

GOVERNMENT OF ANDHRA PRADESH

Office of the  
Commissioner of Technical Education  
Andhra Pradesh:: Vijayawada  
Dt: 20-05-2022

Cir. Memo No. AGC/TLE2022/3

Sub: Technical Education – Academic Guidance Cell (AGC) – Virtual and Digital classrooms - Learning Management System (LMS) – Visual Learning and Virtual Labs - Utilization of resources/Tools in Teaching Learning Process - Certain Instructions Issued – Regarding.

- Ref: 1. LMS content delivered at Institutions through Infoplus Technologies Private Limited in the month of December,2020.  
2. Cir memo. No. No.LMS/2020, Dated: 17.12.2020.

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To meet today's challenge of significantly improving the quality of education and training systems, there is an urgent need for adaptation to and application of new technology to be an integral part of teaching learning practice. In this context, the Commissioner of Technical Education ,AP, Vijayawada has already taken efforts to establish digital/ virtual classrooms as well as to introduce visual learning and virtual lab solutions through **Learning Management System(LMS)** in Government Polytechnics. This kind of ICT based latest technology used to infuse quality teaching, learning, bringing products, machineries, equipment and the Industry virtually to the students of Polytechnics.

It is informed that these solutions are made available to all Polytechnic students through Learning Management System(LMS) and the entire LMS content delivered to institutions through **Hard Disk** in the last week of December, 2020 in order to make availability of content to Teachers and Students. At the time of delivery of Learning Management System content, even installation training and user manual also provided to institutions. The LMS developed for C-16 scheme can be used for C-20 scheme to the maximum extent possible for the topics of the Curriculum. The LMS content is available in the form of Visual Learning (for 131 theory subjects of different branches) and Virtual Lab (for 120 Practical subjects of different branches) in the Hard Disk supplied to Institutions.

In this regard, from the data extracted through TLE Monitoring reports, it is observed that most of the teaching staff are not making utilization of digital/virtual classrooms and LMS as tool for effective teaching and learning. The observation is established by Photographs uploaded by staff as well as from the data for "Used Tools" in TLEM App.

In view of the above, to create effective learning environment, the Principals are hereby instructed to put in use of all digital and virtual classrooms and to expose the utilization of Learning Management System content in day-to-day Teaching Learning process without fail. The LMS content need to be made available to all students in Digital/Virtual classrooms, laboratories and library for utilization. The use of digital/virtual classrooms and LMS content is mandatory for NBA accreditation also.

The Principals should ensure availability of Learning Management System content and should monitor the utilization of the same by the Staff for improvement of learning experience and success of learners in the form of achieving good results.

The receipt of this memo shall be acknowledged.

Sd/- Dr. POLA BHASKAR  
COMMISSIONER

To  
The Principals of all the Govt. Polytechnics in the State.  
The Regional Joint Director, AU Region & SVU Region for information.

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Dy. DIRECTOR(AGO)

