

VAPS NEP 2020 PLATFORM

Overview

VAPS Knowledge Services Pvt. Ltd. is a Digital Campus Technology company serving the education sector for the last two decades. It is headquartered in Silicon Valley of India, Bangalore. The New Education Policy NEP 2020 is an Ambitious and great initiative by the Government which is mainly focused on the foundation of knowledge, skills and competencies for the 21st Century needs.

The outcome based education (OBE) and Competency based Medical Education (CBME) these two models are already in place since 2019. The NEP 2020 advocates to follow Competency based education (CBE) for School education also. The new concept of 5+3+3+4. NEP 2020 recognizes now the need to evaluate "higher-order skills, such as analysis, critical thinking and conceptual clarity," and hence shifting the focus of assessments from marks based to competency based.

VAPS has done extensive research with leading Educators, Experts, Assessment and Accreditation bodies and formed a Technical Advisory Committee. Based on the NEP2020 Guidelines and the needs and expectations of the Schools and the inputs from the committee, A comprehensive and Wholistic platform has been designed which include the following modules for compliance with NEP 2020.

VAPS NEP2020 Platform comprises of the following Modules:

- ◆ IVRM Digital Campus
- ◆ Learning Management system with contents developed by experts and Digital repository.
- ◆ Skill Labs and Virtual Labs
- ◆ Formative and Summative Assessment Modules
- ◆ Teachers training including Continuous Professional Development
- ◆ Health and Safety Monitoring Module
- ◆ Infrastructure Development Self Assessment & Accreditation.

Details of the Skill Labs are as under:

1. Language Lab

Language lab caters to all four skills Listening , Speaking , Reading and writing. Using the blended methodology of teaching combining both Instructor Led Training (ILT) & Computer Based Training (CBT). Based on the CEFR framework to achieve international standards

2. Music Laboratory

Music stimulates the brain, and with its varied sounds and lyrics, students are exposed to a large amount of vocabulary in a short amount of time. Music also provides exposure to other languages, which creates a foundation for the student's ability to understand and communicate in a different language.

3. Maths Laboratory

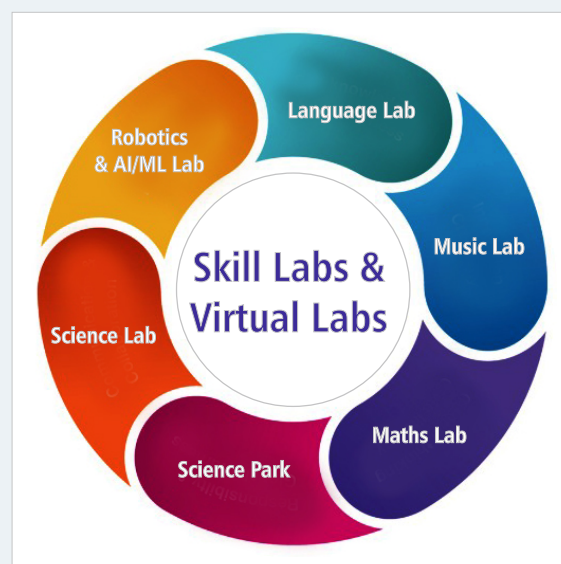
Maths lab plays an important role in the entire new regime of 5+3+3+4 model in acquiring 21st century skills.

4. Science Park

Science park consists of cluster of interactive open air display models for playing and learning of science. It covers many topics in science like mechanics , optics and kinetic energy. These models will be installed in outdoor of the campus.

5. Science Lab

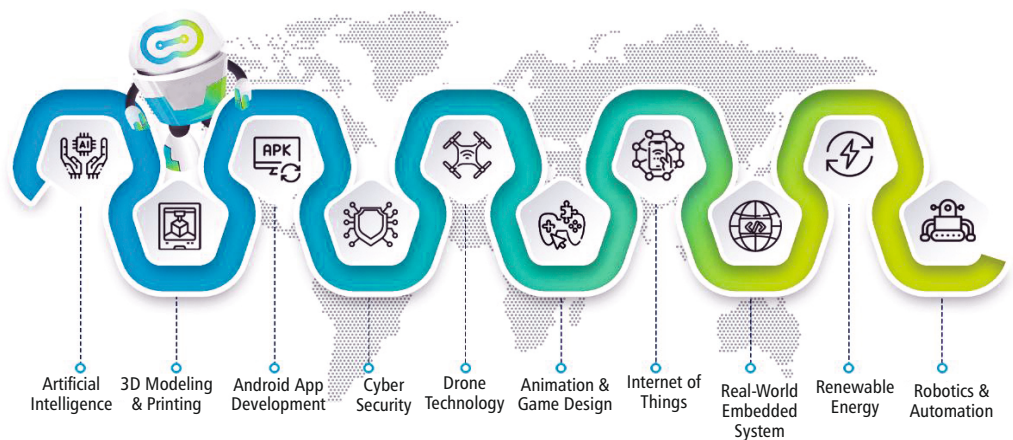
A science lab offers various opportunities for students to think creatively, develop techniques, and explore their interests. Here are some of the benefits of a science lab for students.





6. Robotics and AI/ML Laboratory

The NEP mandates the holistic development for the students towards preparing them for the future. Our hands-on robotics education that is focussed on providing the right foundation for 10 futuristic industry-oriented domains, will enable students to develop 21st century skills through future-tech.



Establishing Sports complexes and Indoor Stadiums

VAPS has pool of world renowned Architects who are specialized in design and execution of School infrastructure which include following.

1. School Building, Laboratories, Landscape
2. Indoor and Outdoor sports complexes
3. Auditoriums and Cultural Complexes



Our Architects are well versed with the requirement of NEP 2020 and specially the requirements of Statutory and Regulatory boards. They will also help in assessing the present infrastructure and guide the school authorities in complying the NEP 2020 requirements, especially the Safety and Security aspects.

Health Monitoring

This includes regular health check-ups in schools, especially for 100% immunization, and health monitoring through health cards. Health check-ups and growth monitoring. The NEP also recommends reducing the weight of school bags and textbooks. For mental and emotional health of children, Our Health Monitoring module meets the requirement of the NEP 2020 with our own professional doctors and healthcare system.

Accreditation Support

One of the major reforms of NEP2020 is setting up of "One Country One Accreditation". Now the Assessment and Accreditation is mandatory for Schools also. Presently National Accreditation Body for Education and Training (NABET) is the prevailing Accreditation for Quality School Governance in India. QCI and NABET are the part of NEP 2020 policy formation committees on establishing standards and criteria for Assessment and Accreditation.

VAPS is helping many Schools in the implementation of Quality school Governance and NABET Accreditation in the country. Now NEP 2020 specifies that all schools must implement Competency Based Education and comply with the Self Assessment of the Accreditation Framework to be implemented from 2023-24 academic year.

VAPS Technical Advisory Committee: The committee consist of experts from Education Field, Professional Doctors, Assessment and Accreditation experts and Architects. The members are 1. Anil Patil Kulkarni, 2. Lathika. R, 3. Dr. Sanal (IIT Madras), 4. Aniket Awasthi (IIT Kharagpur) 5. Dr. Nishanth (Architect from IIT Delhi), 6. Dr. Lokesh B.M (Cardiac Surgeon), 7. Dr. Omprakash (Dental Surgeon).

Implementation Programme:

- Stage1-** Installation of IVRM NEP2020 platform
- Stage2-** Implementation of infrastructure & skill labs - (1month)
- Stage3-** Training for teachers (CPD) - (2months)
- Stage4-** Implementation of curriculum based on various national boards - (6months)
- Stage5-** Self assessment & accreditation based on NEP 2020, NAC & State Assessment Council (12months)

