
- To portray the growth of the biotechnology sector and its applications in industry and human welfare, with a view to develop scientific attitude and temper amongst the people.

**Learning Outcomes –**

- An exhibition is a wonderful tool that engages students in learning new facts and develops curiosity to learn more.
- This exhibition provides a platform for the students to use their scientific knowledge and bring the best from their brains.
- It also allows students to work together in groups and learn from each other.
- Students will share their ideas and collectively galvanize those ideas to bring something innovative into implementation.
- Visitors from different schools and colleges will enjoy learning through working models and experiments prepared by biotechnology students.

**Post Event Report–**

Department of Biotechnology organized a 2 day exhibition on Realms Of Biotechnology on 21<sup>st</sup> and 22<sup>nd</sup> of September 2018. Students from the biotechnology department have prepared and presented various working models and experiments related to all the aspects of biotechnology under the guidance of teachers from the Biotechnology department.

Students have prepared models of Cell, DNA, Fermentor, Tissue culture lab, Recombinant DNA technology etc. and demonstrated experiments such as blood grouping, detection of food adulterants, isolation of microorganisms etc. Students have also prepared charts and models to explain recent applications of biotechnology in forensic science, bioinformatics and research.

Around 1000 students visited this exhibition from all over Palghar district. The exhibition was organized so as to spread awareness among the students about the emerging field of science i.e. BIOTECHNOLOGY.



**Dr. Shilpa M. Gharat**  
Head, Dept. of Biotechnology

**Brochure of the Exhibition:**

**Advisory Committee**

**President**  
Late B.S. Tiwari

**Vice-President**  
Smt. Chandrakant N. Dandekar

**Vice-President**  
Shri. Sunil G. Chitre

**Treasurer**  
Shri. Hitendra D. Shah

**Secretary**  
Prof. Ashok R. Thakur

**Secretary**  
Shri. Atul K. Dandekar

**Joint Secretary**  
Shri. Jayant V. Dandekar

**Principal**  
Dr. Kiran J. Save

**Convenor**  
Dr. Shilpa M. Gharat

**Organizing committee**  
Dr. Harshad S. Vanmali  
Prof. Shailaja P. Palan  
Prof. Runali P. Raut  
Prof. Apurva H. Save  
Prof. Shagufta I. Kazmi  
Prof. Ishwari N. Mehta  
Prof. Niyati S. Tiwari

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Pin 401404.

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**50**  
ANNIVERSARY  
CREATING FUTURE

**S.D. ARIES V.S. APTE COMMERCE,  
MULMEHTA SCIENCE COLLEGE, PALGHAR.**

**DEPARTMENT OF BIOTECHNOLOGY**

**IS ORGANIZING  
AN EXHIBITION ON  
"REALMS OF BIOTECHNOLOGY"**

**On the 21<sup>st</sup> and 22<sup>nd</sup> of September 2018.**

**: Venue :**

<b>Inaugural Function</b> on 21 <sup>st</sup> of September, 2018 At 10.00 a.m. -:Venue:- Late Ganesh Nilkanth Dandekar Seminar Hall Auditorium	<b>Exhibition Venue</b> Late Devidcen Tewari Auditorium Time 10 a.m. to 4 p.m
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**We are cordially inviting you for the inaugural function and thereafter for the exhibition. Do come with your students to explore and unravel the different avenues of Biotechnology**

### About The College

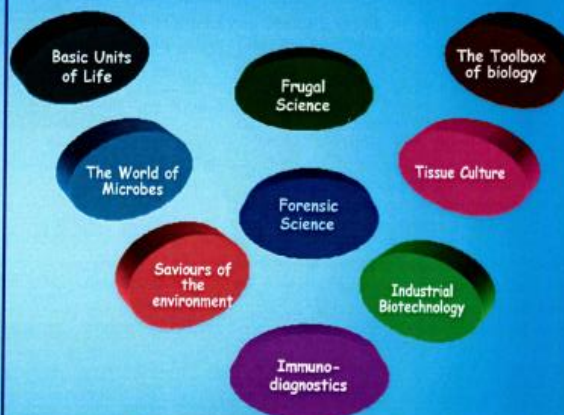
The Sonopant Dandekar Shikshan Mandali was brought into existence in August 1968 to commemorate the late Principal Sonopant Dandekar. The college campus extends over nearly 21 acres. Besides regular academic schedule as prescribed by The University of Mumbai, the college puts emphasis on development of student's personality, their critical ability & work ethics so as to enable students to empower themselves into the fast changing competitive world. Along with regular graduate courses in the faculty of Arts, Commerce, Science, Management and Law, the college also provides the facility of computer education, varied short term courses, courses of open university & thus works towards the development of people in and around Palghar District.

### About the Department

Shri. Dahyabhai Amritlal Shah Institute of bio-technology was established in 2005. Our department aims to impart quality education in the field of biotechnology at par with industrial standards and to nurture the spirit of innovation and creativity in students. We aim to produce biotechnology graduates with conceptual as well as application based understanding. Faculties of the department are working continuously towards the enhancement of students in terms of knowledge and skills to be upfront with industries, to develop entrepreneurs and to cater the needs of the nation.

### ABOUT THE EXHIBITION

With the advent of newer avenues in the field of science and more specifically the introduction of the recent advances in biotechnology in secondary and higher secondary school education, we are arranging this exhibition so as to enable the student with a better grasp and understanding of the subject through a practical approach in the following areas:



### Objectives of the Exhibition

- Introduction to basics of biotechnology
- Interactive Learning through practicals
- Biotechnology Topics related to Higher Secondary Students
- Exposure to applications of Biotechnology
- Simplified Explanation of the subject

**Photographs of the workshop:**



Management Authorities, Principal and Faculties of SDSM, Palghar at the Exhibition on Realms of Biotechnology







## News Coverage of our Exhibition:

# दांडेकर कॉलेजमध्ये जैवतंत्रज्ञान प्रदर्शन

म. टा. वृत्तसेवा, पालघर

पालघरच्या सोनोपंत दांडेकर महाविद्यालयातील डाह्याभाई अमृतलाल शाह जैवतंत्रज्ञान विभागाने 'जैवतंत्रज्ञानाचे विश्व' (Realms of Biotechnology) या विषयावर आधारित दोन दिवसांचे प्रदर्शन दि. २१ व २२ सप्टेंबर रोजी आयोजित केले होते. प्रदर्शनाचे उद्घाटन संस्थेचे सचिव प्रा.

अशोक ठाकूर यांच्या हस्ते करण्यात आले. महाविद्यालयातील जैवतंत्रज्ञान विषयाच्या विद्यार्थ्यांनी प्रदर्शनात विविध प्रयोगांचे सादरीकरण केले.

जैवतंत्रज्ञानाची उपयुक्तता, नवे प्रवाह, विविध शाखा, संशोधन आणि नोकरीच्या संधी याची माहिती प्रदर्शनात मांडण्यात आली होती. जैवतंत्रज्ञान विद्यार्थ्यांना या क्षेत्रातील विविध संधीची नेमकी ओळख व्हावी या हेतूने हे प्रदर्शन भरविण्यात



आले असल्याच उद्देश आयोजक, विभाग प्रमुख डॉ. शिल्पा घरत यांनी विशद केला. जैवतंत्रज्ञानाचा वापर आपण फार पूर्वीपासून कशाप्रकारे करत आलो आहोत, या संदर्भात त्यांनी विद्यार्थ्यांना मार्गदर्शन केले.

या प्रसंगी संस्थेचे कोषाध्यक्ष हितेंद्र शाह, यांनी विद्यार्थ्यांना चाकोरीबाहेरील विचार करून अशा प्रकारचे अधिकाधिक उपक्रम राबविण्यास सांगितले. यावेळी संस्थेचे सचिव, अतुल दांडेकर, कनिष्ठ महाविद्यालय समितीचे प्रमुख धनेश वर्तक, संस्थेचे सदस्य सुधीर दांडेकर, अमिता राऊत, धराधर पाटील आणि महाविद्यालयाचे प्राचार्य डॉ. किरण सावे आदी उपस्थित होते. संस्थेचे अध्यक्ष अॅड. जी. डी. तिवारी यांनी प्रदर्शनास भेट दिली. प्रदर्शनाचे यशस्वीपणे आयोजन करण्याकरिता डॉ. हर्षद वनमाळी, प्रा. शैलजा पालन, प्रा. रुणाली राऊत, प्रा. अपूर्वा सावे, प्रा. शगुप्ता काझमी, प्रा. ईश्वरी मेहता व प्रा. नियती तिवारी यांचे मार्गदर्शन लाभले. या प्रदर्शनास जिल्ह्यातील अनेक शाळा व महाविद्यालयातील एक हजार विद्यार्थ्यांनी भेट दिली व प्रदर्शनाचा लाभ घेतला.