

A mile stone in Strategic Research Initiatives

Dervan Biomedic Initiative 2015, a biomedical equipment exhibition & Workshop on Medical Innovations for rural areas was held in B.K.L. Walawalkar Hospital & Rural Medical College on 5th & 6th December 2015. The exhibition widely covered various products such as 3d imaging, Digital equipments for diagnosis, Dental & Malnutrition android app., Diagnostic for Neonatal sepsis, Lab on a Chip, Ergonomic Laparoscopic handle, Unibiospy gun etc.

This event will provide a platform to new innovators and health care industry. It included scientific & professional development sessions, posters, exhibits for Students and Health care professionals.



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Rural Medical College
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Exploring world of Medical innovations to rural

About 50 exhibitors got opportunity to present their research at the exhibition, while others used the opportunity for learning about current innovations and research. About 20 Eminent guests, Scientists, graduate students, and undergraduate students of biomedical engineering department attended the event. Most importantly, they were able to interact with other professionals in their field and share their experiences.



IIT Bombay



COEP Pune



Venture Center Pune



BETiC Kolhapur

BETiC Nagpur

Event At a Glance

- 500+ Sqm Exhibit Space
- Presence of Eminent Personalities, Scientists, Researchers, Teachers, Industrialists.
- Thousands of Visitors from Rural region
- 50 + Products covering every aspect of healthcare.
- 50 + Exhibitors from different localities. High level academic Workshop & Panel discussion on Medical Innovations for rural areas.

Exhibitor Profile

- Medical image devices;
- Medical electronics Equipment;
- Surgical and emergency treatment devices;
- Laboratory and clinic testing devices;
- Medical 3D Printing devices;
- Hospital equipment, nursing and diagnostic devices;
- Healthcare & Mobile Medical devices;
- Medical designing and manufacturing;

Success Story

In excess of thousands of visitors visited the event to learn about product innovations in the Indian health care sector. However, the 'Dervan Biomedic Initiative 2015' not only scored outstanding results in terms of visitor attendance, exhibitor figures show tremendous response for the event. At this event around 50 exhibitors presented a comprehensive product portfolio on this exhibition.

Glimpses of Event



Malnutrition and Dental Health Screening & Analysis using Android app.
Non-invasive neonatal jaundice detection using mobile phone camera

National University
of Singapore



Uterine Clamp to control post partum
Hemorrhage monitor to track high risk pregnancy.



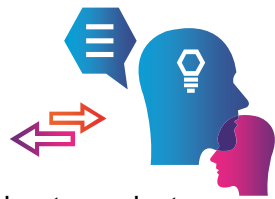
Lab on a Chip:
Portable 'Hb' quantification device



3D Printing Technology – FDM Method

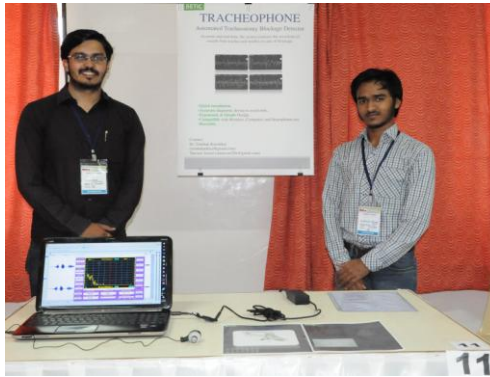


Conversion of CT Scan data to 3D CAD Model





A template to cut Pericardium during Aortic Valve replacement Surgery by IIT Bombay



Tracheophone: Automated tracheostomy blockage notifier by IIT Bombay



X-Hand: Ergonomic Laparoscopic handle by IIT Bombay



CER-SCAN: A portable device for early detection of Cervical & other cancers by Venture Center Pune.



Indigenous Medical Device Innovation at BETic, IIT Bombay



TAB-PLAN: A surgery planning software in 3D by IIT Bombay



Orthopedic support device, Patient safety & Equipment calibration by Dr. Niranjana Khambete



Portable Solar fridge by VPM's Maharshi Pashuram College of Engineering, Velneswar



Terrain sensing Jaipur Foot by Prof. N.V. Deshpande & Prof. V.P. Ghodake, Kolhapur



Distribution of Certificate of Participation by Dr. Suresh Deshpande & Prof. B. Ravi

“ In education and research domain, I think it's a very important that we are able to create sort of such an initiatives. Its ofcourse good for meeting the needs of a country, but I think it's also very important in terms of bringing of the students, young people, it is important in terms of experience that they should get. So it actually contributes significantly to the education and research objectives. So I think it's a quote unquote, win-win situation for everybody and I must congratulate to everybody ”

Padmavibhushan Dr. Anil Kakodkar

Quotes, thoughts, sayings of eminent personalities

*Dear Dr. Patil,
Thank you for the photo story of the exhibition. It is remarkable forward step. I do hope that it would be possible to select some interventions based on the products exhibited.
Best Wishes!!*

T. Ramasami

*Dear Dr. Suvarna,
Please accept our heartfelt thanks and congratulations for successfully organizing the medical device exhibition, SAC meeting and panel discussion; I also greatly enjoyed talking to your school students. All this was possible due to the dedication and excellent teamwork of your colleagues, support of Shri. Walawalkar, Visiting clinicians and guidance of Shri Kaka Maharaj. The young innovators from Mumbai, Pune, Nagpur, Kolhapur and other places rose to the challenge and we place great hope on them.*

Prof. B. Ravi, IIIT Powai

Remarks by Exhibitors

*Dear Dr. Patil,
Thank you so much for the kind courtesies extended by your team during my visit to the event. It was a good experience!
Wishing you all the very best.*

*Deepak Raj
Osteo3d*

*Dear Madam,
First of all Hearty Congratulations to you and your team for the successful organization of an innovative event!!
We are feeling proud now that we were part of such a innovative event. On top of that, visit to Dervan campus was an eye opener for us. We were obliged the hospitality we received in those two days. We wish to visit Dervan in future.
Thank you for giving us such an opportunity.*

*Pawan Wawage
Asst. Prof. VIIT, Pune*

WORKSHOP ON MEDICAL INNOVATIONS FOR RURAL AREAS & PANNEL DISCUSSION

The medical equipment exhibition focused the segment "Medical Innovations for Rural areas". Comprising panel discussion offered medical professionals, students, teachers, decision-makers from clinics and healthcare agents an ideal platform to learn about trends and network with experts.

