

106TH Indian Science Congress

Lovely Professional University, Jalandhar

3rd January 2019 – 7th January 2019

EVENT REPORT

Date and Place of event:	3 rd Jan- 7 th Jan 2019 LPU Campus	Reporters name and contact details:	Saummya Singh 18EC26 9128682218 saumya.s020@gmail.com
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Name of event:	106 th Indian Science Congress
Type of Event:	Science Exhibition
No. of participants:	6
College Name:	Muzaffarpur Institute of Technology

Science is still to be explored, there are still mysteries to be unfolded and phenomena are still to be understood. Not only would the probe to newfangled scientific specifics but exploring the best out of understood realities will describe the FUTURE of mankind. The 106th Indian Science Congress perceived the theme of FUTURE INDIA- Science and Technology in order to provide platform to researchers , academicians' and industry champions to share their findings with scholars zealous to excavate scientific findings and also to instigate budding science and technology enthusiasts to do meaningful extradition for ever-growing industry need and sustainable socio economic system.

The 106th Indian Science Congress was the festival to rejoice science and technology and proved to be the showcase for what is being done, what can be done and what would define the future of Science and Technology in India.

Come let us celebrate science!!

EVENT'S OBJECTIVE- To organize science exhibition and invite different companies and startup ideas related to Science.

CHIEF GUESTS:

Prime Minister **Mr. Narendra Modi** inaugurated 106th Indian Science Congress 2019 on 3rd January in Jalandhar, Punjab.

Union Cabinet ministers including Science and Technology Minister **Dr. Harsh Vardhan** and Textile minister **Miss. Smriti Irani**, Nobel laureates' eminent scientists from across the world to attend the mega event.

OUR OBJECTIVES-

- 1) To attend the Science Congress and know about latest science techniques.
- 2) To gain knowledge about benefit of science in various field.
- 3) To represent the startup ideas in front of people from different parts of our country,
- 4) To get important feedbacks from entrepreneurs, scientists and scholars.
- 5) To know about several important organizations around the world and introduce MIT.
- 6) To invite important companies for workshop in MIT.

OUR STALL:-

There were four different things in our stall. First three were startups and fourth was Remote Sensing.



1. Mascotas Care

People owning a pet face a major problem when they have to go on a long vacation. As they do not have anyone reliable to leave their pets to. So, we have come with a solution i.e. a website where people can come to leave their pets for some fixed period of time and this website will be providing them with a substitute owner for their pets. For this the pet owners will be paying the required amount to the website.

2. Balancing Spoon

A disease named PARKINSON is seen in aged people which results in the shivering of hands. For solving this problem a device named Balance Spoon is created which will aid the elderly people to have their meal by their own.

3. Adam

This is an app whose main purpose is to collect results of all the students under a university irrespective of the colleges. By extending its use, it helps in manipulating the results.

4. Remote Sensing

Remote sensing is the acquisition of information about an object of phenomenon without making physical contact with the objects and thus in contrast to on-site observation, especially the Earth.



SOME STALLS VISITED BY US:

1) Department of Science and Technology Gujarat.

Three things related to biotechnology were presented by DST Gujarat.

(i) Wheat

The wheat generally consumed by us is of light yellow color and contains fewer nutrients. The latest innovation changes the color of wheat to

- a) Dark yellow
- b) Green
- c) Bluish black
- d) Purple

These different coloured wheat samples had different organic Compound. And were more nutrient than the general wheat.



(ii) Apples

Apples were coated by some organic compound which increased its period by 15 days (earlier) to 40 days (now).

(iii) Banana Saplings.

Banana fruit is stored, cut properly and proper care is taken. Consequently many embryos are generated and hence the technique creates thousands of banana saplings from one fruit.

2) DRDO

Three communicative devices for the submarines.

Submarines are at a depth of 400 m approx. from the water surface. It was very difficult for the submarines to communicate with the army above the surface. But the problem has been solved with the help of 3 devices. That-

- i) Helps the submarines to contact with the ships above the surface of water.
- ii) Establishes communication between the submarines and the botallian on the surfaces.
- iii) Works with the help of satellites and thus makes submarines connected to people across the globe.

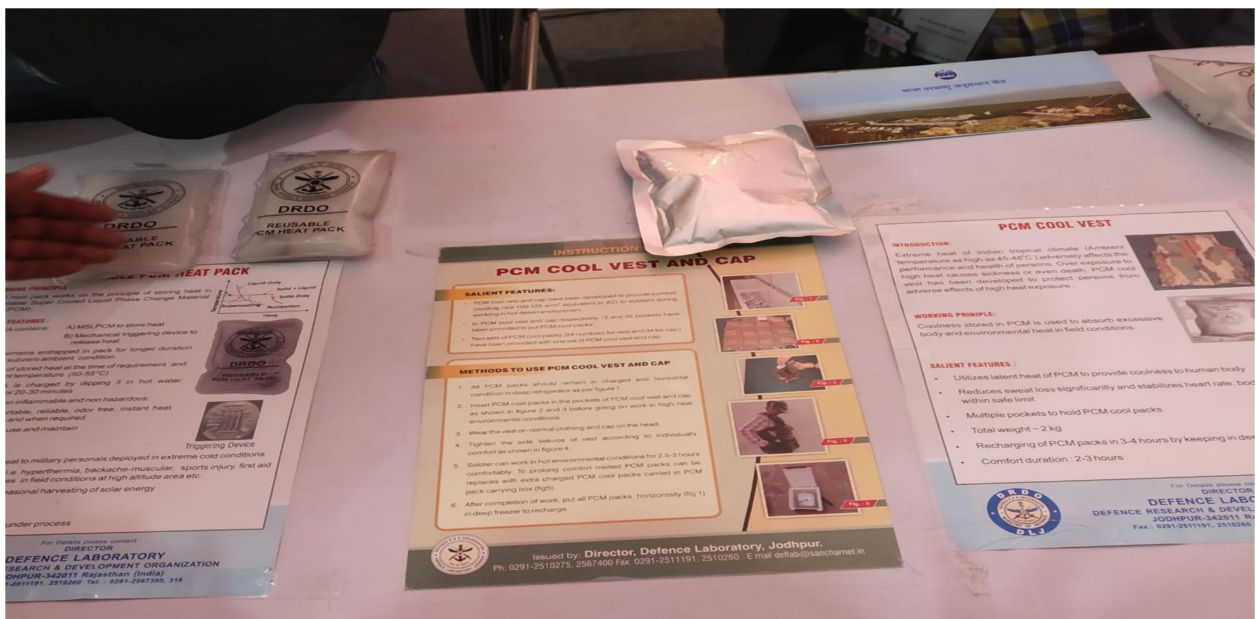


PCM COOL VEST (DRDO)

Extreme heat of Indian tropical climate (ambient temperature as high as 45-48°C) adversely affect the performance and health of persons. Over exposure to heat causes sickness or even death. PCM Cool Vest has been developed to protect from adverse effect of heat exposure.

WORKING PRINCIPLE-

Coolness stored in PCM is used to absorb excessive body and environmental heat in field conditions.



3) LIGO INDIA

LOGO- India is a planned advanced gravitational wave observatory to be located in India as part of worldwide network.

The project recently received the in-principle approval from the Indian government. LIGO-India is planned as a collaborative project between a consortium of Indian research institutions and the LIGO Laboratory in the USA, along with its international partners Australia, Germany and the UK.



4) Hyderabad- Water Treatment

Hyderabad stall was related to water treatment. It cleans water and makes it reusable in ponds, lakes, etc. LPU FineArts



5) CSIR



6) LPU Fine Arts:

