



Parvatibai Chowgule College of Arts and Science  
Autonomous

Accredited by NAAC with Grade 'A' (CGPA Score 3.41 on a 4 Point Scale)  
Best affiliated College-Goa University Silver Jubilee Year Award

7<sup>th</sup> September 2022

There is a requirement of Biometric Punching Machine for the College.

The details are as follows:

<b>CATEGORY K - BIOMETRICS ATTENDANCE DEVICE</b>				
<b>Sr. No.</b>	<b>Item Name</b>	<b>Technical Specifications</b>		<b>Make &amp; Model</b>
1	<b>Face + Biometric finger + Rfid card based Time Attendance and access control system (Type 1)</b>	Face capacity	2000 (1: N)	BIOMAX BIOMAX N BIO101W
		Finger Print Capacity	3,000	
		Palm	Optional	
		Card Storage	3,000 Proximity and 13.56MHz Smart Card both work together	
		Logs capacity	2, 00,000	
		Operating system	Linux/ Android	
		Processer	1 GHz	
		Keypad	Feather touch keypad	
		Fingerprint sensor	500 DPI Optical accepting colour & Mehndi finger	
		FAR	<=0.01% or better	
		FRR	<=0.1% or better	
		Identification speed	< 1 sec	
		Display	3.0-Inch Screen	
		LED Indicator	Green/Red	
		LED for day night vision	Array LED	
		Communication	Wi-Fi + TCP/IP + USB Host, RS232/RS485 & 4G	
		Weigand	IN and Out both	
		Push data	Yes	

		Access Control	Yes, support exit finger reader+ card, card reader, exit switch etc	
		Printer	Support thermal printer	
		Operating Temperature	0 Degree C – 45 Degree C or better	
		Operating Humidity	20% - 80% or better	
		Battery	Minimum 2400 Mah Backup Battery	
		Enclosure Box	Powder coated Metal, Rust free	
		Registration Certificates	Should be STQC & UIDAI registered device	
		Installation of LAN Point & Power Point	Complete installation of equipment which will include creation of LAN & Power Point within a scope of 15 mtrs. The scope will include all the materials required for creation of the points.	
		Warranty	3 years compressive onsite warranty and support	
2	<b>Face + Biometric finger + Rfid card based Time Attendance and access control system (Type 2)</b>	Face capacity	10,000 (1: N)	BIOMAX BIOMAX G4W
		Palm	Optional	
		Fingerprints templates	30,000	
		Card Storage	10,000 Proximity and 13.56MHz Smart Card optional	
		Logs capacity	2, 00,000	
		Operating system	Linux/ Android	
		Processer	1 GHz	
		Fingerprint sensor	500 DPI Optical	
		FAR	<=0.01% or better	
		FRR	<=1% or better	
		Identification speed	< 1 sec	
		Display	Min 4.3-Inch Capacitive Touch Screen	
		LED Indicator	Green/Red	
		LED for day night vision	Array LED	

		Communication	Wi-Fi + TCP/IP + USB Host, RS232/RS485 & 4G
		Weigand	IN and Out both
		Push data	Yes
		Access Control	Yes, support exit finger reader+ card, card reader, exit switch etc
		Printer	Support thermal printer
		Operating Temperature	0 Degree C – 45 Degree C or better
		Operating Humidity	20% - 80% or better
		Battery	Minimum 2400 Mah Backup Battery
		Enclosure Box	Powder coated Metal, Rust free
		Registration Certificates	Should be STQC & UIDAI registered device
		Installation of LAN Point & Power Point	Complete installation of equipment which will include creation of LAN & Power Point within a scope of 15 mtrs. The scope will include all the materials required for creation of the points.
		Warranty	3 years compressive onsite warranty and support

It is requested that commercial quotations be sent in sealed envelopes superscribed "TENDER FOR BIOMETRIC MACHINE" addressed to the Principal, Parvatibai Chowgule College OR via email on [principal@chowgules.ac.in](mailto:principal@chowgules.ac.in) latest by 13<sup>th</sup> September 2022.

Sd/-  
Offg. Principal