

**Governor's Secretariat
Raj Bhawan, Rajasthan**

F.1(4)(22)RB/2018 Part-1/ 285

Date: 21.01.2021

Minutes of Meeting

As per directions of Hon'ble Governor in Vice Chancellor's Coordination Meeting held on 4th November 2019, a Committee was constituted under the Chairmanship of Prof. A. K. Gahlot, Member, Governor Advisory Committee with an objective to implement a state level uniform e-governance, data management and automation under "Smart University" concept in Rajasthan.

To discuss the recommendation of the Committee, a meeting was convened under Chairmanship of Shri Subir Kumar, Secretary Governor, on 28th December, 2020 at 11:30 AM in the Conference Hall at Rajbhawan, Jaipur.

Following members attended meeting:

- Shri Virendra Singh, Commissioner and Special Secretary to Government, Information Technology & Communication Department, Rajasthan, Jaipur
- Prof. A. K. Gahlot, Member, Governor Advisory Committee and Chairman of Committee on e-Governance, Rajbhawan Jaipur.
- Ms. Jyoti Luharia, AD, Information Technology & Communication Department and her technical team.

Chairperson invited the views of the members on the agenda issue.

Meeting initiated with the Presentation by DoIT & C. Views and issues of DoIT are as follows:

- DoIT & C has vision to develop an integrated platform.
- Mandate is to develop an integrated platform to automate all the academic processes of College and University students from admission to award of degree.
- Uniform guidelines for storing, managing & sharing of data to different stakeholders.
- Most Universities are presently implementing small piecemeal applications.

- Single Application will be developed for all Universities across the State.
- Single database for affiliated Colleges, approved subjects, students under different universities.
- In present scenario data available with vendors and is not kept confidential.
- Single agency for implementing the academic applications across the State so that the work can be managed at one place for better coordination and implementation.
- RISL is a state nodal agency for IT projects, which involved in implementation of 100+ IT Projects in the State.
- Well versed with the academic eco-system, process & variations at University level. RISL has already implementing many of the major modules for different stakeholders.
- **ITI Ltd. charging 250 Rupees per student considering 27 lacs of students per year across 10 University while cost for RISL is reaching up to 105 Rupees.**
- RISL has developed modules of
 - Admission Management
 - Enrolment Management
 - Examination Management
 - NOC/ Affiliation
 - Website
 - Student Course Information System
 - E- Library
 - Biometric attendance
 - Knowledge sharing
 - E-learning

Commissioner, DoIT & C:

- DoIT & C has in-house competence to take up the Assignment.
- On line document verification of the students will be integrated with Digi- locker in an integrated solution.
- University data format will be standardized to bring uniformity amongst SFUs and affiliated Colleges.
- Team will be inculcating hybrid model where team size will be increased and decreased as per requirement of assignment.
- There will be seamless integration of RISL and DoIT & C.

- RISL will take care of ownership of Data.
- For catering local and site based requirements of Universities, staff will be arranged.

Prof. (Dr.) Col. A. K. Gahlot, Chairman of the Committee on e-Governance in SFUs, held a presentation on State University Management System (SUMS):

In the presentation, he detailed ideal criteria for considering ERP and Web-based e-Governance in SFUs, on account of which the Committee recommended ITI Ltd. (A Govt. of India enterprise). These are summarized below:

- Experience of ERP Product in executing an e-governance web-based portal/solution with workflow engine in Indian State/Central Government University on MSM model with more than 1.5 Lakh Students implemented in at least 10 Indian Government Universities with a mix of affiliating Universities and Special purpose deemed Universities including universities established for specific areas like Agriculture, Veterinary, Medical, skills, Technical etc.
- Experience in use of IT/ ITeS (Information Technology Enabled Services) component to facilitate the process including Student Lifecycle right from Registration till Admission Confirmation, Examination including Student Registration, Assessment, Examination Assessment, Teacher Recruitment, College Affiliation, Finance and Accounts processes through Implementing & Maintenance of application, which includes application form submission, payment collection, updating status/ results and publishing of reports, dashboards etc. or such process automation in Central Government/ State Government Universities covering end to end Computer Based Student and Employee Lifecycle etc.
- Definite experience in Managed Services Model (MSM) to handle the implementation activities and customization requirements of the software product.
- Commitment in the ever-changing functional requirements including continuous handholding, training, and upkeep of Computer Server, Security of data, hosting of software product on datacenters and at University.
- Adequate technically qualified manpower at the disposal of implementing agency.

- Proper Quality and Information Security related process certifications on ISO and Capability Maturity Model Integration (CMMI).
- Sound financial capability of Software implementer is a must for such important, large and prestigious project.
- Software Product's Original Equipment Manufacturer (OEM) need to provide duly filled Manufacturers Authorization Form (MAF).
- Vendor should be a company registered in India under the Indian Companies Act or a registered partnership company / firm / society and existing for the past 10 years.

He appreciated the zeal of the IT team of RISL in presenting the complete e-governance vision in a university. He advised that RISL should endeavor to start implementing these modules fully in some Colleges and then all the modules in all the Colleges of a University in a timeline of next five years. He, however, was of the opinion that at present SFUs shall prefer to take advantage of experience of any firm like ITI Ltd. rather than to become platform to provide experience to a new comer. RISL should venture to qualify above mentioned ideal criteria.

During discussions, Prof. Gahlot expressed concern over long undue delay in lieu of getting approval of FD on the proposal from Rajbhawan finalized after a thorough exercise and willingness of all Vice Chancellors of SFUs to implement. He pointed out that Hon'ble Governor and Chancellor put up 'Smart University' Concept in Nov., 2019, formed e-governance committee in Dec., 2019 and got the report presented in Kulpati Samvad on 7th Feb., 2020. But thereafter the matter is pending with FD for its formal approval to have single source procurement of a proprietary product 'SUMS' from ITI Ltd. as per provisions of the RTPP Act.

He further added that in the NEP 2020 much emphasis has been given to complete automation in Higher Educational Institutions (HEIs) integrated to a central portals of GEC and other bodies under Ministry of Education along with ABC, Digi-locker, payment gateways etc. in order to be in national sync with other HEIs. NEP 2020 has required that each HEI will display commitment to institutional excellence, engagement with their local communities, and the highest standards of financial probity and accountability. The thrust of technological interventions will be for the purposes of -

- Improving teaching- learning and evaluation processes,
- Supporting teacher preparation and professional development,

- Enhancing educational access,
- Streamlining educational planning, management, and administration
- Processes related to admissions, attendance, assessments, etc.

All SFUs need to chalk out strategic plan to integrate technologies. This can be addressed through adoption of a robust ERP based Integrated University Management System (IUMS), On Screen Evaluation System (OSES), Learning Management System (LMS) etc. SFUs should make all-out effort to have such ERP based modules in place to address all thrust points of technological interventions [Ref. NEP Point14.4.2. (d); 23.5.; 24.1., 2., 3., 4.].

He was of the view that SFUs need to prepare for displaying commitment to institutional excellence, engagement with their local communities, and the highest standards of financial probity and accountability by initiating implementation of the ERP based University Management System (UMS) to preferentially qualify for central funding (Ref. NEP Point19.5.).

As per Prof. Gahlot, for leveraging digital technologies, this Policy recommends the following key initiatives:

- Online education
- Digital infrastructure
- Online teaching platform and tools
- Content creation, digital repository, and dissemination
- Addressing the digital divide
- Virtual Labs
- Training and incentives for teachers
- Online assessment and examinations
- Blended models of learning [Ref. NEP Point9.3.; 10.10.; 24.4. (i)].

All these can be addressed through adoption of a robust UMS. SFUs should make all-out effort to have it in place, along with Learning Management System, On-screen evaluation system etc. [Ref. NEP Point14.4.2. (d); 23.5.; 24.1., 2., 3., 4.].

After deliberations of Commissioner DoIT & C, and Chairman of Committee on e-Governance, Chairman and Secretary to Governor was of the view:

- In view of National Education Policy (2020) and in light of justification submitted, DoIT & C should rationally evaluate the proposal for

recommendation of granting exemption to ITI Ltd. (a GOI PSU) for single source procurement. The services of PSU is proposed to be hired for fast implementation of the concept as per the requirement of new Education Policy with existing experience of working in around 50 Universities across the nation and abroad including 08 Universities within the State.

- It was directed to Chairman of the Committee on e-Governance to review financial disparity of per student cost, quoted by RISL and ITI Ltd.
- Chairman of Committee should clearly differentiate between proposal given by ITI Ltd. and RISL giving technical and financial comparison, to work out techno-financial viability of the proposal before being brought to the notice of FD for approval of existing proposal.

Meeting ended up with thanks to Chair by Member Secretary.


(Dr Anuj Saxena)
Member Secretary

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Copy forwarded to the following for information and necessary action.:

1. Principal OSD to Hon'ble Governor, Raj Bhawan, Jaipur.
2. Prof. A. K. Gahlot, Member, Governor Advisory Committee, Rajbhawan Jaipur.
3. PS to Secretary Hon'ble Governor, Rajbhawan, Jaipur.
4. PS to Commissioner, DoIT&C, IT Building, Jaipur.


OSD-I, Higher Education