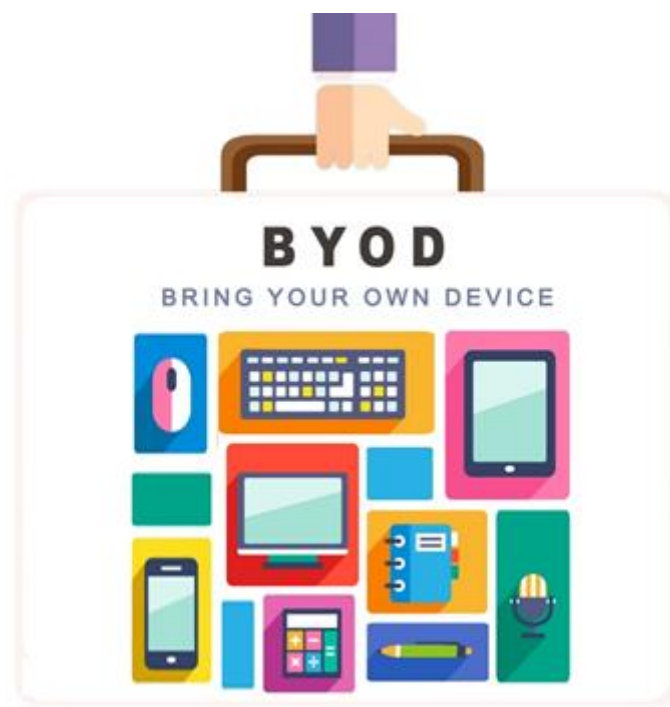OscarsPro

BYOD TECHNOLOGY LAB

"Makes easy to carry out poll, surveys and classroom assessment"

Student Workstations – Twenty

25mm tabletop thick pre-laminated particle board finished with 2mm PVC edge bending, 18mm Under-structure and partition pre-laminated particle board, 1 Student Table booth configuration, free standing workstation

Size (L x W x H) mm	750 x 540 x 750
Wire Management	Single hole per workstation

Student Chairs – Twenty

25.4 x 1.8mm CRCA Round Pipe, 12mm plywood in seat and backrest, 32 ± 5 Kg/Cu meter thick PU foam in seat and backrest, moulded seat and back cushion, nylon base, medium back chair, fabric tapestry in blue/black colour with PU arms and no wheels, 40micron powder coated.

Dimensions of Chair	Chair Height: 825mm ± 10mm, Backrest Height: 480mm ± 5mm, Backrest Width: 415mm ± 5mm, Seat Width: 440mm ± 5mm, Seat Depth: 450mm ± 5mm.

Student Tablet – Twenty

10" (1280 x 800) HD IPS Display, 2.0 GHz processor, 2 GB LPDDR3, 16 GB internal storage

OS	Android 9.0
Connectivity	IEEE 802.11a/b/g/n/ac
Cameras	2 MP Rear Camera + 2 MP Front Camera
Audio	Dolby Dual front-facing speakers
Battery	8.5 hours
Ports	Audio Jack combo, MicroSD Slot
Accessories	64 GB Micro SD Card, Protective book cover, Screen Guard, Earphone

Charging Cabinet – One

Capacity	20 Tablet
Storage	Storage to keep the accessories
Power	Power Stabilizing facility available
Charging & safety	Simultaneously charge multiple tablets and can be locked together safely
Movability	Movable castor wheels

Interactive Panel

Type/Technology	Touch LED Backlight in-plane switching technology
Panel Size (Diagonal)	65 inches
Touch Technology	IR Recognition
Native Resolution	UHD 3840 x 2160 (Pixels)
Touch Resolution	32767 x 32767
Contrast Ratio	5000:1
Brightness	600 cd/m^2

Touch	20 Points Touch, 10 Points writing 8mm and 2mm pen/stylus diameter and write with different thickness and colours simultaneously
Aspect Ratio	16:9
Colours	16 million colours (8 bit)
Mounting Arrangement	Wall Mount
Ports (Input/Output)	VGA In x 1, HDMI In x 3, PC slot In x 1, RS232 In x 1, Audio In x 1, Audio Out x 1, SPDIF Out x 1, HDMI Out x 1
USB Ports	USB 2.0 Type A x 3, USB 3.0 Type A x 4
Touch USB	USB Type B x 2
Communication Port	RJ45 x 1 (Gigabit) LAN Port
Camera Plate & Port	Camera plate on top for Camera, USB Camera Port
In-built Speakers	20Watt x 2 speakers, 15Watt x 1 Sub-Woofer (2.1 Stereo Sound)
No. of Pen/Stylus	Two
Pen/Stylus Recognition	2 mm tipped pen/stylus with Dual Recognition
Pen/Stylus Holder	Magnetic holder at bottom panel
Orientation	Landscape
Viewing Angles	H = 178°, V = 178°
Response Time	15ms
4 Way Split Screen	Available with content sharing software
OS Support/Embedded Player	Windows/Macintosh/Linux/Android Embedded Player with inbuilt CPU
Touch Disable Feature	Available with ON/OFF
Networking Interface	DHCP (Auto identification) and Static IP
Surface Treatment	Scratch resistant, crack resistant, antiglare, 7H hardness
Save Option	Save direct to Google Drive and One Drive
Screen Mirroring and Content sharing	Users can mirror and share the content of Desktop and Laptop (Mac, Windows), multiple Phones/Tablets (iOS, Android) wirelessly, Wireless presentation allows to access Laptop / Desktop through Display
Test of knowledge	Participants can submit their answers from Smart Phones (Messaging Answering/Voting) via inbuilt tool
Quick Response code	File download feature in smart phone by scanning the QR code
VC Interface	USB based PTZ cameras (Software based)
HDMI Out Mirroring (Extended Display)	Content can be mirrored on two IFPD's simultaneously, deliver group discussion and spatial arrangement flexibility
Wireless & Bluetooth	Dual band (2.4Ghz and 5Ghz) along with 802.11AC standard up to 433Mbps transmission, fast Bluetooth 4.0 connection with Bluetooth Low Energy
Power Voltage	230V AC +/- 10%, 50 Hz
Power consumption	105 Watts

Annotation Features	Video, PPT, PDF, PC/ Laptop using smart phone, New, Open, Save, Save As, Import & Export (JPG, PNG, IWB, PDF, PPTX), Print, YouTube Drag & Drop, Magnifier, YouTube integration, Canvas moving, Inbuilt Animation libraries, Follow Me AI, Complete Ecosystem on mobile, web and PC, Google Education partner, Casting in & Casting out from Remote locations via browser, Android & iOS Apps, multitouch enable or Disable, Switching between presentation & Preparation modes
Software Features	Laser Pen, Artificial intelligent Pen, Shape Pen, Magic Line Pen, Marker, Paint Brush, Highlighter, Different sizes available - Region eraser, Shapes, Text , Generic consist of (shapes,3DShapes, Arrows & Tables), Image search from internet, Screen Curtain, inbuilt browser, screenshot, magnifier, Geometry Tools, Screen recording, webcam, desktop annotation, calculator, soft keyboard, Clock, Stop Watch White board with different backgrounds and colours, cloud storage, cloud Download, Page management system. Images available on internet like nature, sport, Daily necessity, animals
Accessories	Wall mount bracket, cables and connectors, AC Power cord, Remote control, User Manual, Two Stylus

In-built Android Version 7

Dual Core 1.2 GHz, RAM 2 GB, Storage 16 GB

Educational Multimedia Content – Android - Twenty

Content Integration	Integrated with different categories of learning content including projects, videos, practice assessments and digital book library, offline mode student wise test report
Learning Management System	Offline: Enables students to access content of junior classes Auto sync to reporting dashboard with offline reports on the tablets, multi category platform bringing together different types of content on the same dashboard
Reporting Platform	Graphical analytics reports easily downloadable, student wise learning and usage reports saved offline Sync to a cloud-based reporting dashboard
Content	Educational content
Offline working	Using SD Card placed inside the tab
Reports Generation	Available
Password Option	Available

Digital Content

High quality digital educational course content 2D/3D for all Classes with Voice Over in Hindi/English Language. Digital content having Key Points, Animations, Experiments, Live Videos, Interactive Simulations & Work Sheets.

Medium	1st to 8th English and Hindi medium with transliteration of content text in Hindi
Content	Chemistry, Biology, Math, EVS, Science, Physics, Social Science (Geography, History, Civics, Political Science), Commerce (Business Studies, Economics, Accounts, Statistics) Computers, English Grammar, Hindi Vyakarana
Features	Digital book library with different category of books and can also include state board or NCERT digital books as per requirement of the project, practice assessments and tests with instant feedback for Maths, Science and English for classes 1st to 8th

Reporting Platform

Reports on each device with auto sync to a central project reporting dashboard, sync to a central dashboard whenever the devices connect to internet. It ensures all usage data to regularly be auto collected to a central database and reports can be made available to project monitoring team regularly via dashboard (web-based)