ICT Policies for Lab Infrastrucure

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I. INTRODUCTION

The institute has separate ICT (Information Communication Technology) Cell having technical members designated as Lab Technicians with leaders monitoring them and their works assigned. In this paper, We examine the potential integration of Labs concepts of open and user driven innovation with Future Internet experimentally driven research approaches. We have elaborated the lab number, total numbers of computers, nature of lab and configuration for lab. We have discussed some Steps to monitoring and maintenance of Lab Computers. There are some computer lab rules which should follow every one. If any of the above provision be breached, the ICT department depending on the degree of violation will either warn or suspend the stud.ent from the Lab and Principal's office will be informed immediately for their record. The student will remain under suspension until the student can show and prove genuine reasons NOT to re-offend.

II. POPULARITY

Operational collaboration among Future Internet, Living Labs and Smart Cities initiatives and resources requires the definition of collaboration processes and infrastructures around a specific innovation opportunity. As an example, within TEFIS a simple sequential collaboration model has been elaborated for the purpose to serve an experimenter and to boost the usage of different assets from individual facilities as a unified service-offer to attract more users of the facilities and to be able to serve the fully service development life-cycle of a Future Internet service developer. Based on the cases and on mechanisms for access, sharing and governance of common assets, we seek to elaborate a simplified framework and typology of effective forms of collaboration to accelerate the development towards open innovation for "smart cities". Two levels of collaboration can be distinguished; namely, strategic collaboration for setting up innovation conditions and operational collaboration for implementing innovation processes

Labs with their nature and details of Computers: In the below table we have elaborated the lab number, total numbers of computers, nature of lab and configuration for lab.

There are some Steps to monitoring and maintenance of Lab Computers:

- Plug all computer equipment into a surge protector.
- Firewall is set up.
- Update lab computers like monitoring, deleting unnecessary files etc. on weekly basis.
- Anti-virus program on the computers and/or network.
- Back up of computers on a regular basis.
- Hard disc is cleaned up
- Turn off all computers by selecting the shut down option on the desktop.
- Clean computer labs regularly.

4. There are some computer lab rules which should follow every one. Rules are mentioned below:

- Lab Technician/Programmer must is in the computer lab while students are using it.
- The lab would be locked when no staff is present.
- The usability of lab is permitted only to the existing batches of students. Outsiders are not allowed into the lab.
- Keep your bags outside of the lab in the provided racks.
- Users are responsible for their own personal belongings. College authority is not responsible for lost or stolen items.

- On their way out of the computer labs students
- DO NOT install any software in the lab which is not required. All the required software's are already installed in the computer systems. In case of any additional requirement you are welcome to discuss with the lab authority.
- DO NOT alter any setting and configuration of computers in the lab.
- Inform the lab technician immediately if a computer is not working properly. DO NOT tries to repair the equipment yourself. Further you are not allowed to disconnect or move any equipment in the Lab.
- Users are solely responsible for the backup of their important and sensitive data either by saving it locally on hard drives or to portable storage Media such as CDs, pen drives and DVDs.
- ICT department WILL NOT be liable for any data loss caused by computer breakdown or by the routine system maintenance.
- In case of non availability of workstations in computer lab students are allowed to use their own laptops, tablets and other computer related devices.
- may be checked by security personnel.
- Lab computers are strictly for academic purpose only. Therefore you are encouraged to use them to maximize your learning capacity. Browsing the following website and activities are considered inappropriate: Music and Video Download, Chat Boards, Gaming, Excessive social networking etc.
- Eatables are not allowed in the lab.
- Silence must be maintained in the lab. Keep your mobile phones switch off or on vibration mode.
- NO group discussions are allowed in the lab.
- Always log off the computer in the proper manner while leaving the lab.
- Keep your computer lab clean. Please dispose of your own trash and pack out any items you brought with you. Place your keyboard, mouse to their normal position and push in your chair when leaving the lab.
- Be courteous, be polite, and show respect to other students, staff and Lab technicians. Any cases of Indiscipline may lead to suspension from the Lab.

LAB NO	TOTAL NO. OF PC	NATURE OF LABS	Required Computer Configuration for lab
1	60	Database Lab	Make- Acer/HCL, Processor- Dual Core, RAM-2 GB/ 1GB, HDD-320 GB, Monitor-TFT, NIC-yes, KB- yes, Mouse- yes.
2	60	Programming Lab-Project Lab	Make- Lenovo/HP, Processor-Core i5 , RAM-4GB, HDD-500GB, NIC-yes, Monitor-LED, KB-yes, Mouse-yes
3	60	Programming Lab-C/C++ Lab	Make- Acer/HCL, Processor- Dual Core, RAM-2 GB/ 1GB, HDD-320 GB, Monitor-TFT, NIC-yes, KB- yes, Mouse- yes.
4	60	Programming Lab-Cisco Lab	Make- Acer, Processor- Dual Core, RAM-1 GB, HDD-320GB, Monitor-TFT, NIC-yes, KB- yes, Mouse- yes
5	60	Programming Lab- Dot Net Lab	Make- HP, Processor-Core i5, RAM-4 GB, HDD- 500 GB, NIC-yes, KB-yes, Mouse-yes, Monitor-LED
6	60	Programming Lab-Linux Lab	Make- HP, Processor-Core i5, RAM-8 GB, HDD- 500 GB, NIC-yes, KB-yes, Mouse-yes, Monitor-LED
7	60	Animation Lab	Make- HP, Processor-Core i5/ i3, RAM-8 GB/4 GB, HDD- 500 GB, NIC-yes, KB-yes, Mouse-yes, Monitor-LED
8	60	Communication Lab	Make- Acer, Processor- Dual Core, RAM-1 GB, HDD-320GB, Monitor-TFT, NIC-yes, KB- yes, Mouse- yes

III. CONCLUSION

This paper explored the integration of labs concepts with Future experimentally driven research approaches. On the one hand there is a clear need to enhance user involvement, open and user driven innovation such as in Labs often requires the access to testbed facilities and technical resources and capabilities. We therefore foresee an increasing need to create easy and context-specific access to common technical and non-technical

resources and capabilities that can be shared for complex experimentation and innovation projects.

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