



Royal Instrument India Private Limited



AN ISO 9001:2015 CERTIFIED COMPANY



Digital Smart Board

India's Leading Intelligent Interactive Panel For Education



Royal Instrument India Private Limited

A LOCAL BRAND WITH BIG SUSTAINABLE DREAMS



About us

Royal Instrument India Pvt. Ltd. started as Royal India & Company, is one of the leading manufacturers and traders of solar pumps and panels in Jharkhand. Initiated in Jharkhand, it has now expanded its business in Bihar, West Bengal, Odisha, and Chhattisgarh.

Our Mission

Lead the energy transition by providing innovative solutions to our customers. Build a culture of excellence by efficient and safe execution of all our projects. Foster a culture of trust, collaboration, and performance to achieve our business goals and be an employer of choice.

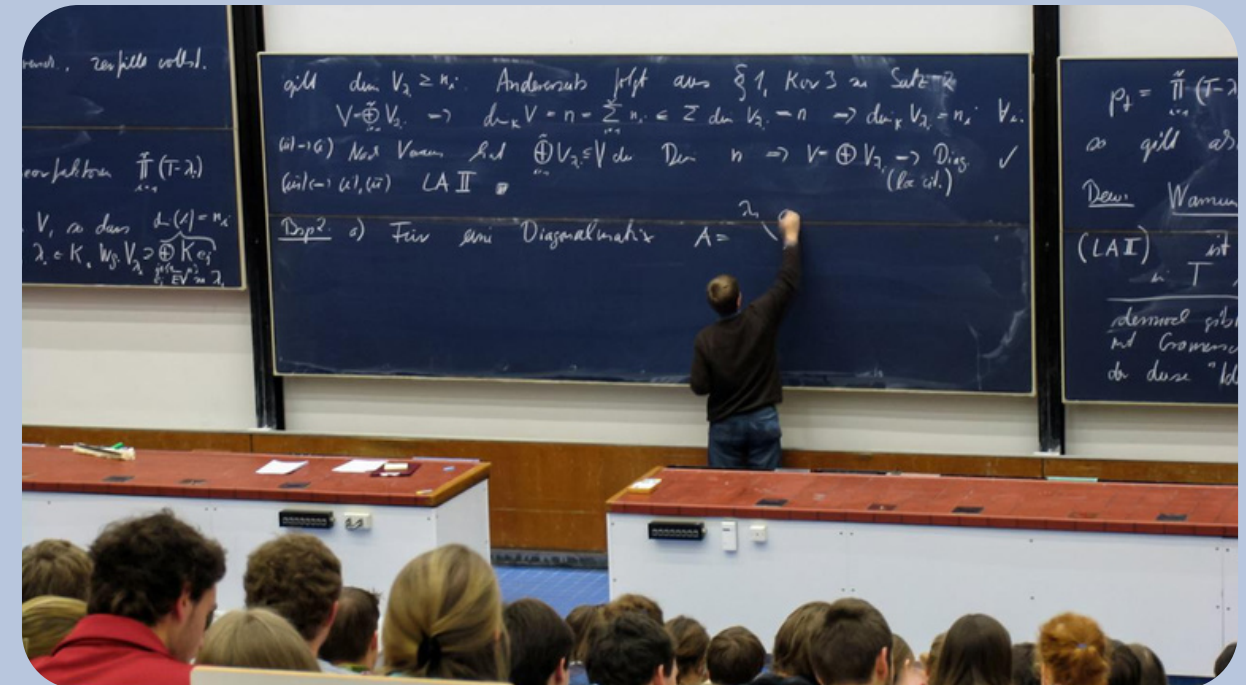




Present Classroom Scenario



Primary Classroom View



College Classroom View

Disadvantages Of Blackboard Learning

- Inefficient storage of information
- Inability to present ideas
- Organized participation is a constant struggle.
- Failure to reach consensus on a matter.
- Some students might not get a chance to participate.
- Diverse approaches to problem-solving is not an option.
- It limits the thought process to the person who will give more input on the matter.
- It's time consuming as experts have to write and erase stuff.
- Keeping the Present Scenario in mind, RIPL is providing TECHNO Smart Class Solutions.



ROYAL INDIA'S SMART CLASSROOM SOLUTION COMPRISES OF TWO CATEGORIES:

Royal India digital classroom solution is a technology leveraged teaching learning system wherein the teacher is empowered to teach interactively and student is inspired to learn with a quest for excellence.



Digital Teaching System



Intelligent Interactive Flat Panel



RI

Advanced Smart Class Technology

- Interactive learning is the new found success, which will contribute to a blended approach to learning that will soon dominate the path of education for years to come.
- Smart classroom allows live interactivity and flexibility in learning as per student's need and demand in every aspect and has the potential to increase knowledge, thus enabling more job opportunities for students.
- Advanced Smart Class Technology includes:
 - Virtual Teaching & E-Learning Content
 - Classrooms with Camera
 - Motion Systems within Classroom

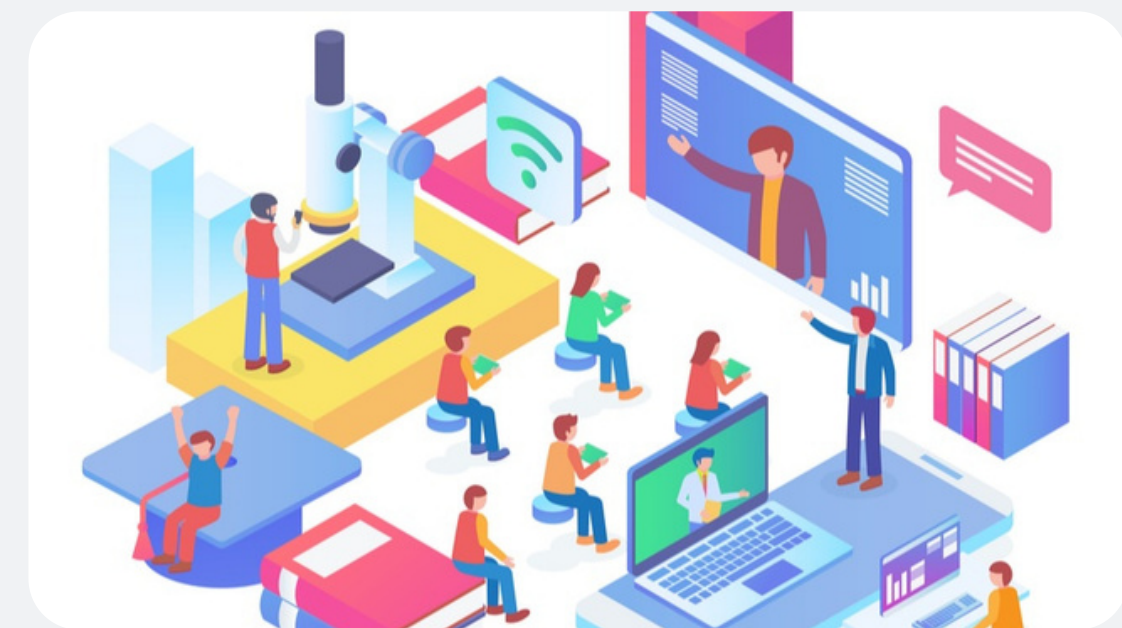
VIRTUAL CLASSROOM



A virtual classroom is an online learning environment that allows live interaction between the tutor and the learners as they are participating in learning activities.

The most common tools available are:

- Videoconferencing
- Online whiteboard for real-time collaboration
- instant messaging tool
- Participation controls
- Voting System



Pictorial Representation of Virtual Classroom





In the era of video lectures and interactive experiences, decent recording equipment has become an indispensable tool for the modern teacher or instructional designer.

Whether you are involved with blended learning or flipped classroom concepts, or just looking to improve your whiteboard recordings, you need a suitable camera.

In an attempt to create a matrix of solutions Royal Instrument India offers Royal India's CCTV Cameras to record High-Quality Video Lectures, etc.

CLASSROOM WITH CAMERA



MOTION SYSTEMS WITHIN CLASSROOM

Captures faces and stores them in your database. Detects people through CCTV camera view and matches with the database. It gives alarms recognizing someone important for you or alerts you against a potential miscreant. It is based on the most advanced technology which uses 3D structure to extract the feature points from the face and creates a feature vector containing the most dominant features on the face and stores them as models.





E-Learning is a computer-based educational tool or system that enables you to learn anywhere and at any time. Today e-learning is mostly delivered through the internet.

With the right tool, various processes can be automated such as the marking of tests or the creation of engaging content.

3D E-learning content enables students to visualize and grasp more easily.

E-LEARNING CONTENT





PRODUCT DIMENSIONS



55 inch



65 inch



75 inch



86 inch

Get information on the Royal India Interactive Digital Board displays are purpose-built to support teaching approaches that affect learning outcomes. Bigger sizes are also available as per customer requirements...





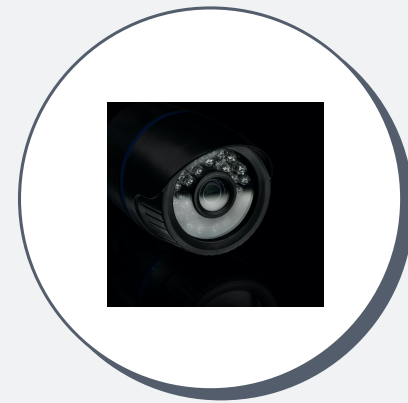
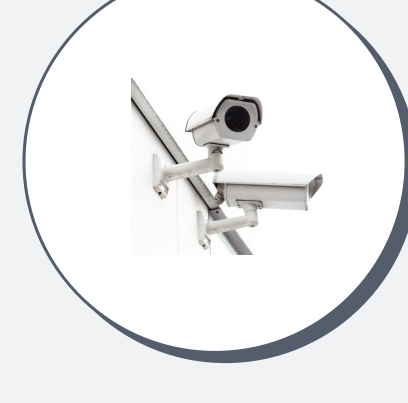
Educational Projects Across India

MAJOR PROJECTS

- Ranchi University, Chhattisgarh
- Anna University, Andhra Pradesh
- Guru Ghasidas Vishwavidyalay, Chhattisgarh
- Vector Control Research Centre, Pondicherry
- Government Degree College, Uttar Pradesh
- Gauri Shankar Education Society, Maharashtra
- Sri Sarvajana Public School, Karnataka
- Indira School, Maharashtra
- Indian Army, Telangana
- Smart Achiever Learning Pvt Ltd., Uttar Pradesh
- DMERS, Gujarat



MORE PRODUCT





CCTV CAMERA

Looking for a Great Security System Supplier? Royal India is a technology company that specializes in the surveillance industry. Keep Your Home and Business Safe with a Trusted Security System. Get in Touch Now.





SUPPORTING “LOCAL FOR VOCAL” WE ARE INTRODUCING ROYAL INDIA BRAND OF PRODUCTS.

Royal India's Digital Smart Board is a perfect replacement for traditional blackboards in schools. We enable teachers to teach concepts accurately and effectively, students to experience fun-based learning, and making parents confident about their child's learning journey. With exceptional training and customer support, we create and maintain long-lasting relationships with all our Partner Schools and colleges.



RI



NSIC
CERTIFIED CO.



WE ARE CERTIFIED
COMPANY



Quality and Reliability are what we live by. We are constantly striving for success and aim to achieve the highest quality standards for all our operations globally.





Someone is sitting in the shade
today because someone
planted a tree *a long time ago.*

Warren Buffett





Let's talk business

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