



Shifa Tameer-e-Millat University, Islamabad



University Report
2013-15

Foreword



Shifa Tameer-e-Millat University has completed its three years of existence. With initial two institutions i.e Shifa College of Medicine and Shifa College of Nursing as its constituent colleges the university is gradually growing in more academic disciplines. The degree programmes added in its fold in last two years include Doctor of Physical Therapy (DPT), Doctor of Pharmacy (Pharm-D), BS (Medical Technology), MBA (Health Services), B.Sc (Medical Lab Technology), M.Sc (Nursing) and one year diploma programmes in specialized Nursing.

This report reflects how university has progressed in varied academic, administrative and financial areas. The university management shall continue to provide inputs on its academic affairs to our faculty, students and staff and look forward to whole hearted cooperation and support from all quarters. Together we stand to make this one of the leading universities of the country. Insha Allah.

Dr. Mohammad Iqbal Khan
Vice Chancellor, STMU

STMU Management

Name	Designation
Prof. Dr. Mohammad Iqbal Khan	Vice-Chancellor, STMU
Commodore (R) Mumtaz Raza SI (M)	Registrar
Ch. M. Khalid Mahmood	CFO/Treasurer
Prof. Dr. Mohammad Iqbal	Controller of Examinations
Prof. Dr. Syed Shoaib Hussain Shah	Principal, Shifa College of Medicine
Prof. Dr. Anwar Aziz	Principal, Shifa College of Nursing
Dr. M. Naseem Ansari	Executive Director (AHS)
Dr. Shaukat Ali . PT	Incharge Physical Therapy Department
Muhammad Kashif Khan	Programme Coordinator Clinical Training (DPT)
Dr. Sohail Mahmood	Programme Coordinator, Pharm D
Mr. Zia-ur-Rehman Farooqi	Programme Coordinator, BS(MT)
Mr. Yasir Khokhar	Programme Coordinator, MBA
Dr. Farukh Mateen	Director, Shifa Institute of Medical Tech.

Senate Members STMU

Name	Designation
Dr. Manzoor-ul-Haq Qazi	Chancellor
Prof. Dr. Mohammad Iqbal Khan	Vice Chancellor, STMU
Dr. Anis Ahmad	Vice Chancellor, RIU, Islamabad
Mr. Muhammad Shehzad Arbab	Secretary Commerce Ministry of Commerce
Dr. Habib ur Rehman	Chairman, SIH
Prof. Dr. Mukhtar Ahmed	Chairperson, HEC
Dr. Saeed Akhtar	Professor and Head Department of Urology SCM
Dr. Samea K. Ahmad	Tameer-e-Millat Foundation
Dr. Shoab A. Khan	CEO, CARE – CASE
Commodore [Retd] Mumtaz Raza	Registrar/ Secretary
Mr. M. Iqbal Sheikh	Director, Gunj Glass Works Ltd.
Prof. Dr. M. Zafar Rabbani	Professor and Head Department of ENT SCM
Prof. Dr. Ghulam Haider Khalid	Professor and Head Department of Medicine, SCM
Prof. Dr. Anwar Aziz	Principal SCN
Dr. Muhammad Zubair	Alumni Member, Dept. of Anesthesia SIH

Syndicate Members, STMU

Name	Designation
Prof. Dr. Mohammad Iqbal Khan	Vice-Chancellor, STMU
Commodore [Retd] Mumtaz Raza SI(M)	Registrar
Dr. M Naseem Ansari	Executive Director (AHS)
Prof. Dr. Syed Shoaib Hussain Shah	Principal SCM
Prof. Dr. Anwar Aziz	Principal SCN
Prof. Dr. Munir Iqbal Malik	Professor & Head, Pediatrics
Prof. Dr. Ayesha Junaid	Professor of Hematology/ Pathology
Prof. Dr. Nabia Tariq	Prof. & Head, Obstetrics & Gynecology
Ch. Muhammad Kahlid Mahmood	Treasurer/CFO
Prof. Dr. Muhammad Iqbal	Controller of Examinations

Academic Council Members STMU

Name	Designation
Prof. Dr. Mohammad Iqbal Khan	Vice Chancellor
Commodore [Retd] Mumtaz Raza SI(M)	Registrar
Dr. Muhammad Naseem Ansari	Executive Director, Allied Health Sciences
Dr. Syed Shoaib Hussain Shah	Principal SCM
Prof. Dr. Anwar Aziz	Principal SCN
Prof. Dr. Muhammad Iqbal	Controller of Examinations
Prof. Dr. Gulshan Ara Saeed	Prof. of Obstetrics/ Gynecology
Prof. Dr. Ghulam Haider Khalid	Prof. of Medicine
Prof. Dr. Mamoon Rashid	Prof. of Plastic Surgery
Prof. Dr. Ahsan Hameed	Prof. of Dermatology
Assoc. Prof. Dr. Ashraf Hussain	Associate Professor of Biochemistry
Asst. Prof. Dr. Aamir Nazir	Assistant Professor of Medicine
Asst. Prof. Dr. Atif Rana	Assistant Professor of Radiology
Dr. Shafaat A. Bazaz	Chairman Department of Computer Science, (CASE)
Mr. Muhammad Javed	Chief Librarian STMU

Introduction

The Shifa Tameer-e-Millat University has been established through Parliamentary Act VII of 2012 which was issued in March 2012. The first year of its establishment was dedicated to the creation of administrative and academic structure of the university. Important functionaries like Vice Chancellor, Registrar, Controller of Examinations, Treasurer/CFO and their support staff were appointed. Similarly statutory bodies of the university like Senate, Syndicate and Academic Council were constituted. By the beginning of the year 2013, the university started its academic activities. This report on university therefore covers the period of two years from Spring 2013 till Spring 2015. For a university with three years existence, it may not be very exhaustive report. Yet efforts have been made to present whatever little has been achieved during this brief span of time.

The report has been prepared pertaining to the following aspects as envisaged in para-10 sub para-6 of the STMU Act VII of 2012 under the following four parts:

- | | | | |
|----|----------|---|---------------------------|
| a. | Part-I | - | Academics |
| b. | Part-II | - | Research |
| c. | Part-III | - | Administration/Management |
| d. | Part-IV | - | Finances |
| e. | Part-V | - | Life of STMU |



Part-I - Academics

Academics

The report on academics matters cover the following areas:

- a. New academic programmes launched.
- b. Academic programmes approved by the Academic Council.
- c. Academic infrastructure/facilities added.
- d. Faculty induction/development.
- e. National/international collaboration.
- f. Scholarships schemes for students.
- g. Curriculum development.
- h. Programme accreditation by regulatory bodies.
- j. Meetings of Statutory bodies.
- k. Convocation ceremonies.
- l. Students strength.



NEW ACADEMIC PROGRAMMES LAUNCHED

Soon after the establishment of the university, it was realized that in keeping with its vision this university has to play its role in education and training of vital human resource required for the health sector development. The department of Allied Health Sciences was accordingly created to begin with the idea of producing health professionals in varied disciplines of Medical Sciences. Nine new degrees/diploma programmes as per details given in the subsequent paragraphs have been launched in the last two years (March 2013 – March 2015). All these programmes have been conceived with the support of Shifa International Hospital and Board of Sponsors of STMU.



New Programmes

DOCTOR OF PHYSICAL THERAPY (DPT)

This is five years degree programme which has been developed in accordance with the curriculum and roadmap provided in HEC guidelines. Students in first semester of this programme were inducted in March 2013. It has a bi-annual intake of students, once in Spring Semester (Feb/March) and second in Fall Semester (Sept/Oct) of each year. The programme is becoming quite popular. The existing strength of students in this programme is 190. The clinical part of programme is being conducted in collaboration with Shifa International Hospital.



DOCTOR OF PHARMACY (PHARM-D)

The Degree Programme for Doctor of Pharmacy (Pharm-D) was launched from the academic year 2014 after it was approved by the Pharmacy Council of Pakistan. The FCP has granted NOC for the annual intake of 75 students. Second batch of the Pharm-D was inducted in 2015. Like DPT, a good response of students for admission in this degree programme is quite encouraging. The curriculum and roadmap of the Pharm-D has been developed in accordance with HEC approved guidelines and within regulatory provisions of Pharmacy Council of Pakistan.



New Programmes

BS (MEDICAL TECHNOLOGY).

Medical Technologists are the trained health care professionals who play pivotal role in diagnosis of diseases. It was only in a recent past that a need was felt to develop proper education and training programmes for medical technologists who should be academically and professionally skilled to cope up with complexities of latest diagnostic procedures and equipments being used in medical laboratories. STMU has started four years BS (MT) programme from Spring 2014. The third batch of BS (MT) started in March 2015. The programme is picking up its pace with intake of students increasing in each semester.



B.Sc (MT).

This is an Associate Degree Programme in Medical Technology being conducted at Shifa Institute of Medical Technology (SIMT). It is 68 credit hours course consisting of four semesters which spreads over two years followed by six months internship. The course contents and clinical training modules have been developed keeping in view the professional skill dictates of various specialization and HEC guidelines on Associate Degree Programmes.

MBA (HEALTH SERVICES MANAGEMENT)

This is two years programme meant for those candidates, who wish to adopt health services management as their career or who desire to enhance their professional competence with value added qualification. Candidates with 16 years of education in Medicine, Dentistry and other disciplines of Social and Basic Sciences are eligible to enroll in the programme. It focuses on development of education and skills that are needed to effectively manage health care services. At present 25 students are enrolled in MBA programme.

New Programmes

M.Sc (NURSING).

Shifa College of Nursing (SCN) has been conducting Generic BS(N) programme of four years duration and Post RN BS(N) programme of two years duration. On becoming constituent college of Shifa Tameer-e-Millat University it was felt that academic facilities and faculty should be developed to undertake Master Programmes in Nursing. Accordingly the curriculum for M.Sc (Nursing) programme was developed and forwarded to Pakistan Nursing Council and HEC for approval. M.Sc (Nursing) curriculum has been approved by HEC and it shall be shortly launched.

Post Basic Diploma Programmes in Nursing.

Nursing is gradually becoming more specialized depending on the requirement of meeting special treatment schedule for patients suffering from acute diseases. To meet this need, Shifa College of Nursing prepared training modules of one year Post-Basic diploma courses for nine specialities and submitted the same to Pakistan Nursing Council for approval. Out of these following three diploma programmes with intake of 25 students in each have been approved by Pakistan Nursing Council which are currently being conducted in collaboration with Shifa International Hospital:

- a. Diploma programme in Accident & Emergencies.
- b. Diploma programme in Cardiac Nursing.
- c. Diploma programme in Intensive Care (ICU).



Academic Facilities

ADDITIONAL PROGRAMMES APPROVED BY THE ACADEMIC COUNCIL

Addition of new academic disciplines is an ongoing process. Feasibilities of the following programmes were considered and approved by the Academic Council of the university which shall be launched in academic year 2015-16 subject to availability of required resources:

- a. Master in Health Professional Education (MHPE).
- b. MS in Public Health (MSPH).
- c. MS in Pain Management.
- d. LLB (5 years) programme subject to its approval by Pakistan Bar Council (PBC).

ACADEMIC INFRASTRUCTURE/FACILITIES

The most important aspect relating to building up of Academic Infrastructure is that of space. Every expansion plan in academics is closely associated with availability of proper building of appropriate size and dimension to add facilities like classrooms, laboratories, library, faculty offices and related allied equipment and fixtures..



For the department of Allied Health Sciences which at present runs four degree programmes i.e DPT, Pharm-D, BS (MT) and MBA (HSM) a building consisting of 30,000 sq feet has been hired. This building is located near Federal Board building in close proximity of other colleges i.e SCM, SCN and Shifa International Hospital. Laboratories of DPT, Pharmacy and BS (MT) have been created in this building alongwith a library and a computer lab. However, the space in this building would not be sufficient for additional entries of these programmes. One of these programmes shall have to be moved from this building to some other place for

Academic Facilities



which various options are being considered by the management.

FACULTY INDUCTION/DEVELOPMENT

For an upcoming university like STMU, faculty development is a challenging task. It is more difficult in case of faculty of health sciences where there is acute shortages of faculty specially for the senior academic positions of Associate Professor and Professor. For Shifa College of Medicine, faculty strength as per PM&DC requirement is being maintained. For Shifa College of Nursing, almost all faculty positions of Lecturer and Assistant Professor have been filled. However, two positions of Associate Professor/Professor are available and shall be appointed on availability of qualified faculty. The college would require additional faculty for MS/Ph.D programmes. Similarly the university is facing difficulties in finding properly qualified faculty for the available positions of Professor/Associate Professor for the department of Allied Health Sciences specially for the disciplines of Rehabilitation Sciences and Medical Technology.



Faculty development shall be on the priority list for the subsequent growth of the university. In this regard possibilities and options shall be explored both within the university through its indigenous MS/M.Phil/Ph.D programmes or by availing opportunities through HEC scholarship schemes.

Collaboration

Collaboration with other institutes/universities and organizations for the academic and research pursuits, has remained a corner stone of our vision for pushing STMU into the front line of the leading universities of the country. However, collaboration is always bilateral and largely depends on mutual benefits. STMU has signed MoU with CASE/CARE for conducting joint research activities. This would also require support of Shifa International Hospital. Import of Hospital equipments is very expensive; local manufacturing of these equipment is certainly an option which is possible only with joint ventures of researchers drawn from Medical and Engineering Sciences. This area has great potential to develop. The university in collaboration with CASE shall explore possible sources of fundings to initiate the process.

STMU in collaboration with Shifa International Hospital has been conducting professional development and CME/CDE courses of short duration for which the University has been duly accredited by PM&DC. Similarly the STMU is collaborating with Riphah International University for conducting workshops and conference on Rehabilitation Sciences. Memorandum of Understanding (MoUs) with following universities and organizations have been signed for academic collaboration, sponsorships of students and for strengthening academic links:

- a. **Higher Education Department of KPK for sponsorship of students for MBBS, College of Nursing and DPT.**
- b. **University of Azad Jammu & Kashmir.**
- c. **University of Istanbul, Turkey.**
- d. **Cyberjai University of Malaysia.**

Development

CURRICULUM DEVELOPMENT

Shifa College of Nursing of STMU has played a significant role in preparation and development of curriculum for M.Sc (Nursing) programme at national level. It is indeed an honour for the university that Dr. Anwar Aziz Principal SCN was made member of the curriculum development committee by Higher Education Commission (HEC). We have also nominated the programmes heads of Rehabilitation Sciences (DPT), Pharm-D and Medical Technology) for the HEC curriculum development/revision of these degree programmes. Thus the university is playing its due role for the promotion of education in medical sciences at national level.

PROGRAMMES ACCREDITATION

Accreditation of academic programmes by their respective regulatory authorities is always a time consuming and challenging exercise. Institutes seeking accreditation are asked to fulfill host of conditions including that of educational facilities, processes and of faculty both in quantity and quality. Accreditation of university programmes achieved during the period under review include the following:

PM&DC recognition of Shifa College of Medicine as constituent of Shifa Tameer-e-Millat University was a major issue which finally landed at Islamabad High Court through legal petitions and counter petitions by students, University and Pakistan Medical & Dental Council. Graduates of STMU were initially denied their rights of registration with PM&DC for house job training. After going through nerve testing exercises and by involving expensive legal experts, PM&DC finally recommended Shifa College of Medicine to be included as constituent college of STMU. Notification in this regard has since been issued by Ministry of National Health Services, Regulations and Coordination.

Pakistan Nursing Council has granted accreditation to three post basic diploma programmes in specialities of Accident and Emergencies, Intensive Care and Cardiology. The case for the approval of M.Sc (Nursing) has been submitted. The Council has already carried out academic inspection of the programme. After approval by Pakistan Nursing Council it will be launched from Fall Semester 2015.

Pakistan Pharmacy Council has granted approval for the annual intake of 75 students in Pharm-D programme of the university.

Curriculum and road maps of other programmes of B.Sc (Medical Technology), BS (Medical Technology), DPT, Pharm-D and MBA (HSM) have been developed as per guidelines of HEC

Development

and submitted to HEC.

ACADEMIC REGULATIONS / SCHEMES OF STUDIES

Academic Council of the university is an important statutory body which governs the academic matters of the university. Ever since its inception in October 2012, this body has held nine meetings. Apart from approving scheme of studies and feasibilities of four Master programmes i.e M.Sc (Nursing), MBA (HSM), MHPE and MS Pain Management, four undergraduate programmes and three diploma programmes, the Council has approved Academic Regulations specifying detailed policies on governance of academic matters. It has also approved policies on conduct of examinations, marking and evaluation schemes, policies with regard to appointment of examiners, awards of gold medals and merit certificates to high achievers in the examination. The Council also approved STMU degrees formats for various programmes.



Convocation

CONVOCATION CEREMONIES

The first convocation ceremony of Shifa Tameer-e-Millat University was held on 30 December 2013. President of Pakistan, Mr. Mamnoon Hussain was invited as the Chief Guest on this historical occasion. Number of distinguished guests, faculty and students, official guests and parents of graduating students attended this ceremony which was held at Pak-China Friendship Centre. 93 graduates of Shifa College of Medicine were conferred degrees of MBBS and 48 graduates of Shifa College of Nursing received their degrees.

Second Convocation ceremony of the university was amicably organized on 31 January 2015 at Jinnah Convention Centre, Islamabad. Chairman Higher Education Commission (HEC), Dr. Mukhtar Ahmed graced the occasion as Chief Guest. 94 graduates of Shifa College of Medicine and 67 graduates of Shifa College of Nursing were conferred their respective degrees during this impressive ceremony. A large number of guests (more than 600) attended this convocation ceremony. Chairman HEC, while congratulating the recipients of degrees appreciated and lauded the efforts of STMU for introducing additional degree programmes in medical sciences.



Students Strength

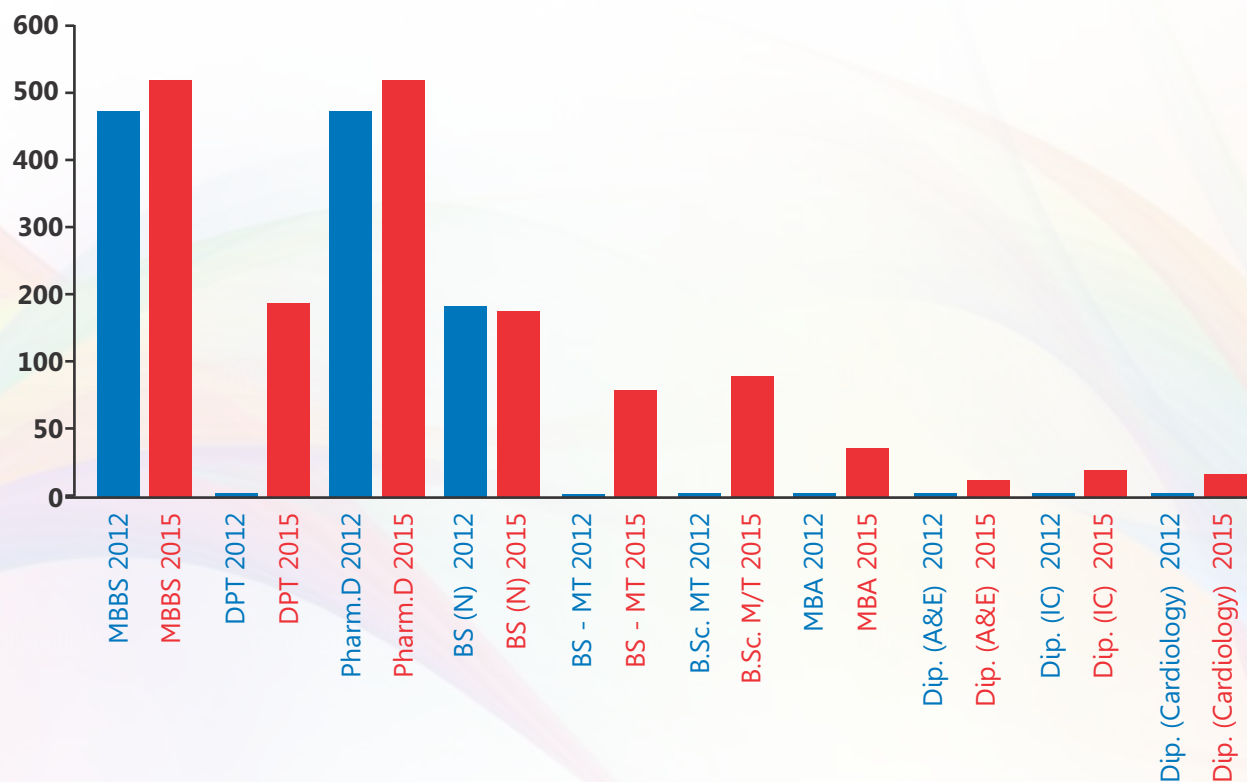
STMU was established in March 2012. It started with Shifa College of Medicine and Shifa College of Nursing as its constituent colleges. Its academic expansion as university commenced from the year 2013 and subsequently number of programmes have been added. The existing statistics of students strength in various degree programmes is as under:

S. No.	Title of Degree	Duration	Strength as on Dec. 2012	Existing Strength	Remarks
1	MBBS	5 Years	483	506	
2	Doctor of Physical Therapy (DPT)	5 Years	-	190	
3	Doctor of Pharmacy (Pharm-D)	5 Years	-	64	
4	BS (N)/BS (N)	4 Years	164	159	
5	Post RN (BS(N)	2 Years	42	81	
6	BS (Medical Technology)	4 Years	-	58	
7	B.Sc (Medical Technology)	2 Years	-	71	
8	MBA (Health Service Management)	2 Years	-	25	
9	Post Basic Diploma in Accident & Emergency	1 Year	-	10	
10	Post Basic Diploma in Intensive Care.	1 Year	-	19	
11	Post Basic Diploma in Cardiology	1 Year	-	13	
Total			689	1196	

SUMMARY

	As on Dec 2012	As on March 2015
Students Strength	689	1196
Number fo Degree/Diploma Programmes	3	11

Students Strength



Part-II - Research

Importance of Research in a university hardly needs any emphasis. However, creation of research facilities requires research fundings and dedicated researchers who normally come from faculty and postgraduate students enrolled by the university for its Ph.D/M.Phil/MS programmes. With the commencement of post graduate programmes, some of which are planned to start from Fall 2015, STMU shall be in better position to activate research in varied areas of medical sciences.

Notwithstanding above, our faculty and students have published number of research papers in the last two years as given bellow.

- a. Research Papers published in 2013 - 17
- b. Research Papers published in 2014 - 31

Total - 48

Details on research areas, authors and journals of publications etc are provided in the list attached. Academic Council of the university has given approval to establish Board of Advanced Studies and Research (BASR) to further regulate the research activities of the University.

Shifa College of Medicine

1.	Prof. Dr. Mohammad Iqbal Khan Dean, Health Sciences and Vice Chancellor	<ol style="list-style-type: none">1. Assessment of Learning Experiences in Medical Education JPMC V18(12) 2014.2. Faciotomy in Revascularization of Late Presenting Acute Limb ischain . WJES Volume 05/15/2011-2014.3. Reverse Sapherons Vain graft for revascularizations of Lower Limb in Diabetic pt. Annall of Vascular Sinjey accepted for publication.4. “What do Medical Students expect in a Teacher”. The Clinical Teacher 2014-11 203-208.
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Shifa College of Medicine 2013

Name of Authors	Designations	Title of Research Paper	Name of Journal	Impact Factor	Volume #	Page #
Ghumman SS Nawaz AJ Azeem MU	Student (SCM) Student (SCM) Student (SCM)	Self-management of headache: a cross-sectional survey in the General Public of Islamabad	Pak Med Assoc.	0.41	63(9)	1210-4
Tayyab A, Masrur A	Associate Professor (Eye) Sr. Registrar (Eye)	Analysis of retinal nerve fibre layer changes in anisometropic amblyopia by Heidelberg retina tomograph	Pak Med Assoc.	0.41	63(12)	1491-5
Alam AY	Assistant Professor	Public health and the undergraduate medical curriculum: are we preparing physicians for the 21st century?	Pak Med Assoc.	0.41	63(10)	1241-7
Niazi AK,	Student (SCM)	Triple versus dual antiplatelet therapy in acute coronary syndromes: adding cilostazol to aspirin and clopidogrel?	Cardiology	1.52	126(4)	233-43
Niazi AK,	Student (SCM)	Is the migrainous brain normal outside of acute attacks? Lessons learned from psychophysical, neurochemical and functional neuroimaging studies.	Expert Rev Neurother.	2.834	13(9)	1061-7
Tayyab A	Associate Professor (Eye)	Convergence of technologies: the print, web and multimedia united to deliver an integrated basic medical sciences course in a resource limited setting.	Coll Physicians Surg Pak.	0.318	23(8)	607-9
Iqbal SP	Student (SCM)	Student seminar on smoking: A novel way to introduce different perspectives on smoking to medical students.	Res Med Sci.	0.608	18(3)	245-51
Tayyab A, Kausar A, Masrur A,	Associate Professor (Eye) Assistant Professor (Eye) Sr. Registrar (Eye)	Management of anisometropic amblyopia in adults.	Pak Med Assoc.	0.41	63(2)	260-2
Khokhar N, Niazi AK.	Professor (Gastroenterology) Student (SCM)	A long-term profile of patients with irritable bowel syndrome.	Coll Physicians Surg Pak.	0.318	23(6)	388-91
Jabeen D.	Director Postgraduate Medical Education	Use of simulated patients for assessment of communication skills in undergraduate medical education in obstetrics and gynecology.	Coll Physicians Surg Pak.	0.318	23(1)	16-9
Shah SS, Mohyuddin A.	Principal (SCM) Professor (Bio-Chemistry)	HLA class I and II polymorphisms in the Gujar population from Pakistan.	Immunol Invest.	1.73	42(8)	691-700
Mohyuddin A Akhtar N,	Professor (Bio-Chemistry) Student (SCM)	A study on the association of TNF- α (-308), IL-6(-174), IL-10(-1082) and IL-1Ra(VNTR) gene polymorphisms with rheumatic heart disease in Pakistani patients.	Cytokine.	3.899	61(2)	527-31

Shifa College of Medicine 2014

Name of Authors	Title of Research Paper	Name of Journal	Impact Factor	Year	Volume #	Page #
Akhter W, Tayyab A, Kausar A, Masrur A.	Reducing postoperative pterygium recurrence: comparison of free conjunctival auto-graft and conjunctival rotation flap techniques.	Coll Physicians Surg Pak.	0.318	2014	24(10)	740-4
Niazi AK,	Omega-3s and cardiovascular health.		0.0	2014	14(3)	399-412
Zafar S, Safdar S, Zafar AN.	Evaluation of use of e-Learning in undergraduate radiology education: A review.	Radiol	1.189	2014	83(12)	2277-2287
Niazi AK	Increased risk of diabetes with statin use: Reconsidering the use of high potency statins.	Adv Biomed Res.	0.0	2014	28;3	128
Rauf A, Shafi R.	Exploring the trustworthiness and reliability of focus groups for obtaining useful feedback for evaluation of academic programs.	Educ Health (Abingdon)	0.0	2014	27(1)	28-33
Qamar R,	IMPG2-associated retinitis pigmentosa displays relatively early macular involvement.	Invest Ophthalmol Vis Sci.	3.361	2014	29;55	3939-53
Sheikh A, Niazi AK, Ahmed MZ, Iqbal B, Anwer SM, Khan HH.	The role of Wnt signaling pathway in carcinogenesis and implications for anticancer therapeutics.	Heredit Cancer Clin Pract	2.10	2014	22;12(1)	13
Kiani Q, Umar S, Iqbal M.	What do medical students expect in a teacher?	Clin Teach.	0.0	2014	11(3)	203-8
Niazi AK	L-carnitine for the treatment of acute myocardial infarction.	Rev Cardiovasc Med.	0.58	2014	15(1)	52-62
Niazi A, Sadaf R.	Measles epidemic in Pakistan: in search of solutions.	Ann Med Health Sci Res.	0.514	2014	4(1)	1-2
Abdullah MA, Basharat Z, Lodhi O, Wazir MH, Khan HT, Sattar NY, Zahid A.	A qualitative exploration of Pakistan's street children, as a consequence of the poverty-disease cycle.	Infect Dis Poverty	0.0	2014	24;3(1)	11
Khan HA, Umar M, Tul-Bushra H, Nisar G, Bilal M, Umar S.	Safety of non-anaesthesiologist-administered propofol sedation in ERCP.	Gastroenterol	0.309	2014	15(1)	32-5
Rauf A, Shamim MS, Aly SM, Chundrigar T, Alam SN.	Formative assessment in undergraduate medical education: concept, implementation and hurdles.	Pak Med Assoc	0.41	2014	64(1)	72-5
Niazi AK	The revival of postpartum intrauterine contraceptive devices.	Arch Gynecol Obstet.	1.29	2014	290(1)	7-8

Department of Physical Therapy

Name of Authors	Title of Research Paper	Name of Journal	Year	Volume #
Usman, Shaukat Ali	Physical Therapy and Maitland's manual joint mobilization techniques, (Grade II and Grade III) are effective to manage the stage I adhesive capsulitis.	IJCRB	2011	3(8)
Shaukat Ali, Farrukh Shahzad	The Effectiveness of Sustained stretching in reduction of post Stroke upper limb Spasticity	IJRS	2012	Jan- Jun
Waqar Ahmad Awan, Muhammad Naveed Babur, Shaukat Ali, Usman Janjua	The Effectiveness of Electrotherapy with Manual therapy in the Treatment of Piriformis Syndrome	IJRS	2012	Jan- Jun
Madiha Neelum, Furqan Ahmed Siddiqi, Muhammad Naveed Babur, Shaukat Ali, Hannan Adeel	The effectiveness of cardiovascular conditioning exercises in congestive heart failure and dilated cardiomyopathy	IJRS	2012	1(2)
Sumbla, Rafaqat, Shaukat	The Effectiveness of Manual Hyperinflation Therapy Plus Postural Drainage and Suctioning to Prevent Ventilator Associated Complications	IJRS	2013	2(2)

Department of Pharmacy

S.NO.	Name	ISI Index Research Article Published in 2014
1.	Dr.Sohail Muhammad	<ol style="list-style-type: none"> 1. Bioavailability study of atorvastatin tablets in healthy Pakistani volunteer's. Therapie. Sohail Mohammad, Usman Arshad, Nasir Abbas, Irfan Parvez, Wajahat Mehmood. Status: Accepted. 2. The Journal of Phytopharmacology. Evaluation of Salvia haeamtodes Linn for their Anti -oxidant, Anti -microbial, Anti -Lipoxygenase and Anti -cholinesterase activity. Ali Ri zwan, Rao Saeed, Taseer Ahmad, Aftab Ullah, Sohail Muhammad Published:November, 2014. 3. Effect of pemetrexed alone or pemetrexed -cisplatin regimens on the liver and renal parameters in adult cancer patients. (Cancer Research: Accepted, 2014). Manuscript number: CAN -14-3220. Nadeem Irfan, Nasir Abbas, Sohail Mohammad, Ajmal Hussain, Zeeshan Danish.
2.	Dr.Rehan Zafar Paracha	<ol style="list-style-type: none"> 1. Paracha, R. Z.; Ahmad, J.; Ali, A.; Hussain, R.; Niazi, U.; Tareen, S. H. K. & Aslam, B. Formal Modelling of Toll like Receptor 4 and JAK/STAT Signalling Pathways: Insight into the Roles of SOCS -1, Interferon-β and Proinflammatory Cytokines in Sepsis.PloS one, Public Library of Science, 2014, 9, e108466 2. Paracha, R. Z. ; Ali, A.; Ahma d, J.; Hussain, R.; Niazi, U. & Muhammad, S. A. Structural evaluation of BTK and PKCδ mediated phosphorylation of MAL at positions Tyr86 and Tyr106.Computational Biology and Chemistry , 2014, 51, 22-35
3.	Dr. Taseer Ahmad	<ol style="list-style-type: none"> 1. Acta Polania Pharmaceutica. Evaluation of anti-inflammatory, analgesic and antipyretic activities of thymus serphyllum Linn in mice. Acta poloniae pharmaceutical drug research. Alamgeer, Uzma Mazhar, Muhammad Naveed Mushtaq, Hafeez Ullah Khan, Safirah Maheen, Muhammad Nasir Hayat MaliK, Taseer Ahmad, Fouzia Latif, Nazia Tabassum. Accepted. April, 2014. Impact factor: 0.54 2. Bangladesh journal of Pharmacology. Hepatoprotective Activity of Thymus linearis Benth against Paracetamol and Carbon Tetrachloride Induced Hepatotoxicity in Albino Mice. Alamgeer, Mehwish, Muhammad Naveed Mushtaq, Taseer Ahmad. Status: Published. April, 2014. Impact factor: 0.54.
S.NO.	Name	ISI Index Research Article Published in 2014
		<ol style="list-style-type: none"> 3. Bangladesh journal of Pharmacology. Determination of antihyperlipidemic effect of <i>Berberis orthobotrys</i> in hyperlipidemic animal models. Alamgeer, Aqsa Ghuffar, Taseer Ahmad and Muhammad Naveed Mushtaq. Status: Accepted. July, 2014. Impact factor: 0.54. 4. The Journal of Phytopharmacology. Evaluation of Salvia haeamtodes Linn for their Anti-oxidant, Anti-microbial, Anti-Lipoxygenase and Anti -cholinesterase activity. Ali Rizwan, Rao Saeed, Taseer Ahmad , Aftab Ullah, Sohail Muhammad Published:November, 2014.



Part-III - Administration

Administration

STMU started with meager resources in 2012. With paucity of funds, which were only being generated by Shifa College of Medicine, it was difficult to undertake large scale expansion both in human and material resources. However, university management, under the guidance of the worthy Chancellor, took number of initiatives to provide essential infrastructure to the university for its smooth functioning. A brief account of the same is given in the subsequent paragraphs.

ACQUISITION OF LAND AT SECTOR D-17, ISLAMABAD

Ever since its inception, the acquisition of land of suitable dimension was considered imperative for STMU to establish its principal seat at Islamabad. For this purpose number of places were visited. As the land in close proximity of our existing facilities is quite expensive, it was decided to purchase land in Sector D-17 which is located close to TARNOL. Accordingly a piece of land measuring 4 acres (32 kanal) has been purchased in Sector D-17 for future construction of academic and hostel facilities of the university. This land has been purchased mostly through the donations collected by Dr. Mohammad Ata for the university.

DONATION OF LAND AT ABBOTTABAD

The former Chancellor Dr. Mohammad Ata very graciously donated Taqwa College building consisting of 17,000 sqft covered area to Shifa Tameer-e-Millat University. This building where at present Technical Diploma Programmes are being run can be utilized for establishment of university campus for technical education or for any other academic programme.

RENTING OF BUILDING

To meet the immediate needs for space for opening new academic programmes, as listed in academic section of this report, a building covering 30,000 sqft area has been rented in Section H-8/4 adjacent to Federal Board building. However, the space available in this building shall not suffice for growing strength of students. Therefore an additional building shall be required by Sept. 2015 to shift some of the programmes from the present building.

SETTING UP OF UNIVERSITY SECRETARIAT

University Secretariat was established with all related office equipment and staff to provide secretariat support to Principal Officers of the university. It houses desks for Coordinator, Superintendent, Assistant Manager (HR), Associate Manager (Academic Affairs), Manager Administration and other support staff. This Secretariat is effectively providing office support

Administration

to statutory bodies of the university like Academic Council, Syndicate, Senate and for other conferences/meetings conducted to run the affairs of the university. It also coordinates internally with constituent colleges/departments of the university and externally with HEC, regulatory bodies like PM&DC, Pakistan Nursing Council, Pakistan Pharmacy Council and other organizations/institutes/universities.



Examination Section

Conduct of Examinations for different programmes is the most important function of a university. An Examination Section with all required facilities and qualified staff has been established at university. The Examination Section of the university has successfully conducted examinations as per detailed provided in the statistics given below:

Exams Conducted:

S. No.	Program	Year	No. of Exams Conducted	No. of Candidates Appeared
1	MBBS	2013-2014	20	506
2	BSN	2013-2014	10	190
3	PRN	2013-2014	06	64
4	DPT	2013-2014	20	159
5	Bsc MT-AD	2013-2014	08	81
6	MBA	2013-2014	07	58
7	PHARM.D	2014	03	71
8	BS-MT	2014	03	25
Total			77	2205

Admission Tests Conducted

S. No.	Program	Year	No. of Exams Conducted	No. of Candidates Appeared
1	DPT	2014-2015	04	138
2	PHARM-D	2014-2015	02	86
3	BS-MT	2014-2015	03	79
Total			09	303

Examination Section

The statistics of result documents i.e degrees, transcripts and result card Issued students is given below:

S. No.	Program	No. of Graduates	Degrees Issued	Transcripts Issued	Result Cards Issued
1	MBBS	187	187	187	1092
2	BSN	76	76	76	288
3	PRN	38	38	38	77
4	DPT	-	-	-	487
5	Bsc MT-AD	11	-	-	138
6	MBA	-	-	-	41
7	PHARM.D	-	-	-	39
8	BS-MT	-	-	-	43
Total		312	301	301	2205

Trainings / Workshops attended / conducted by Examination Section:

- (1) One day Controller's workshop attended by DCOE in March 2015 organized by Higher Education Commission (HEC).
- (2) Two days training workshop regarding preparation of SAQ & MCQ papers/exams for AHS faculty members organized by Examinations Department in March 2015.

Equipment provided to Examination section:

S. No.	Item	Description
1	1 Photocopy Machine	Heavy duty with multiple features
2	1 OMR Machine	For MCQ papers scoring
3	3 Stell Almirah	For paper, result preservation
4	1 Laptop	For paper moderation/paper setting
5	3 PCs	For exam staff
6	1 color printer	For Degrees, Transcripts & Result Card Printing

Meetings of Statutory Bodies

Conduct of meetings of statutory bodies of the university is mandatory requirement as provided in the University Act. It is more so in the initial stages of evolution of a university. The details of the meeting conducted during the period under review is given below.

ACADEMIC COUNCIL:

Nine (09) meetings of the Council have been conducted so far. Number of Academic Programmes and policies including Academic Regulations have since been approved by the Council.

SYNDICATE:

Ten (10) meetings of Syndicate which is executive body of the university have been conducted. The Syndicate other than the its routine has been actively involved in formulation of budget, personnel policies including university statutes on governance matters.

SENATE:

Ten (10) meetings of the Senate have been conducted. The first Senate is about to complete its first cycle of three years. Two third of members of first Senate have retired and replaced by new members.

STATUTES/ACADEMIC REGULATIONS / FINANCIAL RULES

Statutes/Regulations and Rules provide basic structure for the governance of university affairs. It is indeed a remarkable achievement for STMU Management to prepare and promulgate university Statutes, Academic Regulations and Financial Rules on 29th June 2013 within one year of establishment of the university after due process of their approval by the Senate of the university.



Statutes/Academic Regulations/Financial Rules

The summary of the contents addressed in Statutes and other regulations are given below:

STATUTES:

- (1) The Governance, University Authorities and Committees Administrative and Academic Organization.
- (2) Procedure for admitting Educational Institution to the Privileges of the Shifa Tameer-e-Millat University (STMU).
- (3) Service Structure of Employees.
- (4) Appointment of Faculty and Research Staff.
- (5) Employees Efficiency and Discipline Statutes.
- (6) Leave Rules.

ACADEMIC REGULATIONS:

- (1) Standing Committees.
- (2) Students Conduct and Discipline.
- (3) Convocations Procedures.
- (4) General Academic Regulations.
- (5) Conduct of Examinations.
- (6) MS/M.Phil & PhD Regulations.

FINANCIAL RULES:

- (1) General Provisions.
- (2) University Funds.
- (3) Financial Organization, Financial Jurisdiction and Powers.
- (4) University Budget.
- (5) Miscellaneous Financial Matters.
- (6) Procurement Rules.
- (7) Store Keeping & Payment Process.
- (8) Repair and Maintenance.
- (9) STMU Employees Gratuity Fund Rules.
- (10) Endowment Fund Rules.

Automation of Systems

In today's digital age Automated Systems are the critical component of any organization. We all are well aware of the benefits of Automation i.e. Consistency, Reliability, Accuracy, Improved efficiency, fast information access and fast data sharing within departments. STMU Department of I.T Services started working on automation of STMU Systems from May 2014 and developed the following systems with main features mentioned under each:

- a. Online Admissions:
 - (1) Online Students application for different Programmes and application Fee Challan Generation.
 - (2) Step by Step Email and SMS Notifications Sending and tracking of Student Admission Process.
 - (3) Entrance Ticket Generation.
 - (4) Candidate filtering process for test and Interview.
 - (5) Merit List Generation.
 - (6) Admission Fee Challan Generation for successful candidates.
- b. Student Fee Management System
 - (1) Challan Printing for Different category of programmes and related tracking system.
 - (2) Fee Receipt Generation for different categories of students.
 - (3) Report's Generation on status of fee collection.
- c. Student Management System
 - (1) Roll Number Generation.
 - (2) Student University Number assigning sequential order following previous

Automation of Systems

allotted number.

- (3) Students Record Management (Drop student, Degree Award, Class Upgrading and Repeater Student).
- (4) Discount Offers for Repeater Student.
- (5) Tracking of all inter linked processes.
- d. Recruitment Management (Online Job Portal)
 - (1) Personal Profile (with Documents uploading).
 - (2) Searching jobs through highlights.
 - (3) Profile making (Upload Resume).
 - (4) Procedures to apply for the job.
 - (5) Selection/short listing status of candidates.
- e. Employee's Portal
 - (1) Personal Profile (with Documents uploading).
 - (2) Leaves Records.
 - (3) Attendance Records.
 - (4) Financial Record (Salary slip etc.).
- f. HR Administration
 - (1) Recruitment Data (Announcement of jobs on website).
 - (2) Short listing/ interview/ final Selection of candidates.
 - (3) Employees profile management.
 - (4) Documents Uploading (Contact /Appointment Letter).
 - (5) Generate ID Cards.
 - (6) Leaves Attendance Records.
 - (7) Email / SMS Notifications for Each Status.
 - (8) Reports Generation (Daily / Monthly / Yearly).

Automation of Systems

g. Payroll Automation

- (1) Employee Profile View
- (2) Attendance View
- (3) Allowance / Deduction / Tax highlight
- (4) Financial Record (Monthly Salary Processing)
- (5) Report (Daily /Monthly /Yearly)



Establishment of Girls Hostel

Girls hostel facility has been arranged at Sector H-8/1 for the girls' students of Shifa College of Nursing and Department of Allied Health Sciences in collaboration with Govt. Polytechnic Institute for Girls. This hostel which has been hired for initial period of three years extendable further for such period as may be mutually agreed caters for the accommodation of 120 girls students. Transport is being provided for pick and drop of hostilities. Being Government building the area is adequately spacious and well-guarded for safety and security of girls students. Food arrangement has also been made through Govt. Polytechnic Institute as they are running their own hostel in the adjacent building.

Future Plans

- a. Expansion in Academic Infrastructure for creation of additional faculties and academic disciplines.
- b. Launching of MS/M.Phil/Ph.D Programmes in basic and clinical sciences and other disciplines.
- c. Establishment of Research Facilities.
- d. Increase Enrolment of Students from existing 1200 to 5000.
- e. Construction of 200 bedded Hospital for clinical training of MBBS/ BDS students.
- f. Establishment of Shifa College of Dentistry.
- g. Faculty Development specially for Department of Allied Health Sciences, Nursing and for MS/M.Phil/Ph.D programmes.
- h. Acquisition of land.
- i. Promotion of research culture to publish research papers doubling the number with quality enhancement and impact factor.
- j. Enhance national and international collaborations.
- k. Capacity building of the faculty and sport staff.



Part-IV - Finances

Financial management is a key factor for any emerging university. Therefore, after the establishment of STMU the greatest challenge was to establish the basic operating structure (BOS) and incorporation of internal controls there in. To achieve this objective, we visited few universities including Quaid-e-Azam University to study their systems of operational management. Accordingly after analyzing the cost and benefit of the available options it was decided to manage the university on centralized basis. This was the first major decision which was required to establish the future setup, operational procedures, departmental procedures and system developments of the university and finally drafting the statutory rules and regulations. In this regard the vision of the first Vice Chancellor Maj Gen (Retd) Prof. Muhammad Aslam and Chancellor Prof Dr. Muhammad Ata who actively remained involved in the entire basic process of transformation provided us a guideline and road map to effectively manage the cause.

CHANGE MANAGEMENT PROCESS

We are elevating from college to university and in the process activities is being regulated through Change Management Process that consist of following stages,

Analyzing-----ACHEIVED
Planning-----ACHEIVED
Envisioning-----ACHEIVED
Equipping----- WE ARE PROGRESSING
Leading-----WE ARE PROGRESSING
Monitoring----- WE ARE PROGRESSING
Empowering----- WE ARE PROGRESSING
Defining milestones- WE ARE PROGRESSING
Quick wins----- TARGET

Progress for operational management:

STRUCTURAL SETUP:

It was the 1st step to start with and decide as to how the various components/organs of the University will coordinate and aligned to get the cost competitive and optimum results. So following steps were taken:-

Establishing the basic operational structure of the university.

Placement of the basic operational structure of the university and alignment of departments

Finances

accordingly.

Alignment of the functions of the finance department as per university standards.
Operational setup:

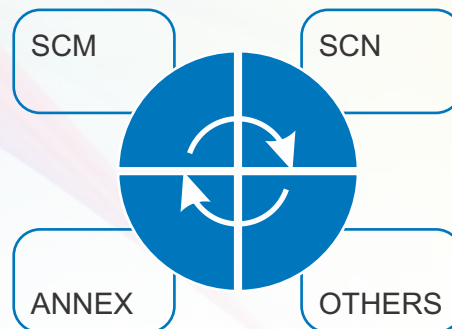
The 2nd important step was to equip/prepare the finance department to accommodate the potential reporting requirements of the university. So following steps were taken:-

Capacity building of the staff and financial systems of department.

Implementation of the GL software.

Segmentation of the department and establishment of cost centers in the financial software.

Financial software is operational in the following pattern.



POLICIES AND PROCEDURES:

The 3rd important step was to design and prepare the policies and procedures to manage the steps taken in previous two stages, defining what to do and how to do was the important requirement to proceed with. Therefore following steps were taken:-

Designing and implementation of the departmental procedures as per new structure of the university.

To prepare the draft financial rules as desired by the SENATE of the university.

Designing the system of internal controls & appointment of internal auditor.

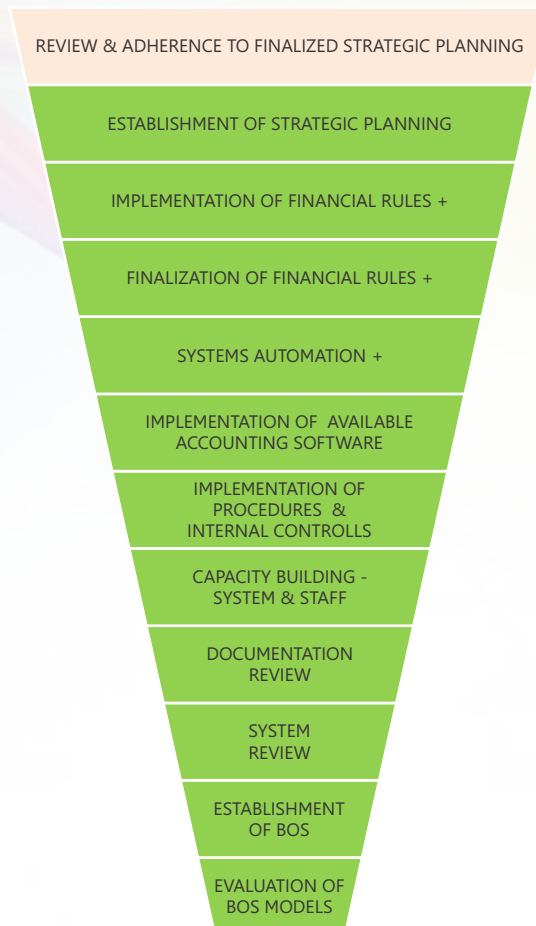
Functional:

On functional front Alhamdulillah finance department successfully achieved the basic functional goals on yearly basis.

Redesigning the budget Document and getting the approval of the budget for the year 2012-13, 2013-14 & 2014-15.

Getting the financial statements for the year 2013-14 & 2014-15 audited.

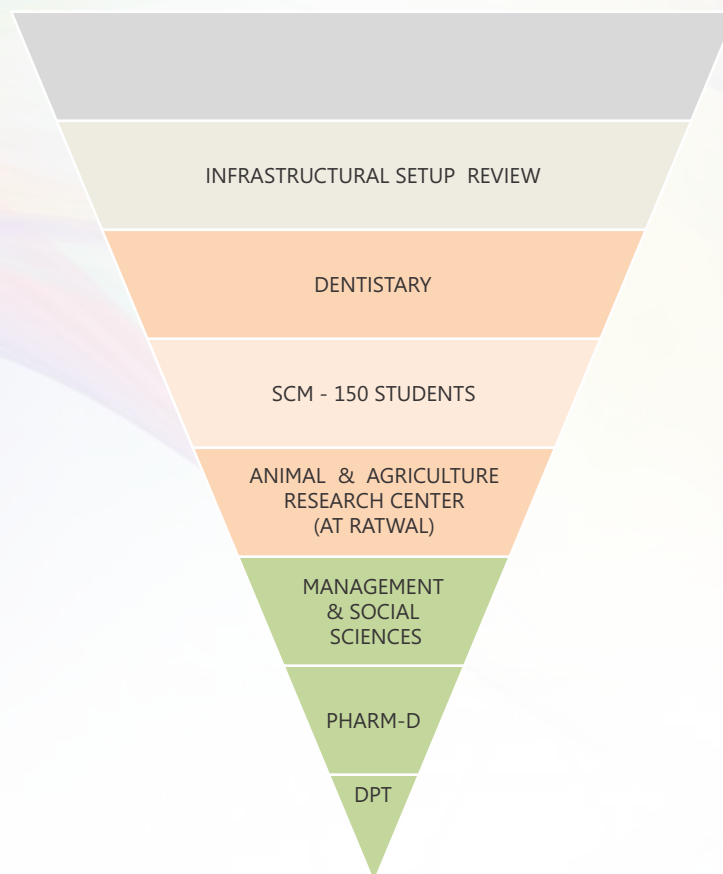
Defining the targets for operational management and steps to achieve those targets it was important to draw a road map therefore, following road map was designed to achieve the targets of the operational management.



Finances

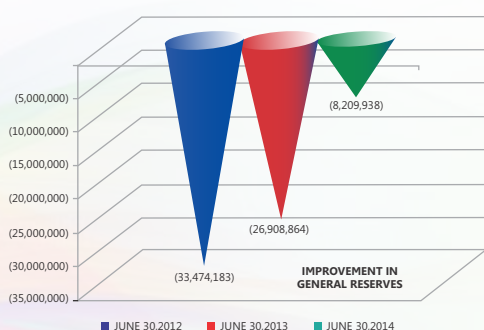
Target setting – Initial Plan.

Target /goal sitting are always important to align the activities and for the preparation of short and long term plans to achieve those objectives. Initial plan was developed at university level so that all activities of all the organs of the university should be in line with these directions.

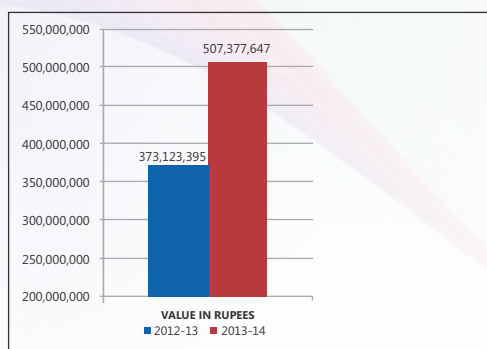


POSITION OF GENERAL RESERVES:

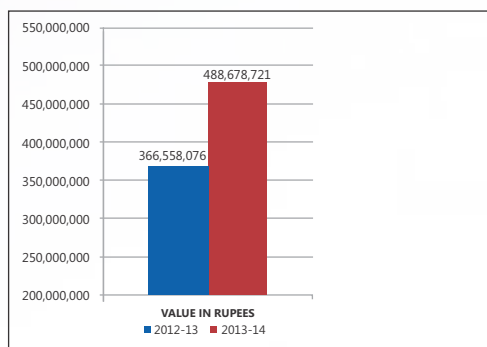
Overall progress during last two years in term of reduction of deficit is shown by the following chart.



COMPARISONS OF FUND GENERATION:



COMPARISON OF FUND UTILIZED:





Part-V - Life at STMU



Orientation Day



Character Building Seminar

Character building of students through guest lectures by distinguished scholars is built in the overall training and grooming of students of STMU. We strongly believe that apart from classroom teaching of prescribed contents of degree programmes, it is responsibility of educational institutes to provide directions to young generation to live and shape up their lives in accordance with religious, cultural and social ethos of our society. Guest lectures, seminars on topics relating to social and religious issues are therefore regularly arranged for the students.



Sports Day



Sports Day



Social Functions AHS



Social Functions SCM



Social Functions SCN



Workshops/Seminar



Clinical Practices



Falahee Clinic



For more information:

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Shifa International Hospital
Gate No. 1, Sector H-8/4, Pitras Bukhari Road,
Islamabad. Tel: 051-8464214

OR

Plot No. 72 Adjacent to Federal Board of
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Jaffar Khan Jamali Road, Sector H-8/4, Islamabad.
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For online Registration visit

admissions.stmu.edu.pk

www.stmu.edu.pk