



## **Financial/Budget plan analysis of information technology center (ITC) at Sayed Jamaluddin Afghani University**

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### **Abstract**

The main purpose of this paper is the analysis of financial /Budget planning of Information Technology Center(ITC),at Sayed Jamaluddin Afghani University, as well as this paper explains the General possibility and solution for the establishment of Information Technology Center at Sayed Jamaluddin Afghani University, it means it develop the financial Concept to established Information Technology Center at Sayed Jamaluddin Afghani University, Beside these this paper will encompass Budget plan for the staff Salaries, Electricity, Maintenance, Internet, Modern media, Equipment, Logistic, new Software and Update, Technical support, Configuration and Installation and Campus Network of Information Technology Center, the Challenges and problems of Budget planning Of Information technology Center and its possible solutions are suggested, after the Implementation of this Concept, it will be possible to Overcome all the currently available Challenges and problems.

**Keywords:** Financial/Budget plan, Information technology Center, University of Sayed Jamaluddin Afghani

### **Introduction: Financial /Budget planning**

It is general fact that finance for any Organization and especially for IT organization is base and prerequisite to run and survive. Otherwise, Organization without Budget will not survive. Covering the exact and rigid budget for Information Technology Center is beyond the scope of this paper. But still, the Main Concern is some general's Financial/Budget Planning challenges, problems and solutions, suggestions and requirements will point out in this paper. Therefore, before establishing Information Technology Center at Sayed Jamaluddin Afghani University. It would be better to strongly consider the financial or budget issue it is actually a big challenge for such country like Afghanistan, which has been in the war. And all economic bases have been destroyed during the war. most of the expenses for Afghanistan providing foreigner countries now foreigner countries trying to rebuild and recover Afghanistan. In the area of IT budget, some foreigner donors like German federal foreign department, DAAD, NATO, World Bank and USAID etc, they support IT Budget in Afghanistan. but the problem is sustainability. They will not proceed with continuous support of budget for IT. the foreign donor just doing project for short period of time, then they stop support which brings inconvenient interruption of progress, then another donor comes and starting the same project budget support, it do not care that what was before they just implementing them own project with new rules and regulation. another problem is, the IT is quite new to Afghanistan and there is negligible consideration of Afghanistan's government to IT, there is neither budget nor IT staff in the framework of Universities as Kakar, (2010) [18] mentioned: In Afghanistan Budget allocates to all governmental organization from the finance ministry.in other word, the ministry of finance allocates Budget to the all other ministries.then the financial plan is provided by the respected ministries. Though the term IT is new with the Framework of Universities. And yet there is

neither budget planned for the Information Technology Center at universities and nor recruitment of the staff such as lecturers, System administrator, Network administrator, tutors, guards, and cleaners is yet approved. Another problem, the people in Afghanistan they are not so clear about IT or Information Technology Center's Significance, everything is manual and traditional that could be one reason. for the sustainability purpose to keep the Information Technology Center functioning continuously, then the government of Afghanistan has to give the priority to the IT. My suggestion is for sustainability and improvement of IT infrastructure the government has to specify special Budget for the IT infrastructure. The Information Technology center is non-profit governmental organization and belongs to the University.it is the responsibility of the university administration and Ministry of Higher Education (MoHE), to plan the budget for the Information Technology Center [18, 19]. And another suggestion the government has to provide the strategy for the foreigner's donors those who want to support IT services In Afghanistan. and government have to convince the foreigner's donors for the long-term support.so in this regard financial and budget for overall Information Technology Center related resources should be considered As Peroz, (2009) [3] mentioned: Financial and funding support is the key issue for establishing Information Technology centers in Afghanistan Universities. And it is important to consider that funding and financing IT Centers Cover several needed aspects for instance: Budget for Salaries of IT Center Staff, Maintenance of IT Center (Hardware and Software), Purchasing media, Internet, electricity, Equipment, Purchasing and updating Software. These are explained as following:

### **Budget for staff salaries**

The organizational structure for IT Center is explained in the paper (Organizational Structure Analysis of IT Center

At Sayed Jamaluddin Afghani University). The budget for them salaries is a real challenge because the government of Afghanistan, up to now did not dedicate the budget for the IT Centers staff. There are some foreigners donors specially DAAD and world Bank which supporting the budget for five IT Centers of Afghanistan Universities like Information Technology Centers of Kabul, Herat, Balkh, Nangarhar and Qandahar (ITCK, ITCH, ITCB, ITCN, and ITCQ). The salaries for Sayed Jamaluddin Afghani University IT Center staff are a very important issue to consider. As IT needs more professional and expert employee in a current situation, there is the shortage of IT professionals. Therefore, there is high demand for IT professionals and expert in the governmental and nongovernmental organization, consequently, these organizations offer high salaries. Hence in the budget and financial planning for the IT center salaries of the IT center employees are to be planned and estimated so make sure that they are having sufficiently good, otherwise, it is difficult to find good professional workers to work for the IT Center [18, 19]. The shortage of professional and expert worker is a challenge now, but it will over after a few years because currently most of the Afghanistan Universities already established the faculty of computer Science which will graduate IT experts and professional product of students, hopefully that will fill the shortage of IT Expert and professional staff. but less amount of salaries for the IT Center Staff will be serious problem, because due to the geographical situation of Sayed Jamaluddin Afghani University, which is far from other central provinces and this is difficult to find good IT expert worker with less amount of salaries in this regard the high salary should be considered for the IT staff. To conclude the salaries for IT Staff is a vital issue. The salary should be sufficient. The Ministry of Higher Education (MoHE), and Sayed Jamaluddin Afghani University have to convince foreigner donors to support and assist the Sayed Jamaluddin Afghani University IT Center staff salaries, especially word bank. And for the sustainability the Ministry of Higher Education (MoHE), and University together have to consider a special budget for the IT staff.

### **Budget for electricity**

Electricity is another important and prior requirement of IT Center, which really need the budget for the support and running of Information Technology Center. as Peroz, (2009) [3] point out the Information Technology Center depend on well stable power supply and all IT related systems are very fragile and sensitive, respect to power cut-offs, if the power interrupts during the running time, it will really cause a serious damage and data losses and also makes all users inconvenience. Therefore, the Budget support for stable electricity is indispensable for the IT Center, otherwise it will be impossible to function or run the IT center. So at Sayed Jamaluddin Afghani University Budget for electricity is a challenge because there is the lack of local power supply, as it is mentioned in the paper, and another resource that electricity line from neighbor countries like Uzbekistan, Turkmenistan and etc are not yet planned to the Kunar province maybe due to the security situation. Thus, there is no any other way for the local electricity.it should be better to consider alternative power supply such as solar power supply system, wind power supply system and generators. Among these resources, two of them will be suitable due to the Sayed Jamaluddin Afghani University situation solar

system plus generators, Hence a source of fund is required to supply sustainable power supply for the IT Center. It would be better to find fund and estimate budget to provide solar power for IT center. Solar power though requires High initial investment but very low running cost. It is most suitable for IT center [18, 20]. Beside this due to some technical and weather problem with a Solar system it would be better to have generators as backup or assistance purpose, that will avoid the Cut-offs and interruption of electricity and guaranty the stable power to the IT Center. Compare to other IT Centers of Afghanistan Universities like Information Technology Centers of Kabul, Herat, Balkh, Nangarhar and Qandahar (ITCK, ITCH, ITCB, ITCN, and ITCQ). The Sayed Jamaluddin Afghani IT Center has different situation respect to the electricity support as it mentioned above the other IT Centers have stable power supply from many resources such as local power supply and the electricity line which came from Uzbekistan and Turkmenistan. Because of this the budget for electricity problem is solved for them, but for the Sayed Jamaluddin Afghani University IT Center the Budget for electricity is a big challenge, so in this case there should be strong consideration about Budget for the electricity the Ministry Of Higher Education( MoHE), and University of Sayed Jamaluddin Afghani are suggested to specify special budget for the electricity, as well as they, have to convince foreigners donors to support the Budget for the electricity of IT Center.

### **Budget for maintenance**

To keep the Information Technology Center a life, then there is need of maintenance according to software and hardware both needs Maintenance. The budget for maintenance is the top priority. for the following reasons, in order to keep an IT Center running well a long time, it requires regular maintenance such as cleaning cases, repairing and replacing broken and failing hardware, Fixing defects, modification of software, correcting fault of the software, etc, to improve performance and sustainability of IT Center [8, 7]. Maintenance of IT Center is a big problem, due to the lack of Budget allocation in University, if in IT Center some devices are damaged or malfunctioning, there are no professional skilled employees to fix or set the problem up. So due to the lack of Budget the damaged devices remains dysfunctional for a long time until a financial source found [18, 21]. Currently, Sayed Jamaluddin Afghani University neither has professional skilled experts nor dedicated Budget for the maintenance of IT. There are more hardware devices which damaged instead to repair or fix, it stacked to the trash. That is really a serious problem. To overcome this problem, then there should be special Budget for the IT Center Maintenance purpose, another reason for Maintenance that day to day technology changes, so IT Center require replacing new technology to old technology, which really need Maintenance as well as Maintenance expert. Otherwise the IT Center will not run properly, eventually it will fail to function if there is no maintenance.so to keep the IT Center well-functioning then the University of Sayed Jamaluddin Afghani have to hire maintenance experts for the IT Center. Compare to other IT Centers, The Sayed Jamaluddin Afghani University IT Center situation is a bit different because it is located in a rural area and outside the University there is the lack of hardware workshops to fix or maintain the IT Center. My

suggestions are from the Ministry of Higher Education (MoHE), and Sayed Jamaluddin Afghani University to specify special Budget for the IT Center Maintenance, and pay special attention to this important issue, as well as the Ministry of Higher Education (MoHE), have to encourage some nongovernmental organization (NGO) to financially support Sayed Jamaluddin Afghani University Information Technology Center.

### Budget for the Internet

As the Internet play very important role in the Information Technology Center, without Internet, the IT Center will be idle. The budget for the Internet is a big challenge, because currently, the entire expenses of Internet are providing by NATO and some other foreigners organizations. If they suddenly stop budget support, then the whole IT system will be down. In this case, the government of Afghanistan has to consider, and have to specify special Budget for IT or provide some long-term contract with those organizations which are interested in supporting Internet expenses. otherwise there will be overcompensation problem. As the Kunar province is located in remote and rural area and there are no more Internet services organizations because of that the cost of Internet is high than others provinces especially those provinces which are located in the zone, and more Internet services companies are active there, therefore the cost of Internet is lower than Kunar province. But generally, all over Afghanistan, the price of Internet is expensive. Baharustani, (2013)<sup>[17]</sup> made research and find out that 44% percent of respondents observed internet prices to be highly expensive, 29% percent said Expansive, while 13% percent stated it is reasonable and 14% percent no responded. You can see the finding of research in the pie chart about Internet service price as following

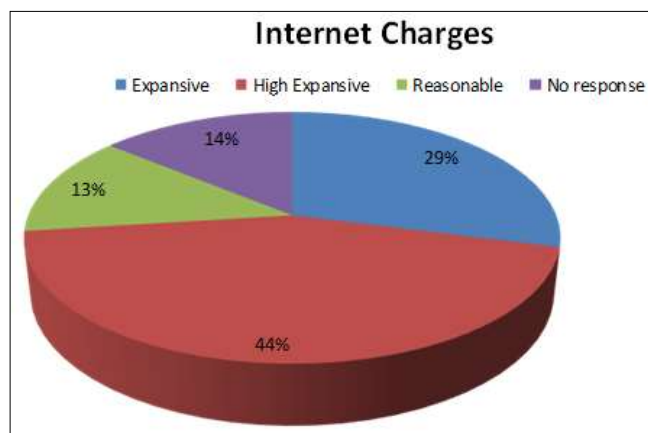


Fig 1: Pie chart of Internet price in Afghanistan<sup>[17]</sup>.

As it is mentioned above that there are many internet services companies in Afghanistan, but in Kunar province very rare internet service companies are active, the Afghan Wireless Communication Company (AWCC), is one of Telecom company, which provide Internet services in Kunar province but expensive. The cost of the internet may reduce in future by the advent of fiber optic Cable, but for a time being this is a problem and have to be considered. otherwise IT Center will not work without good quality internet services. so in this regard my suggestions from Ministry Of Higher Education (MoHE), and Sayed Jamaluddin Afghani University to pay special attention to this problem, they have to enforce the fiber optic project to reach to the Kunar

province because cheap and reasonable internet would be available by completion of Fiber optic project. fiber optic is a ring around Afghanistan. The installation of fiber optic started in 2007 and its work is in progress which will connect all Afghanistan to its neighboring countries. 80% of internet cost would be decreased by completion of this project<sup>[17, 16, 15, 10]</sup>. But it may take some time. Currently the Ministry of Higher Education (MoHE), and University of Sayed Jamaluddin Afghani have to specify a special budget for the Internet and besides this, they have to convince some foreigner's organizations and donors to support internet Budget for Sayed Jamaluddin Afghani University Information Technology Center. They have to prepare a proposal, and request some foreigner's donor to help in this area, for establishing the Information Technology Center.

### Budget for modern media

For the academic and education improvement, there is need of modern media like Information and Communication technology (ICT), as well as multimedia, in the future, the Universities will be increasingly evaluated according to their IT and media competence. New methods in teaching and research always call for the most modern technologies. However, using digital media and elements of virtual teaching may also enrich classic academic classroom teaching (lectures, seminars, and practical exercises), if those new developments are adjusted to the respective subject<sup>[1, 2, 4, 5]</sup>. Per example digital devices (audio/video voice recorder, headphones, Microphones, Cameras, CD/DVDs, Poly com for the video conferences. publishing brochure and newspapers, establishing classroom communication through multimedia devices and etc. As technology getting update time to time and it is coming according to the current requirement and situation, Due to security, easy use, standardization, and modernization. Therefore, it is crucial and requires being Budget for the modern media. And the University of Sayed Jamaluddin Afghani and Ministry of Higher Education (MoHE), should consider the Budget for Modern media when establishing Information Technology Center.

### Equipment/ logistics Budget

Due to the requirement of Information Technology Center, there should be Budget for Equipment and logistics to run IT Center. IT Center is not only software, hardware, and organizational staff, but it also, requires a variety of equipment and logistics (such as stationary, furniture, white or blackboards, desks and chairs, fire extinguisher and sanitary equipment) just like any other institution or department<sup>[18, 11]</sup>. it is important to mentioned that equipment and logistics need continuous budget support that means along with the time IT Center need to purchase new equipment and logistic like notebooks, markers, pens, etc. therefore there should be the budget for the equipment and logistic, as Afghanistan is economically not in a good status because of the last two or three decays war. And any budget support comes from world friends countries. Thus, to reduce the budget expenses for the equipment and logistics, then there should be some policy for the equipment and logistics use. Per example that IT Center staff have to not west more stationary without requirements of them and have to use all equipment very carefully especially the Manager of IT Center have to consider, these things the manager of IT Center should distribute the stationary to the staff according

to the need of staff as well as should make the staff understand to use all equipment without damage, otherwise it will cost too much budget for logistics and equipment. Currently at Sayed Jamaluddin Afghani University for the IT Center there is neither equipment nor logistic so the question is who have to support the budget for it, of course, the University of Sayed Jamaluddin Afghani and Ministry Of Higher Education (MoHE), they have to consider the Budget for equipment and logistics and have to convince the foreigners organizations like DAAD, world bank, USAID and others to support budget for the logistics and equipment per example other IT Centers of Afghanistan Universities like Information Technology Centers of Kabul, Herat, Balkh, Nangarhar and Qandahar (ITCK, ITCH, ITCB, ITCN and ITCQ), which budget for logistics and equipment even though overall IT Centers Budget are supported by Technical University of Berlin (TU Berlin). that functioning well so to establish IT Center at Sayed Jamaluddin Afghani University and function well, then there should be Budget support for all requirements.

### **Budget for new software and Updates**

The budget for new software and Updates are the requirement of Information Technology Center too. And without software IT Center will dysfunction. The problem is the majority of users in Afghanistan, especially at Sayed Jamaluddin Afghani University, use commercial software. It really needs more Budgets for that. The research already shown as the result of this survey Microsoft windows seems to be highly used in the Afghanistan (93.1 %) with a 46.4% of pirated copies being used. Lack of awareness about legal, security and privacy issues of pirated software is another Major finding of [12, 13, 14]. It is necessary and important to follow or obey all rules and regulations of copyrights like procurements, Software updating and purchasing license key etc [1]. So here the concern is not the discussion of pirated software, but to overcome and prevent pirated software then there should be Budget for the software update and license fees, otherwise there will be bad consequences. To reduce the Budget and expenditure for the commercial software license fees, then the good option will be the use of Open source software but the problem is the lack of knowledge of users. Most of the users are unfamiliar with Free/libre and open source software (FLOSS). So, the solution should be the training of FLOSS [22, 18]. For the time being, it will be impossible to implement FLOSS at Sayed Jamaluddin Afghani University, as far as I know there is a lack of professional users but step by step in future by the help of training it will be possible to replace the FLOSS over commercial software. Thus, my suggestions from Sayed Jamaluddin Afghani University and MoHE are to specify Budget for the buying new software and updates and besides this have to make the proposal to the foreigners Organizations to support the budget as well as provide training for the IT Center Users in the field of FLOSS for the sustainability purpose.

### **Technical Support for IT center**

Technical support in the areas of software and hardware is really a crucial requirement for new establishing Information Technology Center especially for the Sayed Jamaluddin Afghani University Information Technology Center. As it not yet established but technical support should be highly considered for Sayed Jamaluddin Afghani

University IT Center. because when it established, due to the current IT situation there are lack of Hardware as well as software, technical users and without technical support, it will be impossible to establish or run the IT center properly. Therefore, the technical support is important and it will improve and help to find solutions for all IT- related problems. Now the question is how and from which resources should the IT Center technical staff get technical support. There are two answers for this question, first from which resources IT technical staff get technical support. And second via which technologies the IT Center gets technical support, the first answer is divided into three parts.

- TU-Berlin.
- Five established IT Centers ITCK, ITCH, ITCB, ITCN and ITCQ.
- Online support.

TU-Berlin is the very suitable technical support source which helps and improves Afghanistan education system especially in the area of IT, which has the program under ZIHK master program for the lecturers of Computer Science faculties as well as training program for the technical staff of IT. As five IT Centers of Afghanistan Universities are already established by TU-Berlin which the Information Technology Center of Kabul, Herat, Balkh, Nangarhar and Qandahar (ITCK, ITCH, ITCB, ITCN, and ITCQ). so TU-Berlin is technically supporting them and running well, Thus, it will be the best that Ministry of Higher Education (MoHE), has to request the TU-Berlin to include the Sayed Jamaluddin Afghani University IT Center into that program, and then this will be a good opportunity for the Sayed Jamaluddin Afghani University IT Center to get support especially technical support. Established IT Centers in Afghanistan's others Universities will be another source for the Sayed Jamaluddin Afghani University IT Center, technical support. Because they already trained and have technical staff and it is possible to help or assist new establishing IT Center like Sayed Jamaluddin Afghani IT Center. It is the best way to get technical support from others IT Centers my suggestions from Ministry of Higher Education (MoHE) is, they have to establish collaboration among IT Centers to find technical solutions for each other's and work collaboratively. there should be some program that each IT Center technical staff have to travel to the other IT Centers for the visiting and share or exchanges the ideas when one IT Center getting the technical problem that has to be shared with other IT Centers technical staff for the experience. The Internet is a good resource for freely available technical support some expert, professional and experienced technical people assisting in solving technical problems those who faced the problem and need the solution [11, 22]. But the problem is when someone needs the quick and urgent answer then he/she may not get on time. Anyway, it is one of the resources for IT center technical staff to get technical support from it. The second answer to the above question is via which technologies the IT Center technical staff can get technical support there are many but some of them as following :Telephone, Skype, SMS, e-mail, online chat, live support, support forums, website tool where the user can log and get technical support from it. Etc [11]. Besides the above-mentioned resources for technical support, the Ministry of Higher Education (MoHE), and Sayed Jamaluddin Afghani University have to convince and request some other foreigners organization to technically

support the IT Center and provide some technical training for the IT Center staff. Because Kunar Province is located in the remote or rural area and compares to other IT centers it really need more technical support.

### Configuration/Installations of IT Center

Configuration and installation of IT Center such as software and hardware need professional, expert and specialist staff, to set up IT center properly. for the IT services the configuration of servers and networks are needed, which will improve and assist research, teaching, learning process as well as administration of University as the configuration refer to technical field, therefore it requires qualified workforce or team [8, 7, 1]. due to security, proper installation group of skilled worker and team of expert is needed to configure and install the software on the workstation. and to advice and supervise the administration of IT Center and its services [2, 5]. it is true and fact that installation and configuration requires eligible, technical, qualified and expert operative to configure the IT Center related components properly, otherwise Misconfiguration, vulnerable and improper installation can cause serious problem. Misconfiguration can open the gate or way to the hackers and bad unauthorized people who are waiting for such opportunity [18]. Configuration and installation for both Software as well as hardware really need expert technical team as above it mentioned so in case of Software configuration there should be expert of software technical team for the IT center.the expert of software team have to consider these important points, the team should configure or install the software on servers and network by correct and wise way.during the software configuration and installation the software expert team must consider security issue,if it is Misconfigured or weakly configured it will cause tremendous problems which will make the IT Center down and fail or dysfunction,during the software configuration they should consider backup facilities and data protection,they should configure the router,switches and firewalls by intelligent,professional and suitable way and during the configuration have to consider all obstacles and threats, expert of software technical team, should install software to workstations, printers, scanners as well as configure or install some antivirus and utilities software's on workstations by appropriate way. The installation or configuration of software's in the IT Center is important issue if we have powerful expert of software team, then we have powerful and excellent IT Center, Therefore the expert software technical team is responsible for entire IT Center software's installation and configuration. in case of hardware installation or set-up for the IT Center there should be hardware expert team, and team have to set-up hardware according to the norm of IT.Expert Hardwar team should consider these points expert team should place servers far from water pipe or tape because servers and all electronic devices are very sensitive to water and humidity, expert team should place servers in safe and protected place,expert team should place router and switches in a suitable and appropriate place because if the router or switches place in inappropriate place then it will cause many problems,expert hardware team should set up cables infrastructure by appropriate and right way. if it is not set-up on right and professional way then it will cause problems, team should install or setup all workstations according to standard and professional way, team should install or setup

PC pools according to the norm of IT such as distances PCs, distances among tables, distances among chairs, placing system UPSs, Sockets on right distance and place. these mentioned everything have to be considered [4]. At last, I can say that The Hardware expert team is responsible for overall IT Center Physical or hardware related devices to install or set-up by the right, professional, appropriate and standard way. Now for the establishment of IT Center in Sayed Jamaluddin Afghani University there will be problem because in Sayed Jamaluddin Afghani University so far, there is no IT Expert team to setup or install the Software as well as Hardware.the possible solution will be, the first way the Ministry of Higher Education (MoHE), have to request the TU-Berlin expert technical team because they already configured and installed other IT Centers of Afghanistan Universities like ITCK, ITCH, ITCB, ITCN and ITCQ which are functioning well and properly.second solution will be the already established IT Centers have trained expert and technical team. They can help to set-up IT Center for the Sayed Jamaluddin Afghani University. The Ministry of Higher Education (MoHE), should provide facilities for them and make the technical team of other IT Centers responsible for traveling to Sayed Jamaluddin Afghani University and help and set-up the IT Center. Third solution before IT establishment the Ministry Of Higher Education (MoHE), and Sayed Jamaluddin Afghani University have to hire technical, professional, well qualified and eligible technical staff and provide training for them and provide the facilities to visit other IT Centers and get experiences then it will be very easy possible to establish and setup IT center for the Sayed Jamaluddin Afghani University.

### Campus Network

A group of specialists has to be responsible for planning and installing a university network in order to guarantee a uniformity and stability of the IT systems in the framework of the University network, which may be extended to become part of nationwide university network [6][15], the campus network have to install or set-up as star topology because it has the following advantages

1. A failure of the single connection does not create problem or failure to entire network,
2. Each connection has same or equal bandwidth [1],
3. Low maintenance,
4. Easy to expand (structured wiring).

The campus network should be set-up the way which allows each connected computer or device to use or utilize all the resources of IT Center as following

- Internet
- Server Services,
- Printer
- Communication with other computers or devices in the network
- Accessing share data

It should be noted that For the security purpose the use of some resources the authentication must be required (login) during the configuration of campus network the security should be considered The campus network is indispensable

<sup>1</sup> "the term bandwidth is used to denote the amount of data that can be transferred via a connection and given time period" [7].

and important requirement for the University it provides more facilities and services for the student, lecturers, and administrative staff. through campus network student and lecturers can access Scientific and research literature of others, can send and receive data among students, lecturers as well as administrative staff. can utilize Scientific networks [8]. currently at Sayed Jamaluddin Afghani University there is no campus network and it is very crucial to build the campus network at Sayed Jamaluddin Afghani University during my application project I have interviewed student, lecturers as well as administrative staff they were complaining about the lack of IT and especially campus network they said: this is the twenty-first century but still we have traditional and old academic system which is a big headache compare to modern computerized academic system. if we have campus network then it will solve most of the problem and it will improve academic activities such as teaching-learning process as well as capacity building and quality of the education. it will also save time and evolve the economical state of Sayed Jamaluddin Afghani University. So, Campus network for Sayed Jamaluddin Afghani University should interconnect the variety of buildings, including administrative, academic, student residence halls, library and others. as currently Sayed Jamaluddin Afghani University has two campuses the distance between them is just one kilometer (1km) and it is necessary to interconnect these two campuses when establishing campus network for the Sayed Jamaluddin Afghani University. Then there should be an expert team to design the campus network properly and extendible that means the way it has to be designed to have the scalable and extensible ability because Sayed Jamaluddin Afghani University is new and year to year it is getting bigger. the number of students and faculties are getting increased. It should interconnect all faculties, university administration, library, student dormitory, and conference hall to IT Center and should be control or monitor from the IT center. For the building campus network at Sayed Jamaluddin Afghani University first there is need to establish IT Center then after that it will be easy and possible to build campus network.

### Results and Discussion

Information Technology Center (ITC) is the requirement of 21 Century for each administration especially for the Universities, therefore in this paper the Financial/Budget planning for the establishment of Information Technology Center at Sayed Jamaluddin Afghani University has analyzed and discussed and the following result has been achieved: at current time the University do not has any special Financial /Budget Planning for the establishing Information Technology Center, Beside that there were lack of IT Professionals and Expert staff, IT public awareness, IT –Education, etc... in the University everything was Traditional and paper base, that faces Many Problems due to the performance of good services, bad economic state etc... to overcome all above mentioned problems it needs to establish Information Technology Center, now the Big Challenge is Budget for the establishment of Information Technology Center, Therefore I have Developed General Budget/plan Concept and possible solutions to establish Information Technology Center (ITC) at the University of Sayed Jamaluddin Afghani, Staff Salaries: this is the first challenge, because in Afghanistan the IT is new, there are

lack of professional and expert staff and very rare expert are available to hire, another problem is at the moment IT expert has very high expectation of Salary and university could not provide very high salary for the lack of Budget, in this regard the government of Afghanistan especially Ministry of Higher Education need to pay Strong Consideration of IT Professional staff Salaries, because without IT Professional it is impossible to run Information Technology Center. Electricity /Power supply: as the power is the soul of Information Technology, therefore this is another Budget Challenge of Information Technology Center, Currently in the University there is lack of Stable power supply, in this case at the moment Solar power system is the Best solution Hence a source of fund is required to supply sustainable power supply for the IT Center. It would be better to find fund and estimate budget to provide solar power for IT center. Solar power though requires High initial investment but very low running cost. It is most suitable for IT center. Internet: internet is another indispensable Requirement of Information Technology Center that to find out the sustainable source of fund for it, Beside Internet Maintenance is another requirement of Information Technology Center, which need sustainable Fund support, if the University request the Ministry of Higher Education and some NGOs and donors to Convince them that Financially support the each part of Information Technology Center such as :Building, Staff Salaries, Internet, Maintenance, Power Supply, Multimedia, New Software and Updates, Hardware, installation/Configuration etc... but the main solution for the Budget Plan of Information technology Center is the requirement of sustainable support, therefore for the whole Information Technology Center it will be better that University have to have special budget for the Information Technology Center.

### Conclusion

This Paper developed the financial/Budget plan concept to establish Information Technology Center at Sayed Jamaluddin Afghani University for this purpose the challenges and problems of Financial/Budget has been mentioned and possible solutions are suggested, like the premise, power supply system, the Internet, hardware and software for the Information Technology Center. building security, renovation of building and requirements of the rooms, electricity and software use and all other requirements of Information Technology Center has been point Out. beside these the general Budget planning for the organizational structure and staff for the Information Technology Center who need to operate the Information Technology Center, like Manager of IT Center technical staff, (system administrators, Network administrator, database administrator, application administrator, electricity as well as hardware support technical staff), IT education like lecturers and tutors. And guards and cleaners for the IT Center explained. beside these the financial or Budget planning for the Information Technology Center, like a budget for the staff salaries, electricity, maintenance, internet, logistic/equipment, software updating, and modern media Has been explained, Installation and configuration of Information Technology Center as well as establishing and configuring campus network described with details. to Conclude that in this paper the main concentration was on General Budget Planning of Information Technology Center, that Shown the

possible ways of Multiple solutions to the Current Challenges and problems, if the University apply this Budget planning of Information Technology Center, then it is possible to establish the Information Technology Center at Sayed Jamaluddin Afghani University.

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