Classroom Management System (CMS):

Description: The CMS transforms traditional classrooms into modern educational platforms, leveraging computer multimedia labs or 1:1 classroom settings. It supports 21st Century skills development and efficient classroom management through advanced features.

Specifications:

- **Digital Resource Library:** 4700 pre-made learning units.
- **Compatibility:** Integrates with existing Smart Classrooms digital content and hardware.
- **Core Features:**
  - Screen spying, broadcasting, computer/screen locking, file sharing.
  - Polling: Real-time student responses.
  - Digital Whiteboard: Replicates whiteboard features.
  - Exam Creation & Dissemination: Tools for building and distributing exams.
- **Compatibility:** Windows 10, local operation, no server required.
- **Features:**
  - Devices Control, Learner Monitoring, Device Sharing, Utility, and Administration features.
  - Supports differentiated instruction and various learning techniques.

Learning Management System (LMS):

Description: The LMS enhances traditional teaching with digital content and assessments. It supports versatile learning models and offers comprehensive tools for content creation, scheduling, and communication.

Specifications:

- **Core Features:**
  - Content Creation Tools, Scheduling, Communication, Web 2.0 Tools.
  - Supports SCORM compliant modules, curriculum design, and content modification.
  - Tracks student progress and ensures learning outcomes are met.
- **Versatility:** Supports blended learning and flipped classroom models.

Digital Content:

Offline Version (compliant for future online use):

- **Engineering Fields:**
  - Engineering Drawing (42 units)
  - Inspection, Maintenance, Quality Management (60 units)
  - Machine & Instrument Engineering (72 units)
  - Fluid Power (150 units)
  - Mechanical Systems (62 units)
  - Materials Engineering (51 units)
  - Manufacturing Engineering (155 units)
  - Industrial Control (159 units)
  - Engineering Design (52 units)
  - Manufacturing Technology (53 units)

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

Export Sales: +91-9829132777
India Sales: +91-9588842361

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension, Jaipur-302022, India.

info@tesca.in
www.**tescaglobal**.com

CIN: U29309RJ2011PTC035213
GSTIN: 08AADCT8576E1ZZ

Follow Tescaglobal

worlddidac MEMBER

Tesca Technologies Pvt. Ltd.

MEE 75
Order Code−22235575.4.75
21st century learning system for:
MechanicalEngineering Foundation Programs

- Robotics (87 units)
- Forces and Motion (95 units)
- **Life Skills:**
  - Business Skills (199 units)
  - Personal Skills (24 units)
  - Workplace Problem Solving (108 units)
  - Engineering Mathematics (122 units)
  - English Language Skills (47 units)

Each module includes presentations, animations, theory, instructional information, photos, and interactive experiments.

Package Includes:

- 1 server license and 20 student licenses.
- Option for installation on existing Smart Classroom servers with Windows 2012/2016 network software.

Lab Set-Up Manual: Provided during the bidding process.

Teacher Demonstration Desktop Trainers:

- **Industrial Control Trainer Teaching Set**
- **PLC Trainer Teaching Set**
- **Robotics Trainer Set**
- **Hydraulics Trainer Set**
- **Mechanisms Trainer Set**
- **Electro-Pneumatics Trainer Set**
- **Educational Robotics Invention Set**
- **Engineering Construction Set**

IT Package:	
Server Kit:	
• 1 Server Computer: 4 core, 3.1 GHz, 4GB RAM, 1TB Hard Disk, Keyboard, Mouse, 15.6" Display, Windows 10.	
Student PC Kit:	
• 20 PCs: Intel i5, 15.6" Display, 4GB RAM, 500GB Hard Disk, Windows 10, Office Student.	

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

Tesca Technologies Pvt. Ltd.

MEE 75
Order Code−22235575.4.75
21st century learning system for:
MechanicalEngineering Foundation Programs

Teacher PC Kit:

• PC: i5-6500, 3.2 GHz, 8GB DDR4, 500GB HDD, Windows 10, Office Home/Student 2016.	
• Monitor: 21.5", Full HD, 1920x1080 resolution.	
• Accessories: USB business speaker set, headset.	

Classroom/Workshop PC Kit:

• PC: i5-6500, 3.2 GHz, 8GB DDR4, 500GB HDD, Windows 10, Office Home/Student 2016.	
• Monitor: 21.5", Full HD, 1920x1080 resolution.	
• Accessories: USB business speaker set, headset.	

Digital Whiteboard Kit:

• Projector: Short throw, 3300 lumens, WXGA, with 2 pens.	
• Document Camera: USB, 15fps, 4x digital zoom.	
• Active Speaker Set: 2x40W, stereo.	
• Projection Board: 16:10, 2014x1285mm, with touch sensor strip.	
• Cabling Kit: 10m VGA, 10m USB with booster.	

Standard Whiteboard:

• Dimensions: 180x120 cm.	

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

Follow Tescaglobal 🇫 🇴 🇾 🇮 🇵

worlddidac MEMBER CE ISO ESC

Tesca Technologies Pvt. Ltd.

MEE 75
Order Code–22235575.4.75
21st century learning system for:
MechanicalEngineering Foundation Programs

Printer:

• Color Laser Printer: With toner cartridges (4), USB print cable.	
• Height: 280 mm	
• Width: 423 mm	
• Depth: 289 mm	
• Weight: 14.8 kg	
• Draft mode resolution: 300 x 300 dpi	
• Normal mode resolution: 600 x 600 dpi	
• Plain-Best mode resolution: Up to 2400 dpi	
• Input sensor resolution: 1200 x 1200 dpi	
• Printing Speed: Up to 20 ppm (b&w), 16 ppm (color)	
• Scanning Resolution: Up to 1200 x 1200 ppi	

Teacher and Student Furniture Kit:

Teacher Furniture:

• **Desk:** 180x120x75 cm, light grey RAL 7035, melamine top.	
• **Chair:** Adjustable armrests, low backrest.	

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

Follow Tescaglobal 🅕 🅞 🐦 in Ⓟ

worlddidac MEMBER CE ISO ESC

Tesca Technologies Pvt. Ltd.

MEE 75
Order Code–22235575.4.75
21st century learning system for:
MechanicalEngineering Foundation Programs

• **Cabinet:** 92x42x195 cm, light grey RAL 7035, lockable.	
Student Furniture:	
• **Chairs:** 20 pcs, chrome frame, strong PP seat, stackable.	
• **Desks:** 8 pcs, 80x80x75 cm, light grey RAL 7035, melamine top.	
• **Wing Tables:** 4 pcs, 180x120x75 cm, light grey RAL 7035.	

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

Follow Tescaglobal f ⊙ ✗ in ⓟ

worlddidac M E M B E R   CE   ISO   ESC

- **Mobile Drawer Blocks:** 4 pcs, light grey RAL 7035, melamine top.

- **Lockers:** 3 rows of 4 lockers per unit.

Storage Cabinets:

- **Open Front:** Light grey RAL 7035, 92.5x42x195 cm, 4 shelves.

- **Lockable:** 90x40x180 cm, 4 shelves.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

Follow Tescaglobal