

GOVERNMENT OF ANDHRA PRADESH

ABSTRACT

Higher Education– Technological Reforms towards Streamlining and End-To-End Automation of Academic and Administrative Activities in A.P State Universities and its affiliated Colleges including Govt./Aided/Private – Orders – Issued.

HIGHER EDUCATION (U.E) DEPARTMENT

G.O.Rt.No.63.

Dated:16.4.2020

ORDER:

Andhra Pradesh has been a pioneer in undertaking e-governance initiatives and the employment of technology for the delivery of public services. While many laudable initiatives in the above direction have been taken in various spheres of public service delivery, it is noticed that there is significant scope for the introduction of technology in the functioning of Higher Educational Institutions in the State to usher-in stakeholders' centricity, transparency and accountability. A series of consultations have been held by the Higher Education Department with various stakeholders, including A.P.State Council for Higher Education (APSCHE), various Universities, A.P. Centre for Financial Systems & Services (APCFSS) etc. and several reform areas in the 'Academic' and 'Administrative' domains of the Higher Educational Institutions, have been identified. To implement the technological reforms for streamlining the functioning of the Higher Educational Institutions, the following orders are issued:

2.1. Technological Reforms in Academic Domain:

The following reforms shall be implemented in the Academic Domain of the Universities and its affiliated institutions:

2.1.1. Course Admission Process: The Admissions Process in Universities and their Affiliated Colleges (including Govt./Aided/Private) for all courses including U.G, P.G, Ph.D., Post-Doctoral Courses etc. shall be automated from end-to-end. Through this module, the processing of admission into various courses in the Universities and its affiliated Colleges including the Government, Government-Aided and Private colleges shall be carried out completely online duly covering the processes of student registration, counselling, allotment of seats & confirmation of admission etc.

2.1.2. Semester Examination Process: Semester Examinations Process in Universities and for their Affiliated Colleges (including Govt./Aided/Private) for all courses including U.G, P.G, Ph.D., Post-Doctoral Courses etc. shall be automated from end-to-end. This shall cover, inter-alia, the examination application process, student fee payment, issue of hall tickets, exam attendance monitoring, coding and decoding of answer scripts' bar codes for effective evaluation, recording and publication of results and issue of original degrees, other marks memos etc.

2.1.3. Colleges and Courses Affiliation: For streamlined regulation of colleges and courses being offered by various Universities, the end-to-end Process of awarding affiliation for Colleges & Courses shall be automated. Among other things, this will eliminate the scope of gullible students being duped into enrolling for bogus colleges/courses.

2.1.4. Single Source Analytical Real-Time Dashboard: A Real time dashboard shall be developed for real-time granular data on key indices across various aspects of Admissions and Academics progress of both Students and Staff of Universities and their affiliated Colleges (including Govt./Aided/Private). The dashboard shall serve as a key aid for operational decision making as well as policy framing/analysis.

For example, Universities and their affiliated Colleges (including Govt./Aided/Private) shall upload the Academic Performance Record of each student in the Student Academic Service of the Institution immediately after the declaration of results of Internal / Semester / End of Year examinations as applicable to the course and share the academic results data, on a real-time basis, by a secure web service.

2.2. Technological Reforms in Administrative Domain:

The following technological reforms shall be implemented in the Administrative Domain of the Universities and its affiliated:

2.2.1. e-M Book: Regarding the engineering works undertaken in the Universities and Govt. /Aided Higher Education Institutions, the M Book shall be automated. The electronic M Book (e-M Book) shall provide for digital recording of progress of project works carried out in the Universities and Govt./Aided Higher Educational Institutions affiliated to them, with suitably defined monitoring layers for each work, including milestones, objectively verifiable indicators, means of measurement etc.

2.2.2. Human Capital Management: Considering the large number of human resources employed by the Universities and by their affiliated institutions (including Govt./ Aided) in multiple categories, it is imperative that the system for management of the human resources be automated to avoid inordinate delays, physical drudgery and other inefficiencies. Therefore, the entire Human Capital Management System shall be automated and as part of the same, all human resource-related functions in the Universities and their affiliated colleges (including Govt./Aided/Private) shall be carried out in online mode. The records of the employees (regular, contract, outsourcing etc.) in the Universities and their affiliated colleges (including Govt./Aided/Private) shall be operated and maintained digitally for quick audit, analysis and reporting.

2.2.3. Other (Non-HR) Administrative Processes: All other (non-HR) Administrative Processes in the Universities and their affiliated colleges shall also be automated under the e-Administration Module.

2.3 Standardizing the Processes and Procedures across Universities:

For effective implementation of the aforementioned reforms in the academic and administrative functions, necessary process studies, streamlining/re-engineering exercises shall be carried out to bring in appropriate standardization in the processes and procedures being adopted across Universities and their affiliated institutions.

It is also to be noted that the reforms shall not just be limited to those mentioned above but also all the necessary functions shall be automated to the extent possible and the study of the processes shall identify the process gaps and fix the issues wherever possible with the use of technology at the earliest for bringing more transparency and accountability.

3. Roles and Responsibilities:

APCFSS has been identified as the Technology solution provider and implementation partner for operationalizing technological reforms towards streamlining and end-to-end automation of academic and administrative activities in A.P Universities and their affiliated Colleges (including Govt./Aided/Private). Following roles and responsibilities are assigned for effective operationalization of the reforms:

Sl. No	Official Authority	Responsibility
1.	Special Chief Secretary to Govt, Higher Education Department.	Overall Monitoring of the implementation of the reforms in the academic and administrative domains of Universities.
2	Chairman, Andhra Pradesh State Council of Higher Education (APSCHE).	Coordination with Universities & eliciting necessary cooperation from the Universities for all the reforms.
3	Special Commissioner, Collegiate Education.	Coordinating & eliciting necessary cooperation from Degree Colleges as a Nodal Point of Contact for implementing relevant reforms in Degree Colleges (Government and Aided).
4	Vice Chancellors of state Universities under the administrative control of Higher Education Dept.	Appoint Nodal Officers for necessary coordination with APCFSS and ensure smooth Project roll out and implementation in the respective universities. Extend necessary cooperation by way of providing necessary data, insights etc.
5	Chief Executive Officer, A.P.Centre for Financial Systems & Services (APCFSS).	Automation of processes mentioned at paras 2.1 through 2.2. and also carrying out the consulting exercises mentioned at para 2.3. Plan of action and Weekly progress of these initiatives against the plan shall be reported to the Government promptly.

4. The Special Commissioner (Collegiate Education), Vijayawada, Chairman, Andhra Pradesh State Council of Higher Education (APSCHE) and Vice Chancellors of State Universities under the administrative control of Higher Education Department and Chief Executive Officer, A.P. Centre for Financial Systems & Services (APCFSS) shall take necessary action in the matter and shall actively extend their complete support in operationalizing and implementing the technological reforms across the State.

(BY ORDER AND IN THE NAME OF GOVERNOR OF ANDHRA PRADESH)

SATISH CHANDRA
SPECIAL CHIEF SECRETARY TO GOVERNMENT

To

The Special Commissioner, Collegiate Education, Vijayawada.

The Chairman, A.P. State Council of Higher Education (APSCHE), Managalagiri.

All the Vice-Chancellors under Administrative Control of Higher Education Department.

The Chancellor of RGUKTs-A.P.

The Chief Executive Officer,

A.P. Centre for Financial Systems & Services (APCFSS).Vijayawada.

Copy to:

OSD to Additional Chief Secretary to Chief Minister of A.P

The Secretary, A.P Higher Education Regulatory and Monitoring Commission,
Tadeaplli. Guntur District.

OSD to Minister for Education.

PS to Special Chief Secretary to Govt., Higher Education Dept.

Sf/Sc.

//FORWARDED:: BY ORDER//

SECTION OFFICER