

About PVKN GC (A), Chittoor

PVKN Govt. College (A) was established in 1961 in Chittoor, Andhra Pradesh with Arts and Science groups. The college was located in the midst of 54.96 acres of land surrounded by hillocks in the serene atmosphere. In its long journey in pursuit of achieving excellence, the college has been re-accredited by NAAC with A grade (III cycle) in 2017 and conferred Autonomous status in 2018 by UGC. This college has been identified as a Nodal Resource Center for the Chittoor district. Jawahar Knowledge Center was established to train the students in employment skills. Since its inception, thousands of students have acquired jobs in the Government sector and various prestigious MNCs. During its 62 years of legacy, PVKN Govt. College (A) has crossed several milestones. Today this shrine of learning has 21 departments with spacious classrooms, a well-stocked library, well-equipped laboratories and Wi-Fi enabled campus. The College received the “Swatcha Kalasala Award 2019” from the AP State Government.

About Amrita Vishwa Vidyapeetham – VALUE

The Virtual Labs project is an initiative of the Ministry of Education (MoE), Government of India under the aegis of the National Mission on Education through Information and Communication Technology (NMEICT). This project is a consortium activity of twelve participating institutes and IIT Delhi is a coordinating institute. In this context, sciences and engineering simulation labs were developed by Amrita Vishwa Vidyapeetham.

Amrita Vishwa Vidyapeetham is transforming the face of higher education and research, through a revolutionary new educational tool – virtual labs. The Virtual Amrita Laboratories Universalizing Education (VALUE) Initiative is a project dedicated to developing these virtual labs in various science and engineering disciplines. Virtual labs are media-rich online learning environments, which allow users to conduct physical laboratory experiments in a computer-simulated environment. This innovative new educational technique enables experimentation beyond the boundaries of traditional laboratories. The vision of this project is to provide free and easy access to high-quality educational resources to higher education students across India, regardless of whether they are based in geographically remote rural areas or economically challenged backgrounds. Free virtual labs allow the sharing of scarce and costly scientific equipment with less fortunate institutions, thereby providing the opportunity for students to conduct experiments that they would not otherwise have access to. These digital learning tools enable students to practice and better learn the theory and concepts behind the experiments whenever and wherever they are.



PVKN GOVERNMENT COLLEGE (A), CHITTOOR, A.P -517002



Departments of Science
In association with
Amrita Virtual Labs -VALUE
Organizes
One-Day Online Workshop
On
Virtual Labs for Faculty and Students
(VLFS)

27th December, 2024
2:00 PM – 5:00 PM

Venue
Cyber Cafe

Resource Persons



Mr. Saneesh P F
Project Manager
Amrita Vishwa
Vidyapeetham

He is the Project manager and Technical Lead of Physical Sciences Virtual labs, He is also the supervisor of virtual lab deployment classes and a specialist in quality control of physical sciences simulations. He has co-coordinated several national and international conferences at Amritapuri campus.



Mrs. Nijin N
Research Associate
Amrita Mind Brain Centre
Amrita Vishwa
Vidyapeetham

She is the Subject Matter Expert and Technical Lead of Biotechnology and Biomedical Engineering Virtual labs, Amrita Vishwa Vidyapeetham. She oversees coordination for Amrita Biotechnology's national outreach initiatives. She organised several regional, national, and international conferences in India. In the fields of computational neuroscience and e-learning educational technology.

Chief Patron



**Dr. Narayana
Bharath Gupta, IAS,**
Director of Collegiate Education,
Govt. of A.P.

Patron

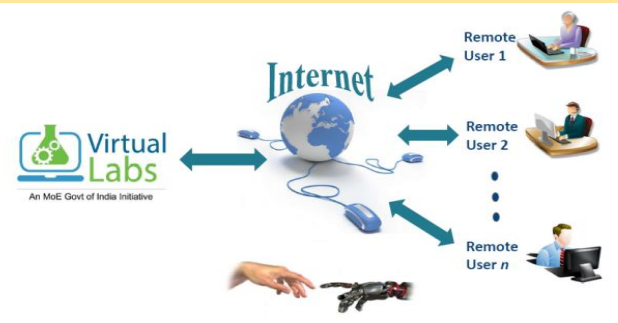


Dr. R. David Kumar
RJD, Collegiate Education, Kadapa

Chairperson



Dr. P. Jeevan Jyoti
Principal, PVKN GC (A),
Chittoor



Conveners

Dr. N. Ramamurthy

Lecturer in Botany

Dr. G. Udaya Bhaskar Reddy

Lecturer in Physics

Organizing Secretary

Dr. P. Bhanuprakash

In-charge, Dept. of Chemistry

Organizing Committee

Dr. C. Meera Saheb

In-charge, Dept. of Botany

Dr. S. Nagendra

In-charge, Dept. of Mathematics

Dr. S. Hari Prasad

In-charge, Dept. of Statistics

Dr. M. Thejomoorthy

In-charge, Dept. of Zoology

Dr. S. Saravana

In-charge, Dept. of CS & CA

Dr. G. Prasad

In-charge, Dept. of Microbiology

Dr. P. Mallika Bramaramba Devi

In-charge, Dept. of Physics

Teaching, Non-teaching
staff and Students

Objectives of the Workshop

- ❖ To create awareness about virtual labs for internet-based experimentation.
- ❖ To enable the effective use and integration of virtual labs in teaching and learning.
- ❖ To provide remote access to labs in various disciplines of Science

Broad Areas of Virtual Labs

- Physical Sciences
- Chemical Sciences
- Life Sciences
- Computer Science

No Registration Fee

Registration Link

<https://forms.gle/NMg9yvF7Q5tEdvvF8>

E-certificates will be provided for all the participants of the workshop