



SREE SANKARA VIDYAPEETOM COLLEGE, VALAYANCHIRANGARA

Report National workshop on Virtual Lab on 4/12/2021

Programme Details in a nutshell	
Name of the Event	One day National workshop on Virtual Lab
Nature of the Event	Online Workshop
Objectives	<p>a) Introduce participants to the concept of Virtual Labs and their significance in computer science education and research.</p> <p>b) Familiarize participants with various Virtual Lab platforms and their features.</p> <p>c) Provide hands-on experience with Virtual Lab environments to enhance participants' practical skills.</p> <p>d) Demonstrate the applications of Virtual Labs in conducting experiments, simulations, and research activities.</p> <p>e) Promote the integration of Virtual Labs into academic curricula for enhanced learning outcomes.</p>
Resource person	Prof. K.V Gangadharan
Date	December 4,2021
Duration	1 Day
Beneficiaries	Students, Faculties and Research Scholars from various colleges
Venue or Platform	Zoom
Feedback link	https://forms.gle/NSqr6Rm9xuwYx8N66
Organising dept/ Cell	PG Department of Computer Science
Coordinator	Dr. Prathibha P.H, Nodal Center Coordinator
Associating Agency	NIT , Surathkal
Outcome/ Benefit of the programme	<p>a) Participants gained a comprehensive understanding of virtual lab environments and their significance in experimental learning.</p> <p>b) gained proficiency in navigating these platforms, accessing</p>



	<p>different experiments, and utilizing the tools and resources provided within the virtual lab environments.</p> <ul style="list-style-type: none"> c) learned about the principles, features, and functionalities of virtual labs, enabling them to leverage these platforms effectively in their educational and research pursuits. d) Participants learned about the pedagogical advantages of integrating virtual labs into educational curricula. e) They gained insights into how virtual labs can enhance students' understanding of complex concepts, foster active learning, and provide a safe and accessible environment for experimentation. f) Participants were inspired to incorporate virtual labs into their teaching methodologies, promoting effective and engaging learning experiences.
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DETAILED REPORT OF THE PROGRAMME

The PG Department of Computer Science, in association with NIT Surathkal, organized a one-day Online National Workshop on Virtual Lab Experimental Learning. The workshop aimed to provide participants with valuable insights into virtual lab experimentation and its significance in computer science education. The workshop was conducted on December 4, 2021, from 9:30 AM to 11:30 AM, using the Zoom platform. The event was led by Prof. K.V. Gangadharan, a renowned expert in the field. The workshop was conducted online through the Zoom platform. Participants were provided with the necessary workshop materials, including presentations, virtual lab simulations, and reference resources. The sessions comprised a combination of interactive lectures, demonstrations, and hands-on activities. Participants were encouraged to actively engage in discussions and clarify their doubts. Prof. K.V. Gangadharan shared his expertise and insights on virtual lab experimental learning. The participants gained a deeper understanding of the potential benefits and challenges of integrating virtual labs into computer science education. The workshop successfully introduced participants to the concept of virtual lab experiments and showcased their significance in computer science education. Participants gained valuable insights into the tools, technologies, and implementation strategies of virtual labs. The workshop encouraged participants to further explore the integration of virtual labs in their respective educational institutions, fostering a culture of experiential learning in computer science education.




PARTICIPANTS (ATTENDANCE REGISTER)

Virtual Labs for Experiential Learning-Registration Form

Questions Responses 168 Settings

Virtual Labs for Experiential Learning - Registration Form

B I U  

We cordially invite you to the Online Workshop on "Virtual Labs for Experiential Learning" - for Physics ,Chemistry, Biology, Electronics and Computer Science, organized by PG Department of Computer Science, Sree Sankara Vidyapeetom College, Valayanchirangara, Perumbavoor in association with National Institute of Technology, Karnataka, Surathkal.

Date: 04.12.2021
Time: 09:30 AM to 11:30 AM
Platform: Zoom

* No Registration fee.

Email *

Valid email

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CIRCULAR/NOTICE

POSTER / BROCHURE



SREE SANKARA VIDYAPEETOM COLLEGE
VALAYANCHIRANGARA
Affiliated to Mahatma Gandhi University, Kottayam,
Reaccredited with NAAC 'A' Grade
www.ssvcollege.ac.in
PG Department of Computer Science
In association with
National Institute of Technology Karnataka, Surathkal



ONLINE WORKSHOP
VIRTUAL LABS FOR EXPERIENTIAL LEARNING



Virtual Labs

An MoE Govt of India Initiative
For Pure and Applied Science

Lead Speaker



PROF. K. V. GANGADHARAN
Participating Institute Coordinator – Virtual Labs,
Head – Centre for System Design,
Professor in Mechanical Engineering
National Institute of Technology Karnataka, Surathkal
E-MAIL: solve@nitk.edu.in



Meeting ID: 817 388 4122
Passcode: 477522



04 Dec 2021
9.30AM to 11.30AM

Dr. Prathibha P H Nodal Centre Coordinator	Dr. Manusankar C Head of the Department	Dr. Padma P. Principal
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SAMPLE CERTIFICATE



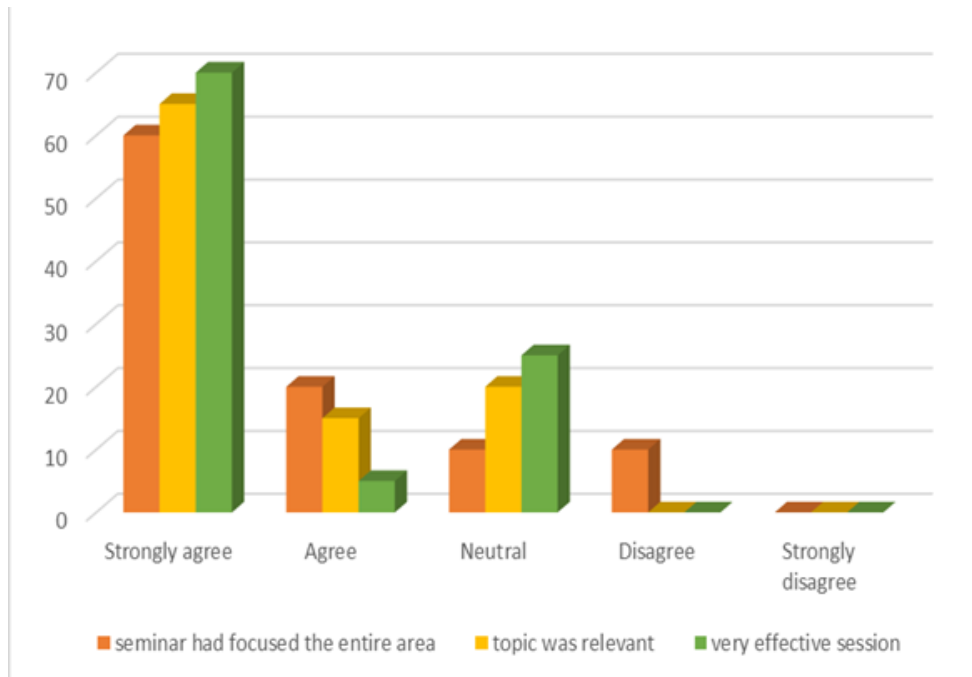
INVITATION/ CORRESPONDENCE

PROFILE OF RESOURCE PERSON

<https://mech.nitk.ac.in/faculty/k-v-gangadharan>



FEEDBACK ANALYSIS



PRINCIPAL
SREE SANKARA VIDYAPEETOM
VALANCHIRANGARA P.O
(VIA) PERUMBAVOOR

Signature of the Principal