

Objectives of Virtual Labs Project

1. To provide remote-access to Labs in various disciplines of Science and Engineering. These Virtual Labs would cater to students at the undergraduate level, post graduate level as well as to research scholars.
2. To enthuse students to conduct experiments by arousing their curiosity. This would help them in learning basic and advanced concepts through remote experimentation.
3. To provide a complete Learning Management System around the Virtual Labs where the students can avail the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self evaluation.
4. To share costly equipment and resources, which are otherwise available to limited number of users due to constraints on time and geographical distances.



Agenda of E- Workshop

- Salient Features of Virtual Labs Project
- Demonstration of Virtual Labs
- Hands-on Session
- Q & A Session

VIRTUALLY
anything is possible



Important Remarks

- Join the workshop with a Laptop/ desktop
- No registration Fee will be charged.
- Pre- registration is mandatory

Registration

- Last date for registration is 20- 12- 2020.
- A certificate of participation (in Electronic Form) would be issued through registered E-mail IDs to participants who attend the entire session and submit online workshop feedback form.

Contact for any query

Dr. Priyanka Sharma

Organizing Secretary
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Dr. Priyanka Sharma
Nodal Coordinator
Virtual Labs Nodal Centre

Organizing Committee

Patron & Principal : Dr. Rajendra Joshi
Convener: Dr. G.P Dayma
Co- Convener: Dr. Seema Kulshreshtha
Coordinator: Dr M.A. Qureshi
Co- Coordinator: Dr. Jaya Rai
Organizing Secretary: Dr. Priyanka Sharma

Other Members of organizing committee

Dr. J.P. Pareek Dr. Raghavendra Swami
Dr. R.S. Sahu Mrs. Sunita Kumari

Member as Special Invitees

Dr. Kiran Shukla Dr. R.K. Sharma



Department of College Education, Jaipur



**Govt. Shakambhar P.G. College,
Sambhar Lake, Jaipur (Rajasthan)**

Organizing online

**Inauguration of
Virtual Labs Nodal Centre
&
Hands-on E- Workshop entitled**

'Virtual Labs: Next Generation of Experimentation'

(For Faculty & Students of Applied Sciences)

On
21st December, 2020 (Monday)
(11.00 AM to 2.10 PM)

In collaboration with



An initiative of
**Ministry of Education (MoE),
Government of India**
Under the aegis

NMEICT
National Mission on Education Through ICT



Chief Guest

Shri Bhanwar Singh Bhati

Hon'ble Minister for Higher Education
(Independent Charge), Revenue, Colonization,
Command Area & Water Utilization Department,
Government of Rajasthan



Guest of Honour

Smt. Suchi Sharma (IAS)

Secretary, Higher & Technical Education,
Govt. of Rajasthan



Special Guest (IAS)

Shri Sandesh Nayak

Commissioner
Dept of college Education
Jaipur, Rajasthan



Dr. P.J. John

Assoc. Professor, HOD
Dept. of Zoology
Director, PG School of Life Sciences,
UOR, Jaipur



Key Note Speaker

Mr. Prateek Sharma

Sr. Field Engineer Virtual Labs Team
IIT- Delhi



Guest Speaker

Mr. Shivam Sundaram

Field Engineer ,Virtual Labs Team
IIT- Delhi



Dr. Rajendra Joshi

Patron & Principal
Govt. PG College, Sambhar Lake

Sambhar Lake (Jaipur)

Sambhar is popularly known as Salt Lake City, located at the distance of around 68 kms to the west of Jaipur. Civilization here goes back a long way, and houses the Sambhar Lake National Park, 'Shakambari Devi' temple and is also home to the largest saline lake in India. Sambhar has been designated as a Ramsar site (recognized wetland of international importance) because the wetland is a key wintering area for tens of thousands of pink flamingos, storks, sandpipers and redshanks, and other birds that migrate from northern Asia and Siberia. Sambhar Salt Lake is India's largest saline inland salt lake and even finds mention in the mythological epic, 'Mahabharata'. It is the source of most of Rajasthan's salt production. It produces 196,000 tonnes of clean salt every year, which is around 9% of India's salt production and Presently the salt-production is managed by Sambhar Salts Ltd.-a joint venture of Hindustan Salts Ltd. and the State Government of Rajasthan. It is a first iodination plant of the country with UNICEF support.



Govt Shakambhar PG College, Sambhar Lake (Jaipur)

Govt Shakambhar PG College was established in 1969-1970, has evolved into one of the leading Govt. college the state of Rajasthan achieved many milestones. College is well reputed for its purist of excellence by imparting education with high academic standards, enabling holistic development and inculcating leadership and social values. The college has earned a prestigious reputation of harnessing a progressive outlook towards education by introducing new courses at UG and PG level, from time-to-time, skill enhancement and career oriented courses, ICT enabled teaching facilities, outreach activities and discipline. Along with good academic results, students have continuously excelled in sports and games, cultural activities, NCC, NSS, scouting, and youth development activities. It has been accredited with B+ grade by the NAAC in 2016.



Virtual Labs

The Virtual Labs project is a paradigm shift in the area of internet- based remote experimentation. A virtual laboratory is a tool for distance learning and/or experimentation that allows people to share knowledge, data, voice, video, tools, and many other resources. It provides a suitable environment to extend, improve, integrate, refine, and assist the learning and/ or experimentation process of many subjects at UG & PG level as well as research scholar in various domain of Science and Engineering, thus contributing to an increase of the effectiveness of scientific research and widening the use of scarce or costly equipment.

Virtual Labs are truly 'any-place, any-pace, any-time, any-type' Labs!