

GOVERNMENT OF ANDHRA PRADESH

OFFICE OF THE
COMMISSIONER OF TECHNICAL EDUCATION
ANDHRA PRADESH : VIJAYAWADA

Memo No: K2/1414/Digi-classrooms/ 2017,

Dated: 15.02.2016

- Sub: Technical Education – Establishing of Digital Classrooms – Instructions – Issued - Reg.
- Ref: 1. Instructions of the Hon'ble Chief Minister of Andhra Pradesh during review meeting on dated 07.12.2016.
2. Instructions of the Hon'ble Minister of HRD during Industry Institute Meet - the meeting conducted on 26.12.2016 at Gateway Hotel, Vijayawada.

The 21st century classroom needs a productive environment in which students can develop the skills they will require in the work place. The modern day classroom should therefore be more student -centered and teachers should take the role of the facilitators and guides instead of merely being providers of knowledge. This is made possible with effective instructional methods (pedagogical approaches) aided with technology, thereby enabling students to become **active participants** in their own learning.

In this regard, the Commissioner of Technical Education, Andhra Pradesh desires to establish virtual classrooms in all the Government Polytechnics. This will enable our class rooms into becoming student -centric, techno-savvy, adaptive- learning and participatory classrooms. An action plan to establish these classrooms is given below.

All the Principals of Government Polytechnics are hereby requested to procure / arrange for the following facilities at their respective Polytechnics to establish virtual classrooms.

- 10 MBPS dedicated leased line (exclusively for enabling conduct of classes in virtual classrooms). They are requested to approach the BSNL authorities (other internet providers incase BSNL facilities are not available) regarding 10 MBPS dedicated leased line and meet the expenditure from the available IRG / accumulated Non Government funds of the institution. This connection should be directly connected to the server kept in the Principal's room. The IP address of the leased line is to be intimated to the email ddacte@gmail.com immediately after receiving from the BSNL Authorities.
- The server that shall be procured should be kept in the Principal's room. No deviation in this regard is acceptable.
- LAN networking should be done from the Principal's room to all the classrooms in the institutions.
- Estimations for this ought to be submitted to the o/o Commissioner of Technical Education through e-mail ddacte@gmail.com followed by a hardcopy for ratification.
- The Nodal Principal of the Government Polytechnic in the District Head Quarter is requested to outsource a professional in LAN net working with B Tech (ECE or CSE) qualification and to co-ordinate the completion of LAN networking in all the Government Polytechnics of the District. The remuneration and other expenditure for LAN net working which is to be paid to the LAN net working professional may be paid a maximum of Rs 15000/- per month for such expertise. The remuneration may be shared by all the Government Polytechnics in the District every month from the available IRG / Accumulated Non Government fund of the respective institutions. The services of this professional may be used by all the Government Polytechnics in the district and may be continued even after setting up the LAN networking in all the Government Polytechnics for trouble shooting in the future and maintaining working order in all the Polytechnics of the District. Selected candidate for LAN networking will be given an orientation training at the head office.

- Necessary electrical works for installation of LCD and computer in all the classrooms should be completed by the end of February'2017 and compliance report is to be submitted to this office without fail to the email address ddacte@gmail.com.
- Safety measures to ensure the security of the LCDs, computers in the classrooms is the sole responsibility of the Principal assisted by the Heads of Sections in the institution.
- The Principal is permitted to meet the expenditure for all the above works from the available IRG / accumulated Non Government funds of the institution.
- The existing LCD projectors and computers using for the e lessons may be shifted to the Laboratories / workshops for using them to explain the working procedures of laboratory classes.

The following Action plan with task completion dates are as follows.

S No	Task	Date of Completion	Remarks
1	Approaching BSNL Authorities for 10 MBPS leased dedicated line, estimations and payment of required amount of demand raised by BSNL	20.02.2017	
2	Getting IP Address and submitting the same to ddacte@gmail.com	25.02.2017	
3	Hiring of LAN Net working Professional	20.02.2017	
4	Completion of Electrical and LAN net Works in all classrooms	28.02.2017	
5	Providing security measures for LCDs and Computers in the classrooms	28.02.2017	

For clarification on the above items **Sri T.Rambabu, Network Administrator, Mobile No.85002 63793, E-mail ID: rambabucce@gmail.com** may be contacted.

Sd/- G.S.PANDA DAS
SPECIAL COMMISSIONER

Copy to all Principals of Government Polytechnics in the State
Copy to the RJD's of Kakinada and Tirupathi with a request
to supervise the above activities for effective implementation.


For COMMISSIONER

