

**Report**  
**SavitribaiPhule Pune University Sponsored**  
**Two days national level seminar on**  
**Current trends in Nanotechnology and its application**

**Date: 10<sup>th</sup> and 11<sup>th</sup> February 2023**

**Venue: Sandip Institute of Pharmaceutical Sciences, Mahiravani, Nashik.**

**Sponsored: SavitribaiPhule Pune University**

The two days national seminar was started with the Ganesh Vandana and lamp lighting by the honourable guest Dr. Dharmendra Singh, Dr. Deependra Singh, Dr. Chandewar, D. Sathe, Dr. Atul Ahire, Dr. Pramod Karole, Dr. Laxmikant Borse and Dr. Swati Talele.

Dr. Pramod Karole sir guided student about various opportunity in pharmaceutical industries in India. How the India now days become a leader in vaccine production. Though the India is providing vaccines to all over the world still lacking for the facility and research. Research is the area where students can grow themselves.

Dr. Dharmendra Singh addressed all students to that now they can share their views to PCI and PCI will help to solve all the matters. Now a days Mr. Montu Patel took a charge in PCI and he is continuously fighting for the pharmacist rights with his team.

Dr. Deependra Singh share his views on Nanotechnology. He shared his knowledge with students. He explain that how India is become a large scale production industry hub but still India need to grow business in API manufacturing. Budding pharmacist has a big scope to developed carrier in API manufacturing.

The afternoon session was started with the expert talk delivered by Dr. Sathe. Dr. Sathe gives his inputs on the Robotic physiotherapy and machine learning. He explained in details about the use of machine learning and the artificial intelligence to students. He also focus how

AI and machine learning now a days utilize for the prescribing medicines and also in the surgery.

Dr.Chandewar express his thoughts and knowledge about the national education policy 2020. He enlighten students for the change in education system from 10+2 towards 5+3+3+4. He explained the National policies important pointslike equability and multidisciplinary universities for global studies. With this the day one was over.

Secnd day was started with the expert talk delivered by Dr.Vavia. Dr.Vavia sir enlighten students on opportunity in nanotherapeutics. He also shows the current global pharmaceutical business scenario and area where students can get opportunity. Sir focus on development of new molecule, moreover sir emphasizes the existing problem with the pharmaceutical industries like solubility- selectivity and stability. Sir given his inputs on how to solve this problem. Dr.Vavia explain in details the process of manufacturing of Nano emulsion. He also explain all evaluation parameters and quality control of Nanoemulsion. He also explain the newer technology like SMEDDS. Vavia sir explain a solubility problem and how he guide the guide the students to overcome it with use of gamma origenole. How he used rice bran oil to solve the problem.

Sir also explain how use of coconut oil as vehicle can exert anti-inflammatory activity to inhibit TNF- $\alpha$  and Interleukin 8.

The poster presentation session was stared in afternoon session. The posters were classified in three categories like undergraduate, postgraduate and Faculty/ research students.

Valedictory function was grace by presence Dr. C. D. Upasani sir. Dr.Upasani sir explain the important views about the Nanotechnology and its necessity. All the poster presentation students received their prizes and then after with the national anthem two day national level seminar was over.



**SAVITRIBAI PHULE  
PUNE UNIVERSITY**



***Sponsored***

***Two Days National  
Level Seminar***

***On***

***Current Trends in Nanotechnology and its  
Applications***

***-Organized By-***

**Sandip Institute of  
Pharmaceutical  
Sciences, Mahiravani, Nashik**



***10<sup>th</sup> and 11<sup>th</sup> February 2023***


***-Venue-***

**Sandip Institute of  
Pharmaceutical Sciences,  
Mahiravani, Nashik-  
422213, Maharashtra, India.**







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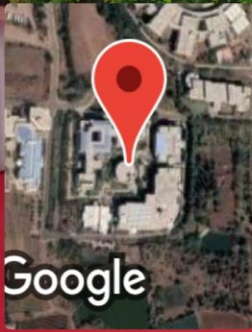
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NATIONAL EDUCATION POLICY 2020  
PAVING WAYS FOR  
TRANSFORMATIONAL REFORMS



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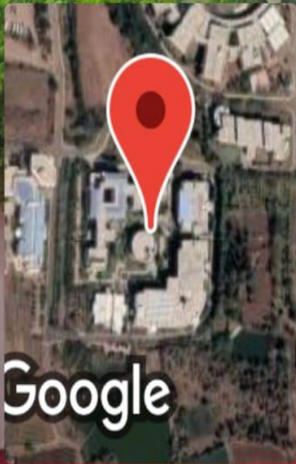
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