GOVERNMENT OF ANDHRA PRADESH

OFFICE OF THE
COMMISSIONER OF TECHNICAL EDUCATION
ANDHRA PRADESH :: HYDERABAD

Cir.Memo.No.K2/4728 /2016   Date: -07-2016

Sub:-TECHNIAL EDUCATION- Introducing Aadhar enabled Biometric Attendance System in all
Government, Private Aided & Unaided Polytechnics 📖 including the offices of RJDTEs and
other Institutions under the control of this department –Instructions - Issued –Reg.

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The Commissioner of Technical Education, A.P. has proposed to introduce Aadhar enabled
Biometric Attendance System (AeBAS) with STQC Certified Iris Scanner for the Staff in all Government,
Private Aided & Unaided Polytechnics of Andhra Pradesh including the offices of two RJDTEs and other
Institutions under the control of this department. The Biometric Attendance systems to be procured
should be compatible to NIC software to capture the attendance.

The Technical Specifications of the Biometric System (with STQC Certified Iris Scanner) is as
follows:

S.No.	Device and its Technical Specifications
1	7" Tablet based Aadhaar Enabled Biometric Attendance System(AeBAS) with STQC Certified Iris Scanner

Further, all the Principals of all Government, Private Aided & Unaided Polytechnics of Andhra
Pradesh including the offices of two RJDTEs and other Institutions under the control of this department
are hereby instructed to procure the above specified Biometric Systems from the available budget/Non-
Government funds/IRG or any other institutional fund of the respective Polytechnics.

Further the Principals are requested to approach the District Informatics Officer, NIC at their
respective Districts along with the format enclosed along with this letter for any Guidance in
implementing Aadhar enabled Biometric Attendance System. The compliance report should reach this
office by 31-07-2016 without fail.

Encl: 1. Technical Specifications given by M/s APTS
       2. Appendix 'A' – Application format for Organization On-boarding

Sd/- B. UDAYALAXMI
COMMISSIONER

To,
All the Principals of Govt., Private Aided & Unaided Polytechnics
        and other Institutions under the control of this department.
Copy to RJD(TE)s.
Copy to Stock- file/Spare.

For COMMISSIONER

Appendix 'A' – Application format for Organization On-boarding

Organization Type	[ ] Ministry [ ] Department under Ministry [ ] Attached Office [ ] Autonomous Bodies [ ] Central Offices [ ] Semi Government Office [ ] State Government [ ] Central Public Sector Unit
Organization Name	
Address	
District	
State	
NIC Coordinator Mobile	
NIC Coordinator e-Mail	
Website	
No. Of Employees	
Office Timings	

Nodal Officer Name	
Aadhaar No	
Designation	
Mobile	
E-Mail	

Date:

Name & Designation
Head of the department with Signature & Seal

Specifications of 7" tablet based Aadhaar enabled Biometric Attendance System with STQC Certified Iris Scanner:

Sl. No.	Description	Specification
1	Processor	1.0 GHz Quad Core or better
2	Display	7 inch ; 1024x600 resolution
3	Memory	8GB with expandability up to 32GB
		RAM - 1 GB
4	Connectivity	Wi-Fi 802.11 b/g/n
		Bluetooth v4.0
		Micro USB v2.0 port – 2 Nos. (with OTG support) or One Micro USB v2.0 Port and one round pin charger connector. (Any other arrangement fulfilling charging of tablet device while USB port is in use for data connectivity is also acceptable.)
		Single SIM (with 2G & 3G support)
5	Audio	Microphone with High Amplitude Speakers
6	Operating System	OS – Android Kitkat or latest versions
7	Location Technology	GPS/AGPS
8	Battery	3000 mAH or above
9	Screen Guard	To be provided with clear finish screen guard
10	Warranty	3 Years Onsite Comprehensive Warranty
11	Certification	BIS Certified
12	Iris Scanner	• STQC/UIDAI certified Iris Scanner aesthetically integrated with tablet in a single mould. • API/SDK for Android (4.0 and above) platform • Vendor has to provide all necessary technical support for integration of their device drivers with attendance software and associated UIDAI applications. • Device should be plug and play with any android (4.0 and above) tablet without need of any additional license to be deployed. • The device should have integrated micro USB • Device must come with connector cables to allow connection of the device to micro USB and standard USB ports. •
13	Response time	<5 Seconds for an authentication transaction in Client-Server environment.
14	Application compatibility	The device should be compatible with NIC attendance application. The proposed device drivers preferably be integrated with NIC attendance application as on the date of submission of bid and the proof of the same shall be submitted. However, If the same is not already integrated with NIC attendance application, Bidder should test the proposed device with NIC attendance application and should submit the report/Mail confirmation from NIC latest by 5.00 pm on 24-06-2016, failing which bid will not be considered for further evaluation.
15	Suitable Stand	Suitable stand to be provided for easy iris capture