

Annals
Report

2011 - 2012

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Message from the Vice Chancellor

LUMS in Numbers

Schools

- a. Suleman Dawood School of Business
- b. Mushtaq Ahmad Gurmani School of Humanities and Social Sciences
- c. Syed Babar Ali School of Science and Engineering

Research & Travel Grants

Centres

- a. Case Research Centre
- b. Centre for Advanced Studies in Mathematics
- c. Development Policy Research Centre
- d. Raising Executive Development Centre
- e. Social Enterprise Development Centre
- f. Strategic Sectors Research Centre
- g. The Gurmani Centre

Student Medals

Donors & Donations

Financials

Vision

To become an internationally acclaimed research university that serves society through excellence in education and research.

Mission

LUMS aspires to achieve excellence and national and international leadership through unparalleled teaching and research, holistic undergraduate education, and civic engagement to serve the critical needs of society.

It seeks to accomplish this mission as a unified institution with cutting-edge research, a modern and rigorous curriculum and socially responsible outreach to the nation and region.



The year 2011 – 2012 at the Lahore University of Management Sciences (LUMS), like previous years, was marked with accomplishments in the areas of academia, research and extracurricular activities. New initiatives were also launched in the areas of fund-raising and environmental awareness. Additions were made to the academic programmes offered at the University, thus providing even further opportunities for the students from all over Pakistan to avail a world-class degree at LUMS.

In a major announcement at the 24th Annual Convocation, far-reaching changes at LUMS were announced. The existing Suleman Dawood School of Business was joined by two newly named Schools - the Syed Babar Ali School of Science and Engineering and the Mushtaq Ahmad Gurmani School of Humanities and Social Sciences. An independent School of Law is planned within the next three years.

The Syed Babar Ali School of Science and Engineering also launched new graduate degrees which marks a major step forward and a new phase for the School. New PhD degrees will be offered in Biology, Chemistry, Electrical Engineering and Physics, which will add to existing doctoral programmes in Computer Science and in Mathematics. A new Master's level degree in Electrical Engineering has also been introduced. The Mushtaq Ahmad Gurmani School of Humanities and Social Sciences introduced a new major at the undergraduate level in History, while the Suleman Dawood School of Business introduced a weekend Executive MBA programme and launched a new undergraduate major in Management Sciences.

The University is grateful and proud to have received a generous gift of PKR 1 billion from the Gurmani Foundation

for setting up an endowment for supporting financial assistance programmes for deserving students as well as for a range of scholarly activities.

The LUMS faculty continued producing original research in a wide range of areas. Books and book chapters were published; research papers appeared in highly-regarded international journals amounting to over 300 in total this year. Faculty took part in international and national conferences and exciting research projects were conducted throughout the year as well. The research activities of the LUMS faculty have been funded by local and international donor agencies.

LUMS students also continued their tradition of winning accolades in academic and extracurricular arenas. Students at the University were ranked amongst the best in all kinds of academic competitions ranging from programming to business. Sports at LUMS continued to thrive through various external and internal competitions. National Outreach Programme (NOP) scholars went on exchange programmes in the US; the LUMS team was the best delegation at the Turkey Model United Nations; MBA students secured internships at the world's leading banks and a PhD Management student won the prestigious Emerging Economies Doctoral Student Award and received the AMDISA Fellowship, among many other student accomplishments. Our graduates also received offers from top-tier companies, as well as PhD offers from premier universities from around the world.

With the continued support of students, alumni, faculty and staff, the University will continue to push at the boundaries of excellence in the year to come.

LUMS

in numbers



Total LUMS Campus Size: **100 Acres**



Total Faculty: **147**



Mushtaq Gurmani School of Humanities & Social Sciences Faculty: **63**



Syed Babar Ali School of Science & Engineering Faculty: **56**



Suleman Dawood School of Business Faculty: **28**



- Graduate Student Societies: 11
- Undergraduate Student Societies: 27
- Sporting Facilities: 26
- Total Number of BSc graduates (Class of 2011): 387

Internal Research Funding:



External Research Funding (Research Proposals, Consultancy Assignments, HEC Travel Grants, Unrestricted Grants etc) :



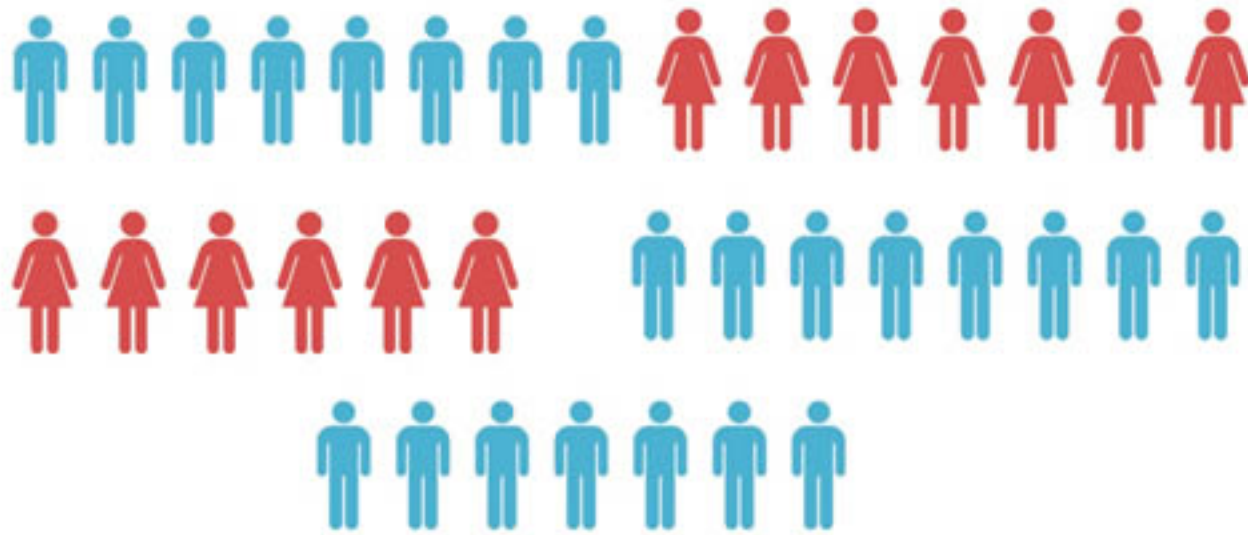
Total Number of Undergraduates (Class of 2011)



On-Campus Computers (Staff, faculty, research and labs)



Total Number of Students: 3110



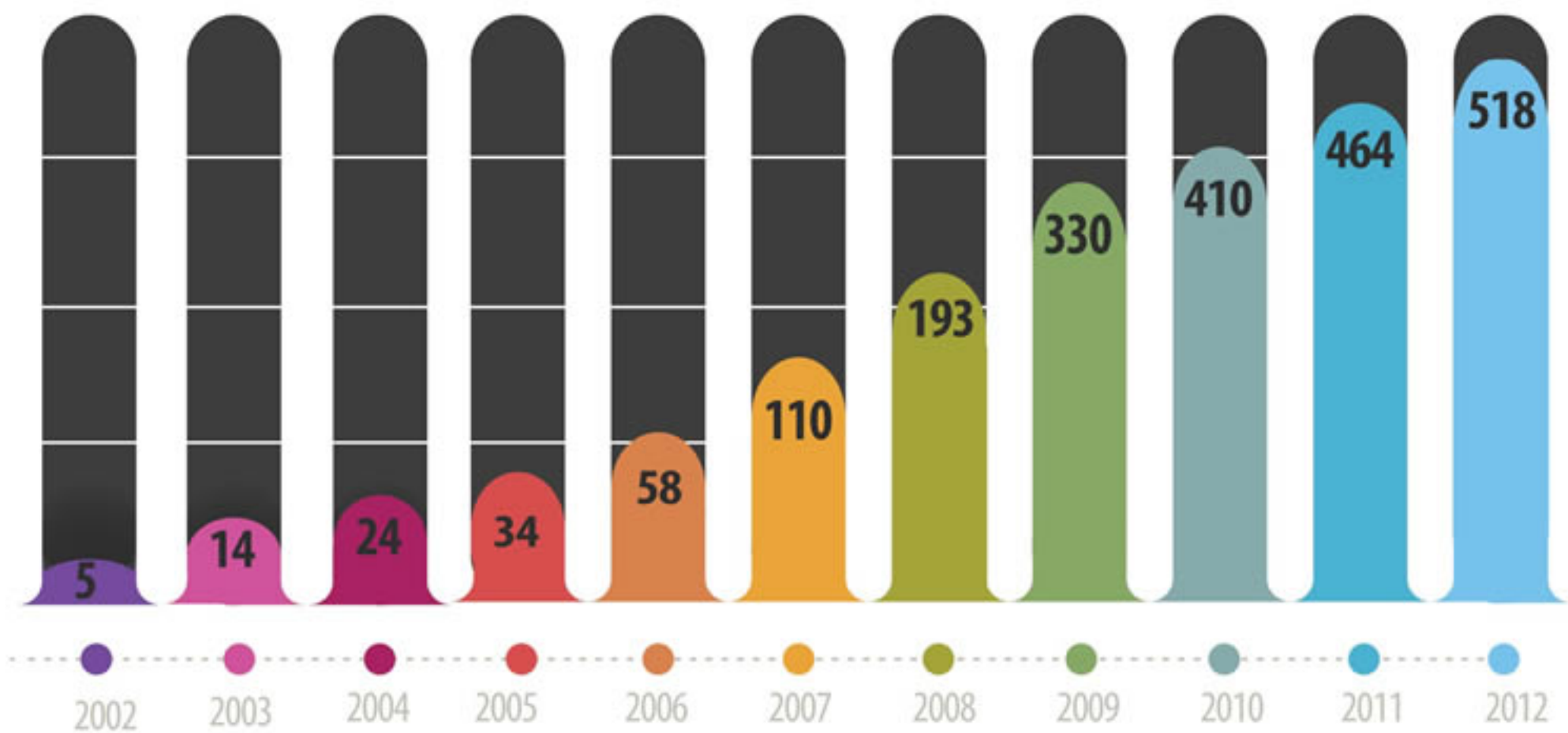
Number of Undergraduate Students:

2618

Number of Graduate Students:

492

Cumulative NOP Scholars



Schools



SULEMAN DAWOOD
SCHOOL OF BUSINESS



Suleman Dawood School of Business (SDSB)



Dr. Arif.N.Butt, Dean SDSB

The Suleman Dawood School of Business (SDSB) is a leading management school of Asia, especially distinguished as the pioneer of the case method of teaching in Pakistan, with over five hundred local cases written by its faculty. Since its inception, SDSB has strived to bring about a constructive change in the academic and management practices in the region by motivating and enabling the best human resources to foster an innovative and progressive culture.

Our vision is to be the leading business management school in the region, recognised for teaching and research excellence. Our academic programmes are designed to develop leaders who can identify real challenges, and present solutions. Our programmes are industry relevant that address pressing needs of today, and are constantly reinvented through the cutting edge research of our faculty.

Our undergraduate programmes, the BSc (Honours) in Accounting and Finance and Management Science groom highly proficient graduates. The graduate programmes offered include the MBA, Executive MBA and PhD Manage-

ment, which give our graduates a global perspective. Our executive education and customised training programmes are highly sought after as well.

Our research and executive development centres are complimented by the highly accomplished faculty who works to achieve our mission of generation, assimilation and dissemination of knowledge. With the largest gathering of PhDs in a business school in the nation, the research conducted by our faculty is widely acknowledged in the international scholarly circles and their contributions are published in well renowned journals, including our own Asian Case Research Journal.

Our faculty provides wide ranging consultancies and policy advice both to the public and private sectors. This leads to the addition of several new cases to our curricula every year, developed in-house at the Case Research Centre. Our new initiative of conducting sector based research in vital areas is helping us stay relevant to the changing needs of the local and global economies. The Social Enterprise Development Centre and the Rausing Executive Development Centre extend our expertise to the industry, thus contributing to the human resource development of public, private, social and Small and Medium Enterprise (SME) sectors of the country.

There were numerous achievements at the School during the year 2011 – 2012 including:

- 🕒 Launch of new undergraduate BSc (Honours) Management Science programme
- 🕒 Launch of Weekend EMBA programme
- 🕒 Increase in student enrollment from 813 in 2011-2012, to 993 in 2012-2013
- 🕒 New faculty has been hired and faculty research is on the rise
- 🕒 SDSB announced the opening of its new building in a ceremony in January 2012
- 🕒 LUMS entered into an agreement with MCB Bank Limited through which MCB Bank will provide commercial loans to MBA and Executive MBA students
- 🕒 LUMS was once again been ranked as the top business education university in Pakistan by the Higher Education Commission
- 🕒 MBA students have been selected for internships at Credit Suisse, Hong Kong and Bank of America – Merrill Lynch, Hong Kong

Future Plans and Challenges



Academic Sustainability

- Attract, retain & develop faculty
- Material development (indigenous) and scholarship
- 600 plus cases/industry notes
- Expertise through case writing, research, consultancy in specific segments – Energy; Health; Telecom; Agribusiness; Dairy & Livestock; Entrepreneurship & Family Business
- New, multi disciplinary/school courses
- Focus on placements; student admission; external linkages; industry specialists
- AACSB Accreditation
- Will host the International Case Conference and International Research Conference in January 2013

Financial Sustainability

- Retention of positive contribution and fundraising in school and university endowment
- High quality programmes and faculty
- Growth in undergraduate and Executive Development Programmes





Mushtaq Ahmad Gurmani

School of Humanities and Social Sciences (MGSHSS)



Dr. Anjum Altaf, Dean MGS SHSS

Pakistan is beset with problems of increasing severity and complexity and we all wish someone would resolve them. But who are these problem-solvers going to be and what would they need to meet the challenge? Would it be possible to do so without an adequate understanding of history, sociology, psychology, anthropology, philosophy, economics, law and political science; without building on the wisdom that is recorded in diverse literatures; without creating the new knowledge that is needed in a changing environment? A structure is only as strong as its foundation and in Pakistan we have neglected the intellectual foundations for too long, at too high a cost.

The Mushtaq Ahmad Gurmani School of Humanities and Social Sciences (MGSHSS) at LUMS is an ambitious and farsighted attempt to repair this damage. It aspires to nurture the passionate and enlightened individuals who combine depth of knowledge with social sensitivity, intellectual humility, analytical creativity and critical thinking to effectively pursue the goal of a just, peaceful, cultured and prosperous Pakistan. It aims to prepare citizens who are firmly grounded in the reality of their society while remaining open to the best thinking from across the world. At the same time, it strives to provide

motivated students with the opportunity to craft individualised majors responsive to their aesthetic and emotional needs. LUMS is among the few institutions in the country that has the breadth of offerings, the depth of teaching and the capacity for original research to deliver on this promise to create a new generation of thoughtful and confident citizens.

The degrees offered at the School are BA, BA-LL.B and BSc (Honours). Majors in BA include Humanities and History, while the BA-LL.B is a 5 year programme in Law. BSc (Honours) majors include Anthropology/Sociology, Economics, Economics and Politics, Political Science and Political Science/Economics.

As in previous years, various achievements in the areas of academia and research took place at the School. Highlights include:

- 📍 A new major in History was launched and was well received. 17 history courses were taught during the year with almost 600 students attending the courses.
- 📍 An innovative course, Islam on the Indian Ocean Rim, was taught by Professor Ayesha Jalal. The course linked LUMS students with students at Tufts University in Massachusetts, USA via live video. New digital humanities tools to help visualise the emerging, historical, human geographies of the Indian Ocean world were used. This is the first course of its kind offered at LUMS.
- 📍 The Economics department is shifting core courses to PhD faculty whereas the Teaching Fellows teach their choice of electives.
- 📍 The Law department started a Judicial Clerkship programme, which enables students to work with various High Court Judges for a few months.
- 📍 The Economics faculty published 9 articles in peer refereed journals this year; there was one book publication and one chapter in an edited book; the faculty presented 6 papers in international refereed conferences out of which 5 were externally funded.
- 📍 In the Economics department, major grants were obtained from the UNICEF, IGC, World Bank, GDN and DFID.
- 📍 Syed Noman-ul-Haq won the prestigious Waldo G. Leland Prize for two chapters in The New Cambridge History of Islam (General Editor Michael A. Cook of Princeton University, 2011).

Future Plans and Challenges

- Attract more students committed to studying Humanities and Social Sciences
- Increase outreach to school students and parents to establish more awareness of career paths in the Humanities and Social Sciences
- Establish a clinical legal education programme
- The Law and Policy Department to become a separate School of Law
- Offerings in Urdu literature to be expanded





Syed Babar Ali

School of Science and Engineering (SBASSE)



Dr. Sohail Qureshi, Dean SBASSE

The Syed Babar Ali School of Science and Engineering (SBASSE) serves as a platform through which high quality education in selected areas of science and engineering is imparted to students. Our overarching goal is to produce outstanding scholars who are capable of finding innovative solutions to challenging problems. We expect our graduates to be passionate scientists and educators who are committed to improving the quality of human life through technology.

SBASSE offers undergraduate degrees in six majors: Biology, Chemistry, Computer Sciences, Electrical Engineering, Mathematics and Physics. The freshman curriculum is common for all students, comprising of core courses in mathematics, physics, chemistry, biology, and computer science. The purpose of a common 'core curriculum' is that it strengthens fundamental concepts of science and gives students sufficient time to declare their majors. It is this interdisciplinary, 'no boundaries' focus which distinguishes SSE from other competing schools. Our multifaceted 21st century curriculum provides SSE undergraduates adequate breadth and depth in each of the majors, and positions them to pursue

rapidly evolving areas that interface with other disciplines. Throughout the four years student learning takes place through lectures, tutorials, problem-solving, research and frequent interactions with experienced world-class faculty members.

SBASSE and LUMS have embarked on a promising new era of scientific research and education provided by the initiation of new graduate programmes in Fall 2012. New programmes introduced are MS in Electrical Engineering and PhD in Biology, Chemistry, Physics and Electrical Engineering. These new programmes have expanded upon SBASSE's palette of graduate programme offerings in Computer Science (MS and PhD) and Mathematics (PhD).

SBASSE's graduate coursework is designed to nurture and invigorate students' interest in their area of study as well as impart to them the most comprehensive information relevant to their degree. Those students pursuing research based degrees will be joining faculty members in rigorous interdisciplinary research focused on resolving issues pertaining to the environment, governance and healthcare as well as to general technological and scientific advancement.

With our resolute vision, excellent faculty, committed students and modern infrastructure that includes state-of-the-art classrooms and laboratories, SBASSE is poised to become a globally competitive leader in science and engineering research and education.

There were numerous student, faculty and research achievements that took place during the year 2011 – 2012. These included:

- 🕒 New graduate programmes were introduced in Fall 2012. These were MS in Electrical Engineering and PhD in Biology, Chemistry, Physics and Electrical Engineering. The Computer Engineering degree will phase out to the Electrical Engineering degree.
- 🕒 Usman Naseer, NOP scholar majoring in Physics, was selected for the Summer Research Programme at the European Organisation for Nuclear Research (CERN), Switzerland in April, 2012.
- 🕒 Chemistry senior Zain Yousaf appeared in the GRE Subject test in Chemistry during Fall 2011 (the 7th semester of his undergraduate studies) and scored in the 92nd percentile.
- 🕒 Twenty students from SSE's first ever graduating BS Class of 2012 were accepted in graduate programmes in renowned universities in Europe and USA.
- 🕒 Muhammad Abdur Rauf is the second Computer Science senior to have received a job offer from Microsoft USA before graduation.
- 🕒 A team of SSE faculty and students developed a high-tech landmine detection robot that won the NI Mine Detection Robot Design Contest held in Lebanon in late October 2011.
- 🕒 Asadullah Naweed, a Computer Science major and an IEEE student member from Lahore, was declared the winner of the IEEE TryComputing.org lesson plan competition held in Los Alamitos, California on January 11, 2012.

- Muhammad Ahmad Bashir and Muhammad Bilal Zafar, BS Computer Science students, won first prize at Softec 2012 for a project they developed during their senior year under the supervision of Dr. Umar Saif at the Neighbourhood for "Emerging-World" Technologist (NEWT) Lab, LUMS.
- Biology students, Hina Iftikhar and Annum Munir secured second and fourth position respectively at a poster competition held at the 1st International Biophysics Symposium at NED University, Karachi on June 1 and 2, 2012.
- The Department of Computer Science at the Syed Babar Ali School of Science and Engineering is offering summer internship programmes to students to engage them productively, gain relevant experience and to help them explore new research areas. The two month long internships commenced on June 1 and ended on July 31, 2012.

Research and Faculty Highlights

- Dr. Basit Yameen from the Department of Chemistry was awarded a Research Fellowship from Alexander von Humboldt (AvH) Foundation, Germany.
- Faculty from the Department of Electrical Engineering, Dr. Shahid Masud and Dr. Nadeem Khan presented their research papers at the 37th IEEE International Conference on Acoustics Speech and Signal Processing (ICASSP) in Kyoto, Japan from March 25 to 31, 2012.
- An article by Dr. Hassan Abbas Khan, Department of Electrical Engineering, was published in the IEEE Journal of Quantum Electronics, in October 2011.
- At the Department of Physics, Dr. Tayyab Imran's recent work demonstrated the generation of an intense beam of broad spectrum light. Dr. Imran's research has been published in the Journal of Optics [Tayyab Imran and Gonçalo Figueira, J. Opt., 14, 035201 (2012)].
- The Department of Physics, under Dr. Tayyab's leadership, is starting a research focus area on laser engineering. Recently, the National Institute of Lasers and Optics (NILOP), Islamabad has lent a high-power nitrogen laser to the Department.
- The Spin Physics Group at the Department of Physics, SSE has drawn PKR 20 million as funding from the Higher Education Commission (HEC). Dr. Sabieh Anwar, Department of Physics is the P.I. for the research project.
- Dr. Amer Iqbal, Department of Physics has been awarded the "Abdus Salam Prize for Achievements in Science for Young Pakistani Scientists for Physics 2009."
- Dr. Aziz Mithani, Department of Biology delivered a talk at a workshop at Mathematical Biosciences Institute, Ohio State University.
- Dr. Irshad Hussain, Department of Chemistry, delivered a series of lectures at King Abdullah University of Science and Technology (KAUST) and the Centre of Excellence in Nanotechnology (CENT), King Fahd University of Petroleum and Minerals (KFUPM) in May 2012.
- Dr. Tayyaba Asim, faculty at the Department of Chemistry presented her research work at the International Conference on Agricultural, Environment and Biological Sciences (ICAEBs 2012) held on May 26-27, 2012 in Phuket, Thailand.
- A three-day National Laboratory Immersion Programme was held and organised by the Department of Physics at the SSE.



- Faculty at the Department of Chemistry, Dr. Tayyaba Asim's research paper was published in Key Engineering Materials on May 14, 2012.
- Dr. Asad A. Abidi's workshop "Teaching the Teachers (A Concepts Workshop): "Electronic Circuits for Instrumentation & Measurement" was held at the SSE.
- Dr. Fakhar ul Inam, Department of Physics delivered a talk in a workshop organised by the Institut de Physique et Chimie des Matériaux de Strasbourg (IPCMS) from 4 to 6 June, 2012 at Strasbourg, France.
- Dr. Aziz Mithani, Department of Biology published his research focused on the effects of ionising radiations on DNA, in one of the leading scientific journals, Genome Research. The research was done in conjunction with the Department of Plant Sciences, University of Oxford.
- Dr. Muhammad Tariq, Chair, Department of Biology, along with Nimra Asi and Zain Umer (BS Biology 2012 students), participated as a speaker at an international meeting/workshop held in Almora, India under the aegis of TATA Institute of Fundamental Research (TIFR) & International Centre for Theoretical Sciences (ICTS), India.
- Dr. Falak Sher, Department of Chemistry has been awarded a research grant of PKR 11.82 million by the Higher Education Commission (HEC), Islamabad. This is one of the four multimillion research grants awarded to the chemistry faculty during the past one and half years.



Future Plans and Challenges



- Efficiently market graduate programmes
- Planning to launch additional graduate programmes in Fall 2013. Programmes that will be launched are MS in Biology, Chemistry, Physics and Mathematics
- More collaboration with industry and foreign research institutions for research and to acquire endowments, student jobs and internships
- Increase outreach activities and overall marketing effort
- Attract and admit quality students and faculty
- Uneven distribution of majors across the undergraduate student body. SBASSE houses 5 basic science departments and 1 engineering department. However, total undergraduate student enrollment is higher in the Electrical Engineering department than the science departments combined.
- Establish and introduce additional engineering programmes

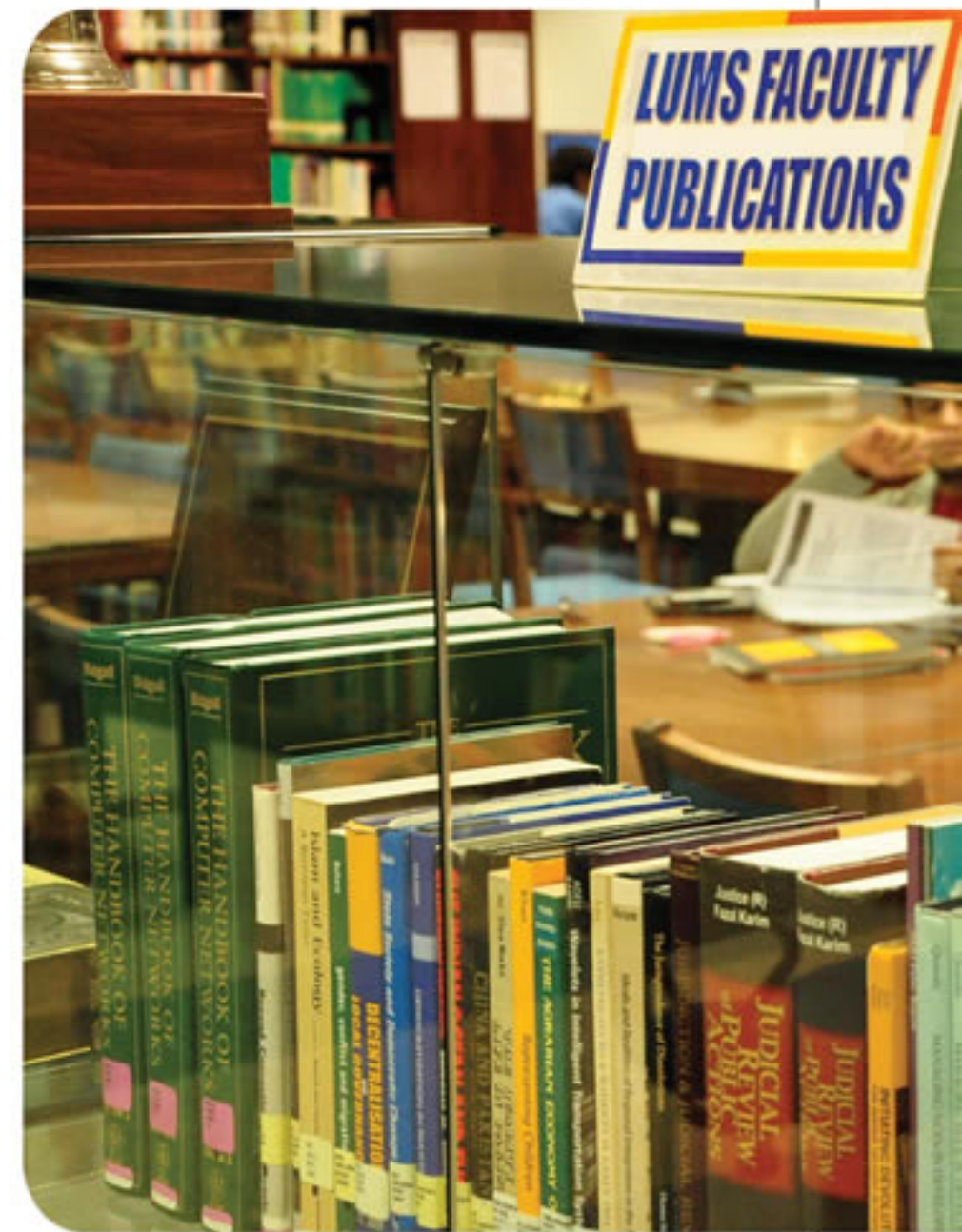


Research &
Travel Grants

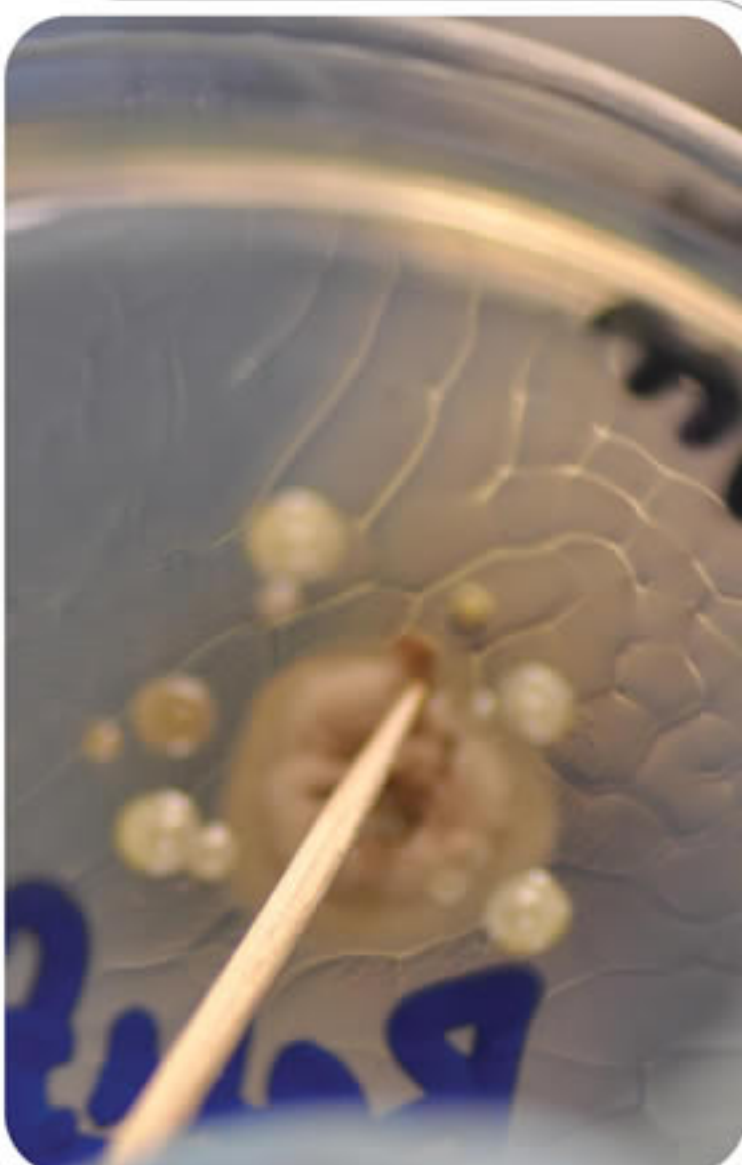
LUMS plays a vital role in promoting scientific research and related activities. Its faculty is actively involved in a number of research areas including Environmental Sciences, Health Sciences, Agricultural Sciences, Biological Sciences, Computer/Information Technology, Electrical/Communication Engineering, Energy, Development, Business, and Economics.

The research activities of the LUMS faculty have been funded by local as well as international donor agencies including Higher Education Commission (HEC); National ICT R&D Fund; Pakistan Science Foundation; Environment Protection Agency; Centre for Earthquake Studies (CES); Cleaner Production Institute (CPI); Grand Challenges Canada (GCC); The Asia Foundation; International Water Management Institute (IWMI); UNICEF ; IGC (International Growth Centre); Department for International Development - DFID; USAID-HEC Financial Aid Development; US Grants; and DAAD, Germany.

During the fiscal year 2011-2012, LUMS faculty initiated 46 research projects amounting to PKR 405 million, and won 6 grants worth PKR 16 million. During this period 31 international travel grants amounting to PKR 9.125 million were also processed. Three consultancy assignments of worth PKR 12.46 million were also executed during this duration. The research projects of the LUMS faculty are designed and executed, keeping in mind the socio-economic needs of the country.



Syed Babar Ali School of Science and Engineering



LUMS Technology for People Initiative

Dr. Sohaib Khan, Department of Computer Science

Funds: PKR 5.52 Million

Sponsor: Google

The Intelligent Telephony Access Point

Dr. Umar Saif, Department of Computer Science

Funds: PKR 3.36 Million

Sponsor: Google

Partnership with Open Internet Network

Dr. Adil Najam

Funds: PKR 5.52 Million

Sponsor: Google

Towards Self-Managing Energy Systems in Buildings

Dr. Naveed Arshad, Dr. Jahangir Ikram, Department of Computer Science

Funds: PKR Million 12.958

Sponsor: ICT R&D Fund

Development of Protogenic Groups Containing Polymer Brush Modified Additives to Improve the Proton Conductivity of Polyelectrolyte Membranes for Fuel Cell Application

Dr. Basit Yameen, Dr. Sabieh Anwar, Department of Chemistry

Funds: PKR 6.146 Million

Sponsor: HEC

Molecular Characterization of Mixed Lineage Leukemia 5 (MLL5) gene in Drosophila

Dr. Muhammad Tariq, Department of Biology

Funds: PKR 9.23 Million

Sponsor: HEC

Low Cost Ultrasound Training Stimulator

Dr. Naveed Arshad, Department of Computer Science

Funds: PKR 14.991 Million

Sponsor: ICT R&D Fund

Revitalizing Irrigation in Pakistan

Dr. Abubakr Muhammad, Department of Electrical Engineering

Funds: PKR 9.890 Million

Sponsor: IWMI

Groundwater Contamination Spread Monitoring Via Model Driven Data Assimilation

Dr. Abubakr Muhammad, Department of Electrical Engineering

Funds: PKR 3.067 Million

Sponsor: EPA

Modeling and Control of Smoke/Ash Emission from Brick Kilns

Dr. Main Muhammad Awais, Dr. Asad Ullah Khan, Department of Computer Science

Funds: PKR 7.000 Million

Sponsor: EPA

Hazardous Waste / Hospital Waste Management

Dr. Khalil Qureshi, Mr. Hafiz Asad Hamid, Department of Computer Science

Funds: PKR 3.300 Million

Sponsor: EPA

A Combination of Magnetic Nanoparticles and Polymer Brushed: Towards Development of Magnetically Assisted, High Capacity and Efficient Metal Ion Contaminated Water Remediation Adsorbent

Dr. Basit Yameen, Department of Chemistry

Funds: PKR 9.056 Million

Sponsor: HEC

MapReduce++: Simplified Processing of Unstructured Data on Large Computing Clouds

Dr. Umar Saif, Department of Computer Science

Funds: PKR 24.924 Million

Sponsor: ICT R&D Fund

Low-Cost Information & Computing Technology for the Masses in Pakistan -

Dr. Umar Saif, Department of Computer Science

Funds: PKR 6.064 Million

Sponsor: HEC

AgriWSN: Wireless Sensor Networks for Agriculture -

Dr. Faisal Aslam, Dr. Zartash Afzal Uzmi, Department of Computer Science

Funds: PKR 0.500 Million

Sponsor: HEC

Design, Development and Integration Testing Of FlowIXP An Open Flow based Route Server for Internet Exchange Points (IXPs) based on Marvell xCAT/LION Platform -

Dr. Zartash Afzal Uzmi, Department of Computer Science

Funds: PKR 3.440 Million

Sponsor: Marvell

LUMS Smart Meters and Meter Data Management PoC -

Mr. Nauman Ahmad Zaffar , Department of Electrical Engineering

Funds: PKR 0.583 Million

Sponsor: Techlogix

LUMS Smart Meters and Meter Data Management PoC (Extension) -

Mr. Nauman Ahmad Zaffar, Department of Electrical Engineering

Funds: PKR 0.237 Million

Sponsor: Micro-Tech Industries (Private) Limited

Development of Polymer Functionalized Nanoparticles Based Adsorbents for High Capacity and Efficient Removal of Hazardous Metal Ion from Contaminated Water -

Mr. Nauman Ahmad Zaffar, Department of Electrical Engineering

Funds: PKR 1.290 Million

Sponsor: Comstech Twas (Joint Research Grants Programme)

Optical Detection of Spin Phenomena -

Dr. Sabieh Anwar, Department of Physics

Funds: PKR 19.900 Million

Sponsor: HEC

Knot Link Invariants and Topological Strings -

Dr. Amer Iqbal, Department of Physics

Funds: PKR 0.866 Million

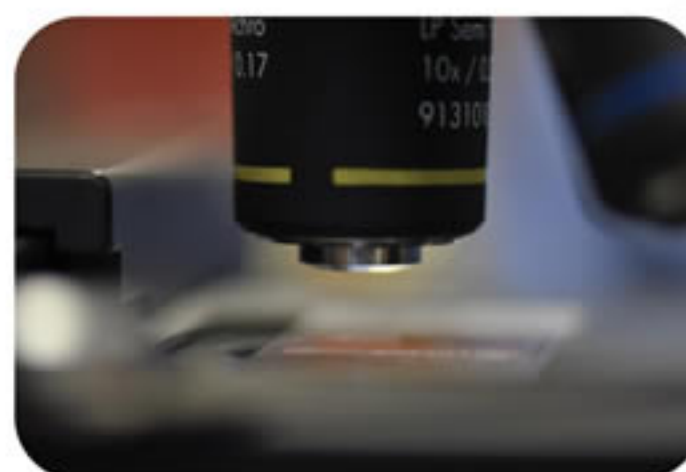
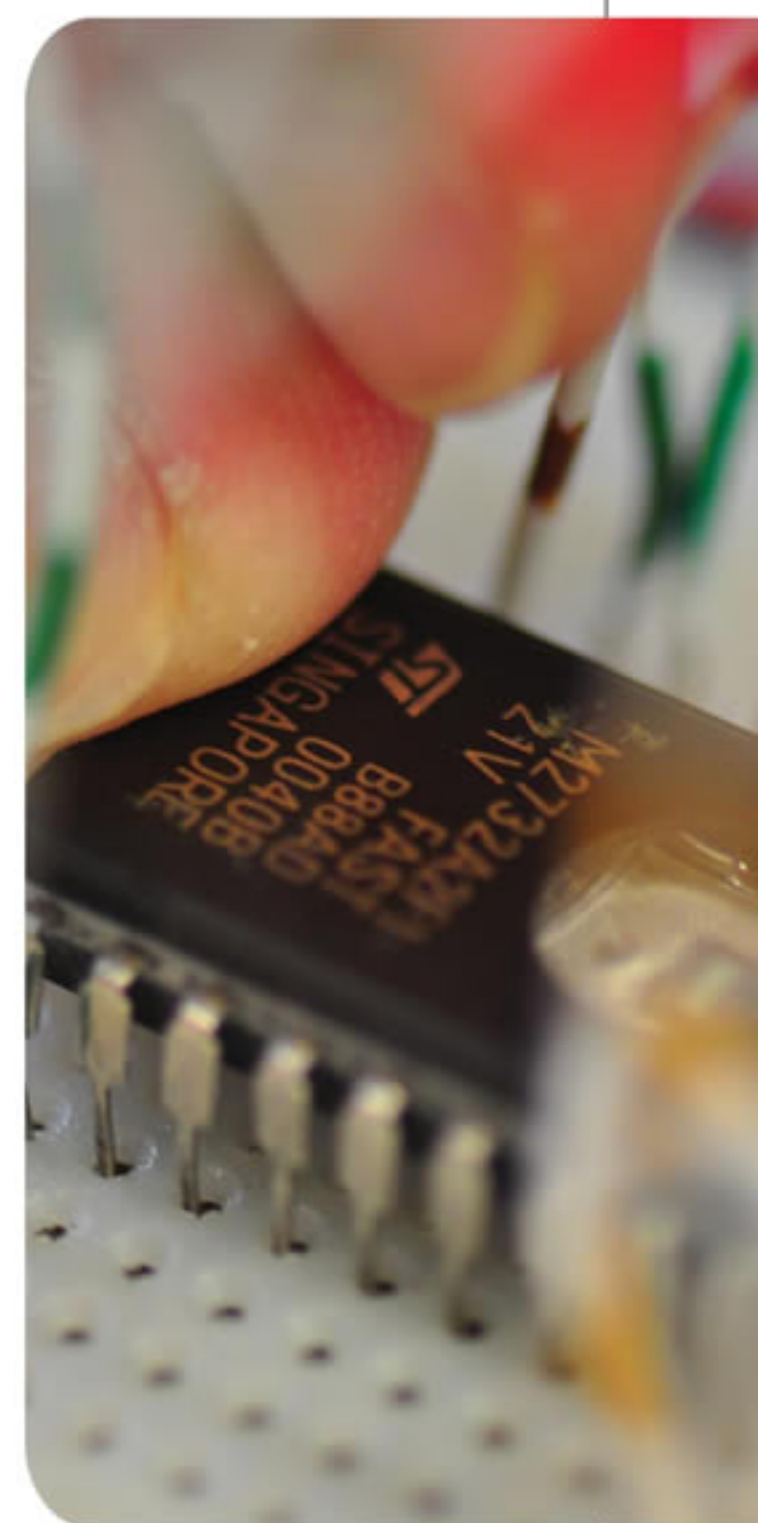
Sponsor: HEC

Development of Low-Field, Low Cost, Re-configurable NMR and MRI -

Dr. Muhammad Sabieh Anwar, Department of Physics

Funds: PKR 1.995 Million

Sponsor: Pakistan Science Foundation



Mushtaq Ahmad Gurmani School of Humanities and Social Sciences

Written Test for Selection of Trade Officers 2012

Dr. Abid Burki, Department of Economics

Funds: PKR 2.691 Million

Sponsor: Government of Pakistan, Ministry of Commerce

Situation Analysis of Children and Women in Pakistan

Dr. Abid Aman Burki, Department of Economics

Funds: PKR 16.531 Million

Sponsor: UNICEF

Monitoring the Monitors: Using ICT to Improve Government Monitoring in Punjab, Pakistan

Dr. Ali Hussain, Department of Economics

Funds: PKR 6.527 Million

Sponsor: IGC

Re-imagining the Indus: Mapping Irrigation Water Related Practices and Policies in the Two Punjab

Mr. Usman Khan, Mr. Ahmad Rafay Alam, Department of Economics

Funds: PKR 1.530 Million

Sponsor: British High Commission, Islamabad

Pakistan-India Trade Literature Review

Dr. Syed Turab Hussain, Department of Economics

Funds: PKR 0.344 Million

Sponsor: Adam Smith International (ASI)

Education and Learning after the Pakistan Earthquake: Can the Children Recover

Dr. Ali Cheema, Department of Economics

Funds: PKR 14.480 Million

Sponsor: HEC

The Determinants Impact and Cost Effectiveness of Climate Change Adaption in Pakistan

Dr. Adil Najam, Vice Chancellor

Funds: PKR 43.500 Million

Sponsor: IDRC, Canada

Assessment of Student Critical Thinking Development

Dr. Anjum Altaf, Department of Humanities & Social Sciences

Funds: PKR 7.020 Million

Sponsor: PSSP

Supporting Transparency, Accountability and Electoral Processes Programme (STAEP)

Dr. Muhammad Waseem, Department of Humanities & Social Sciences

Funds: PKR 23.017 Million

Sponsor: The Asia Foundation

Clinical Legal Education Programme

Dr. Ali Qazilbash, Department of Law & Policy

Funds: PKR 2.167 Million

Sponsor: Foundation Open Society Institute

Teachers Education Project: Second National Research Seminar

Dr. Farooq Naseer, Department of Economics

Funds: PKR 2.691 Million

Sponsor: Government of Pakistan, Ministry of Commerce

Teachers Education Project: Second National Research Seminar

Dr. Farooq Naseer, Department of Economics

Funds: PKR 3.616 Million

Sponsor: USAID

Trade with Africa Research

Dr. Kashif Z. Malik, Department of Economics

Funds: PKR 0.868 Million

Sponsor: BARCLAYS

SME Cluster Survey Fans Cluster Gujranwala /Gujrat

Usman Khan, Dr. Kamal Munir, Department of Economics

Funds: PKR 2.402 Million

Sponsor: State Bank of Pakistan



Suleman Dawood School of Business

AMIDSA Regional Doctoral Fellowship Programme

Muhammad Shakeel Sadiq Jajja (PhD student)

Funds: PKR 0.415 Million

Sponsor: Foundation Open Society Institute





Centres

**RAUSING EXECUTIVE
DEVELOPMENT CENTER**

Case Research Centre

Case Research Centre



The Case Research Centre (CRC) is the case writing hub of Suleman Dawood School of Business (SDSB). It provides editorial and logistical facilities for the writing and publishing of cases authored by SDSB faculty. It has a database of more than 500 Pakistan specific cases/industry notes that are drawn from real life issues in organisations and experienced firsthand by the faculty through research or consultation. The Centre facilitates the arrangement of events, workshops and conferences which encourage and create awareness about the case method, its benefits, and state-of-the-art methodologies, within LUMS and also amongst the regional business school community. It publishes the Asian Journal of Management Cases (AJMC), a peer-reviewed journal that provides high-quality teaching material to academics, consultants and management developers, through cases and research on management practices in the socioeconomic context of developing Asian countries. CRC also participates in the procurement and dissemination of externally published cases through the European Case Clearing House (ECCH) and Harvard Business School (HBS), to provide SDSB faculty access to case studies from all of the major case producing management schools in the world.

HIGHLIGHTS OF THE YEAR INCLUDED :

- 🕒 Asian Journal of Management Cases September 2011 (Volume 8 No. 2) & March 2012 (Volume 9 No. 1) published in partnership with Sage Publications, India.
- 🕒 Proceedings of AJMC Conference 2011 published and disseminated amongst conference participants. This publication is a compilation of local and international case studies that were accepted for publication and/or presentation at AJMC Conference 2011 held in May of the same year.
- 🕒 7 SDSB Faculty Roundtables successfully conducted with the aim of encouraging the case method form of teaching and writing case studies amongst the faculty. In these Roundtables work-in-progress case studies are peer-reviewed and discussed.
- 🕒 24 case studies on various administrative disciplines were written by the SDSB Faculty and entered into the LUMS database.
 - 4 cases studies in Accounting and Finance
 - 6 case studies in Human Resource Management / Organisational Behaviour
 - 10 case studies in Production/Operations Management/Management Information Systems
 - 2 case studies in Family Business
 - 2 Industry Notes
- 🕒 Adoption of Open Journal Systems for efficient and transparent online submission and reviewing of case studies has been initiated.

HIGHLIGHTS OF THE YEAR INCLUDED :

- ◉ Dr. Faqir M. Bhatti, Associate Professor, Department of Mathematics was appointed as the Scientific Director of Centre for Advanced Studies in Mathematics (CASM) in October 2011.
- ◉ MoU signing between CASM and Third World Academy of Sciences (TWAS)-UNESCO, Italy in November, 2011, in order to facilitate the visits of mathematicians to CASM within the framework of the TWAS-UNESCO Associate-ship Scheme.
- ◉ A Chinese delegation visited CASM headed by Prof. Xia Ji-ting, President, Shandong Yingcai University visited the LUMS Centre for Advanced Studies in Mathematics (CASM). The delegates were briefed about the activities of the Centre and Dr. Sultan Sial, Head of the Department of Mathematics at LUMS talked about the Mathematics degree offered by the Department.
- ◉ CASM held various national and international seminars. During the course of each semester, talks and seminars were a frequent feature by the graduate students and professors on a wide array of topics in mathematics. The following seminars/talks were arranged:
 - 1) Interactive Decision Analysis Through Efficient Multi-objective Optimisation of Computationally Expensive Problems
Taimoor Akhtar
School of Civil and Environmental Engineering, Cornell University, US
January 3, 2012
 - 2) The Polynomial Methods
Uwe Schauz
King Fahd University of Petroleum and Minerals , Saudi Arabia
January 10, 2012
 - 3) On the Irreducibility of the Moduli spaces of line Arrangements
Shaheen Nazir
National University of Computer & Emerging Sciences (NUCES- FAST), Lahore
February 3, 2012.
 - 4) Complex multiplication in the sense of Abel
Professor Katsuya Miyake
Tokyo Metropolitan University, Tokyo, Japan
February 9, 2012
 - 5) Number theory: Challenges of Twenty first century
Michel Waldschmidt
Institut de Mathématiques de Jussieu [UMR CNRS] Paris, France
February 10, 2012

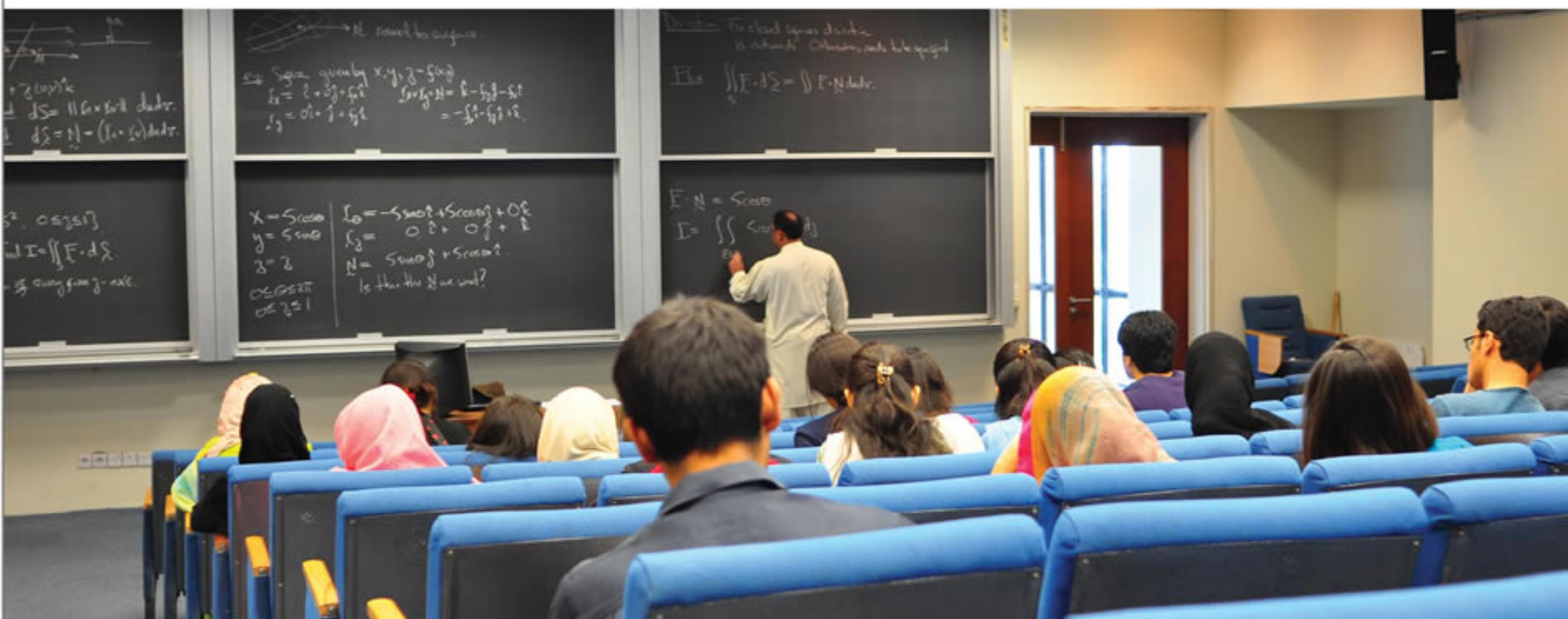
Centre for
Advanced Studies
in Mathematics

- 6) Stanley Decompositions and Polarization
Sarfraz Ahmad
COMSAT Institute of Information Technology, Lahore
March 7, 2012
- 7) Scalable, Parallel Poisson Solvers for CFD Problems
Muhammad Younas
University of Groningen, The Netherlands
March 27, 2012
- 8) Stanley Decompositions and Polarization
Aeyaz Jamil Kayani
University of Waterloo, Canada
June 19, 2012

☉ CASM organised three workshops on Mathematical Modelling, Computational Techniques and Discrete Mathematics, namely:

- 1) Technical Workshop on System Validation
(In-collaboration with IEEE chapter Lahore)
April 10, 2012
- 2) Conference on Recent Advances in Graph Theory and Combinatorics
(in collaboration with Abdus Salam School of Mathematical Sciences, Lahore)
February 17-19, 2012
- 3) National Workshop On Mathematical Modeling and Information Technology for Health
(December 30-31, 2011)

☉ Dr. Bhatti has completed a research project on Fermi and Bose Walks in collaboration with Prof. David Arrowsmith and Prof. John W Essam of University of London, UK. One of the outcomes of the project has been published in J. Phys. A: Math. Theor. 45 (2012) 225003, which is labelled as an A-category journal. The second paper on 'Generating functions and duality for non-crossing walks on a plane graph' is an invited paper for a special volume of J. Phys. A: in honour of Prof. Fred Wu's 80th birthday.



Development Policy Research Centre

The Development Policy Research Centre (DPRC) has been able to get projects and funding worth more than PKR 100 million to conduct contract research for donors, multi-laterals, bi-laterals, institutions and the government. DPRC faculty is also working with the private sector government policy makers to inform policy decisions on Pakistan – India trade and the post MFN regime.

Some highlights of the year 2011 – 2012 included:

- 📍 The hosting of a World Bank lecture on January 11, 2012 on regional integration in South Asia, preceded by a brief presentation on the global economy. Discussion included Pakistan's trade relationship with not only India but other countries in the region too.
- 📍 A panel discussion titled 'Global Nuclear Disarmament and the Nuclear Race in South Asia' was organised under the DPRC Panel Discussion Series on December 20, 2011. Panelists included Dr. Pervez Hoodbhoy, Moeed Yusuf and Dr. Abdul Hameed Nayyar.
- 📍 DPRC, in collaboration with DFID arranged a meeting of entrepreneurs, academics, microfinance professionals and Mr. Gavin McGillivray, Head of Private Sector Department, DFID London. The meeting was held on December 8, 2011 and the agenda was to discuss SME/jobs related investment challenges and opportunities in Pakistan. A presentation was also made on 'Investment challenges and Opportunities in Pakistan'.

Other seminars and workshops were also held throughout the year and included:

- 📍 A lecture titled "Right and Wrong Ways of Addressing the Energy Challenge" by Tariq Banuri on February 17, 2012
- 📍 A roundtable on Human Development was held on February 06, 2012
- 📍 A talk titled "Pre-analysis Plan for 'Monitoring the Monitors: Using Information and Communication Technology to Improve Governance in Punjab, Pakistan'" was delivered by Saad Gulzar and Yasir Khan on December 12, 2011
- 📍 A lecture on "Politics of China" by Sundus Ali of Nuffield College, University of Oxford was held on December 15, 2011
- 📍 A talk on "Consumption and Social Identity: Evidence from India" by Zahra Siddique took place on August 04, 2011



Rausing Executive Development Centre

Rausing Executive Development Centre



During the 2011-12 term, Rausing Executive Development Centre (REDC) continued to create linkages between academia and industry, developing learning opportunities for all involved. With an aim to anticipate and embrace changing trends in the industry, the centre established and built strategic partnerships with leading corporate and public sector enterprises.

REDC programmes concluded the year with **2,749 participants** from **24 different industry sectors** with **50 programmes** spread over **420 days**.

Open Enrollment

Programmes - High Impact & Relevant

REDC conducted 25 Open enrollment programmes during FY 2011-12. Five new programmes were developed during this period.

- ❑ **From Family to Corporate: A programme on family-run businesses**, a pioneering effort in this area received participation from eleven family boards from varied industry and geographic sectors
- ❑ **Strategic Innovation Management**, a C-Suite executive programme for senior executives received participation from eighteen leading corporations
- ❑ **Creating Value for Marketing** and **Leading Effective Sales force** were new programmes developed in the area of marketing
- ❑ A new general management programme for retail sector; **Strategic Planning & Development in Modern Retail** was participated by leading retail brands in the country
- ❑ REDC's flagship **Management Development Programme (MDP)** offered in November 2011 was appreciated for its rigour and commitment to excellence



PROGRAMMES

SHOWCASING LOCAL CONTENT

In 2011, REDC launched its Content Development Initiative with an aim to strengthen programme content and aligned to real challenges. The initiative produced three new local cases and three new open programmes in areas of family-run-businesses, Retail and Innovation. The project not only created immense value mobilising faculty interest and commitment to develop unexplored areas, but also generated recognition for LUMS ability to develop relevant content and programmes.

Partnering with Industry Leaders

Concurrent with the enrichment in the Open programmes, was favorable growth in organisation focused programmes. This year 25 Organisation Focused Programmes were conducted for different organisations.

- Public leadership and government programmes were developed for Federal Board of Revenue, Lahore Electric Supply and National Highway Authority
- REDC established key linkages with leading organisations in fertilizer, engineering, FMCG, Food & Beverages and financial sectors
- A customised Management Development Programme (MDP) was developed for an International telecommunications company for its three counterparts in Thailand, Bangladesh and Pakistan. This was conducted as a regional programme in REDC during June 2012.



Social Enterprise Development Centre



Various activities were held by the SEDC during 2011-2012. These included:

Trainings

under HELP Project

- Marketing and Advocacy of Social Initiatives (July 13-15, 2011)
- Social Sector Project Management (July 20-22, 2011)
- Results Based Management (RBM) (October 12-14, 2011)
- Monitoring, Evaluation and Learning Systems (MEALS) (November 16-18, 2011)
- Qualitative Research for Social Sector Initiatives (QRSSI) (November 28-30, 2011)
- Strategic Management of Social Sector Enterprises (SMSE) (December 21-23, 2011)
- Budgeting and Financial Management in Social Sector Organisations (March 28-30, 2012)
- Team Building and Human Resource Management (April 25-27, 2012)
- Integrated Project and Portfolio Management (June 13-15, 2012)

National Leadership for

Reproductive Health and Development (NLRHD) Project

SEDC-LUMS in collaboration with The David and Lucile Packard Foundation has undertaken a National Leadership for Reproductive Health and Development Project (NLRHD). The project aims to establish and foster authentic, inclusive cross-sectoral linkages among women leaders to advocate and mobilise sector specific policy change for family planning and reproductive health initiatives.

NWLN Planning Phase Completed

SEDC had successfully completed the Planning phase of the National Women's Leadership Network Development. A Project Advisory Committee had been formed in August 2011, comprising of government sector employees, social sector reproductive health experts, representatives from The David and Lucile Packard Foundation and LUMS Faculty.

First Quarter Report of HELP

The first quarter report of the NLRHD Project had been prepared and submitted to the David and Lucile Packard Foundation.

SEDC Newsletter

The newsletter has been printed again after three years. This covers the activities from year 2009 to date.

Networking Brochure

A project brochure had been designed and printed covering all details of the HELP project and activities planned till 2013. A training calendar had also been added, including all trainings planned from 2011 to 2013.

Database Management

The SEDC Fellows database had been updated for use in current and future marketing of training programmes.

Sectors of Intervention for the NLRHD Project (2012)

It was decided by the Project Advisory Committee members, the success indicator of the NLRHD project will be to access sectors/industries that had been inaccessible for Reproductive Health practitioners with large number of women as employees and/or high RH problems. The following sectors had been selected as the potential target sectors:

1. Football Industry
2. Textile Industry
3. Livestock Sector

Documents were prepared by SEDC staff defining the sectors, their role in the Pakistan and policies existing on health and reproductive health in the respective sectors. LUMS alumni were contacted and brief write-ups prepared about their sectors. The network activities are being supported by the sector specific strategy papers proposing approaches to incorporate FPRH in their CSR agendas for the betterment of their workers' health

The following major activities/tasks were also accomplished during the month of June 2012

-  Integrated Project and Portfolio Management Programme was delivered.
-  Negotiations with Strategic Working Group members of NLHRD were conducted.
-  SEDC participated in a Policy Dialogue organised by Shirkat Gah:
-  SEDC took part in a meeting with the Population Welfare Department, GOP.

This programme broadly involved scoping, planning, organising, securing and managing resources to bring about the successful completion of specific project goals and objectives.

Citi-LUMS Project

📍 National Financial Literacy Workshop for Youth

LUMS-SEDC held a three day workshop from 22-24 July, 2011. It was held under the umbrella of the "Living Literacy, Changing Lives: Citi-LUMS Youth Initiative". The project aims to inculcate the youth with basic understanding of saving and investing, enabling them to efficiently manage their finances and cope with tough financial decisions.

📍 Role of Universities in Socio-Economic Development through Enhancing Employability of their Graduates Project

Citi Pakistan and the Social Enterprise Development Centre at LUMS are collaborating on a capacity building project, which aims to create stronger linkages between higher education institutions and the industry. The project seeks to achieve this objective by analysing current approaches of Pakistani universities towards facilitating industry collaboration with their institutions. The project also aims to identify ways in which the relevance of education being imparted at these institutions can be enhanced to enable them to develop young people who have a more positive socio-economic impact, especially an increased earning potential.

Activities Accomplished under Citi Project

Data was collected, analysed and sent for review/feedback by the respective institutions through field visits to universities in Karachi, Faisalabad, Taxila and Sukkar. The universities in respective cities were visited. These included the University of Management and Technology (UMT), Foundation for Advancement and Technology (FAST) and University of Engineering and Technology (UET) in Lahore and Fatima Jinnah Women University, National University of Sciences and Technology (NUST) and COMSATS Institute of Information and Technology (CIIT) in Islamabad. Information required to fill out the questionnaire was obtained through detailed interviews with the senior management of the universities. Short reports have been prepared on the best practices being followed by the universities to become more closely engaged with their community and the industry. These reports have been sent to the respective universities for their feedback.

Strategic Sectors Research Centre



The snapshot of activities during the year at the Strategic Sector Research Centre (SSRC) included the following:

1. Draft documents of strategic plans for SSRC and research at SDSB
2. Research conference titled, International Research Conference in Contemporary Management Practices – 2013
3. Annual Faculty Research Newsletter exhibiting output of:
 - a) 14 journal articles, 4 book chapters, and 14 conference papers by SDSB Faculty
 - b) 1 journal article, 1 book chapter, and 13 conference papers by PhD Management students
4. Recommendations on journal rankings to be adopted by SDSB
5. Monthly Research Seminars

As part of the Faculty Research Seminar series at the SDSB, six research seminars were organised:

- a) The Core Functions of Leadership by Dr. Ghufan Ahmad
 - b) Methodological Developments in Manufacturing Strategy by Dr. Kamran Ali Chatha
 - c) Bank Competition and Consumer Welfare by Dr. Tanveer Shahzad
 - d) What Drives the Quality of Institutions in Asian Economies? Directions for Economic Reforms by Dr. Nadeem Javed
 - e) Military, 'Managers' and Hegemonies of Management Controls: A Critical Realist Interpretation by Dr. Junaid Ashraf
 - f) Trust Violation and Recovery Dynamics in Leader-Follower Relationship by Dr. Samina Quratulain
6. Guest Speaker Sessions

As part of the Guest Speaker Session series, two sessions were organised:

 - a) GEM Pakistan 2012 Report, by Dr. Sarfraz Mian, School of Business, State University of New York.
 - b) How to Make Academic Publications? by Dr. Stephen E. Condrey, President-Elect of the American Society for Public Administration (ASPA).
 7. Interacting with Higher Education Commission and submitting proposals for research grants and conference travel grants
 8. Encouraged faculty to submit proposals for travel grant
 9. Encouraged faculty to submit proposals for Faculty Initiative Funds

Gurmani Centre for Languages and Literature

Academic Highlights

The Centre offered six courses of Urdu Literature, two of Arabic, two of Persian and a bilingual course on Jalaluddin Rumi. The following courses were offered:

Fall 2011-12

📍 LITR 251 Urdu Poetry in the Post Iqbal Period	Yasmeen Hameed
📍 LITR 254 Iqbal's Urdu Poetry	Moeen Nizami
📍 LITR 255 Ghalib and his Poetry	Noman ul Haq
📍 LITR 256 Urdu Afsana: Manto, Bedi and Ghulam Abbas	Zia ul Hassan
📍 SS124 Arabic I	Yusuf Siddiq
📍 SS127 Persian I	Athar Masood

Spring 2011-12

📍 LITR 150 An Introduction to Urdu Literature	Yasmeen Hameed
📍 LITR 252 The Purest Pearl: Poetry of Maulana Jalaluddin Rumi	Madiha Shaukat
📍 LITR 259 Classical Urdu Prose	Zia ul Hassan
📍 SS124 Arabic I	Yusuf Siddiq
📍 SS127 Persian I	Athar Masood

A total number of 456 students took these courses.

Research/Publication Highlights

- The Gurmani Centre for Languages and Literature has published 'NUMŪD', the first ever Urdu literary magazine of students at LUMS. The writings include essays, creative prose and poetry, a renowned writer's interview and a section from world literature.
- An official launch ceremony was held for the Urdu journal Bunyaad, which is a publication of the Gurmani Centre for Language and Literature at LUMS. The ceremony was attended by numerous academics and prominent literary figures and supporters of the Centre, including well-known writers like Intizar Husain, Fehmida Riaz, Sarmad Sehbai, Ghulam Husain Sajid, Khalid Ahmad and Dr. Tabassum Kashmiri among others. Also in attendance were Begum Abida Aminullah and Begum Khalida Ghazanfar of the Gurmani family, whose generous donation to LUMS helped establish the Gurmani Centre.
- Three issues of the research journal Bunyād were published in September 2011, February 2012 and June 2012. Dr. Noman-ul-Haq was the editor. The Bunyaad issues have been making waves in the literary circles since it came out. Articles by established literary personalities including Tabassum Kashmiri, Mahmood-ul-Hasan Bazmi, Dr. Zia-ul-Hasan, Raza Rumi, Shamsur Rahman Faruqi, Muhammad Umer Memon, Khurshid Rizvi, Moeenuddin Aqeel, Asif Farrukhi and Mahmudul Hasan Bazmi have been published in the magazine.

Event Highlights

Conference Commemorating Manto

A one-day conference titled "Naya Urdu Afsana" on April 7, 2012 was organised to commemorate Urdu writer Saadat Hasan Manto on his centennial. The guests were invited from Delhi, Karachi, Islamabad and Lahore. Dr. Shamim Hanafi was the guest from Delhi whereas other participants included Intezar Hussain, Bano Qudsia, Masood Ashar, Dr. Atiya Syed, Dr. Ayesha Jalal, Dy. Syed Noman-ul-Haq, Dr. Furrukh Khan, Mirza Athar Baig and Amjad Tufail from Lahore; Asad Muhammad Khan, Mubeen Mirza and Asif Farrukhi from Karachi; and Dr. Rasheed Amjad, Dr. Anwaar Ahmed, Hameed Shahid and Dr. Najeeba Arif from Islamabad.

Halqa-e Dānish Fall 2011-12

Eleven weekly lectures on 'Women Writers of Urdu, Persian and Arabic were conducted during Fall 2011-12.

- | | |
|---|---|
| 1. Qurrat al-ain Tahir | Speaker: Dr. Noman-ul-Haq |
| 2. Zebunnisā Makhfi | Speaker: Dr. Athar Masood |
| 3. Rabia Khuzdari | Speaker: Dr. Moeen Nizami |
| 4. Khansa | Speaker: Dr. Khurshid Rizvi |
| 5. Rabia Basri | Speaker: Ahmed Javed |
| 6. Women Writing in Urdu before the Twentieth Century | Speaker: Yasmeen Hameed |
| 7. Mahasti Ganjavi | Speaker: Dr. Tahseen Firaqi |
| 8. Lalla Arifa and Habba Khatun | Speaker: Dr. Yusuf Bokhari |
| 9. Mira Bai | Speaker: Iftikhar Arif |
| 10. Women Writers in the Western Tradition before the Twentieth Century | Speaker: Iffat Saeed |
| 11. Contemporary Women Writers | Speakers: Zaheda Hina and Shahida Hasan |

Halqa-e Dānish Spring 2011-12

Nine weekly sessions were conducted on the Urdu short story in Spring 2011-12. Eight Urdu short story writers were read and discussed during these sessions.

- | | |
|----------------------------------|----------------------------------|
| 1. Guest: Shahnaz Aijazuddin | Text from Tilism-e Hoshrubā |
| 2. Guest: Mirza Athar Baig | Short story / Enver Sajjad |
| 3. Guest: Dr. Farrukh Khan | Short story / Intezar Husain |
| 4. Guest: Amjad Tufail | Short story / Khalida Husain |
| 5. Guest: Dr. Nasir Abbas Nayyar | Short story / Rasheed Amjad |
| 6. Guest: Mahmood Gilani | Short story / Mirza Athar Baig |
| 7. Guest: Mirza Athar Baig | Short story / Nayyar Masood |
| 8. Guest: Dr. Zia-ul-Hassan | Short story / Asad Muhammad Khan |
| 9. Guest: Dr. Syed Noman-ul-Haq | Short novel / Abdul Halim Sharar |

Guest Lectures

- Lecture on 'Iqbal's Vision' by Justice Javed Iqbal in Dr. Moeen Nizami's Persian class on November 22, 2011.
- Lecture by Prof. Ghulam Husain Sajid on 'Modern Urdu Nazm' in Yasmeen Hameed's class on December 13, 2011.
- Lecture by Dr. Jamila Shaukat on 'Impact of Arabic on Islamic Culture' in Dr. Yusuf Siddiq's Arabic class on February 01, 2012.
- Lecture by Dr. Shamim Hanfi on 'Why Do We Study Literature?' (Ham Adab Kyun Parhte Hain) on April 10, 2012.

Faculty Achievements

- Yasmeen Hameed, Coordinator, Gurmani Centre and Writer in Residence (Urdu Literature), Department of Humanities and Social Sciences at LUMS, received the Literary Excellence Award for her book 'Pakistani Urdu Verse'.
- Ahmed Bilal Awan's PhD thesis submitted to the G.C University. His topic is Falsafiyān Ma'uzū'at Par Urdu Kutub.





Student Medals

Student Medals

MEDALS – JUNE 2012

MBA Programme

Name	Award
Salman Vigar Ahmed	NMF Gold Medal - Overall 1st Position & Dean's Honour List
Khurram Merchant	NMF Silver Medal - Overall 2nd Position & Dean's Honour List
Muhammad Bilal Chaudhry	Dean's Honour List
Fahd Arif Sheikh	Dean's Honour List
Jibran Arshad Chughtai	Dean's Honour List
Ahsen Altaf	Dean's Honour List
Umer Qadir	Dean's Honour List
Farwah Ahmed	Dean's Honour List
Masud Anwar	Dean's Honour List
Haris Bin Javed	Dean's Honour List
Muhammad Mobeen Ajmal	Dean's Honour List

Name	Medal
Farwah Ahmed	Aftab Associates Medal for the 'Consumer Behaviour and Market Research' course
Noman Ul Haq	Al-Khair Group Medal for the 'Business Development and Strategy' course
Muhammad Mobeen Ajmal	Citibank Medal for the 'Financial Derivatives' course
Jibran Arshad Chughtai	Crescent Group Medal for the 'Operations Management' course
Fahd Arif Sheikh	HUM TV Medal for the 'Advertising and Promotions Management' course
Saif Khan	Kamera Kraft Medal for the 'Managerial Communication' course
Khurram Merchant	Nestle Medal for the 'Marketing Management' course
Khurram Merchant	Standard Chartered Bank Medal for the 'Financial Management' course
Muhammad Mobeen Ajmal	Askari Commercial Bank for the 'Commercial Banking' course
Haris Bin Javed	Mohammad Ali Tariq Memorial Medal for the 'Entrepreneurship' course

Executive MBA Programme

Name	Award
Adeel Ahmed	NMF Gold Medal – Overall 1st Position & Dean's Honour List
Muhammad Hadayat	NMF Silver Medal - Overall 2nd Position & Dean's Honour List
Syed Umar Farooq	Dean's Honour List



MS in Computer Science Programme

Name	Award
Zaeem Asif	NMF Gold Medal - Overall 1st Position & Dean's Honour List
Zoya Arif	NMF Silver Medal - Overall 2nd Position & Dean's Honour List
Muhammad Bilal	Dean's Honour List
Adnan Ahmad	Dean's Honour List
Sidra Haque	Dean's Honour List
Muhammad Omer Ashfaq	Dean's Honour List
Ahmer Arif	Dean's Honour List

MS in Computer Engineering Programme

Name	Award
Zahaib Akhtar	NMF Gold Medal - Overall 1st Position & Dean's Honour List
Nasir Jamal	NMF Silver Medal - Overall 2nd Position & Dean's Honour List
Wajeeha Khan	Dean's Honour List
Amara Tariq	Dean's Honour List
Nauman Shahid	Dean's Honour List

MSc Economics Programme

Name	Award
Rubab Tayyab	NMF Gold Medal - Overall 1st Position (tied) & Dean's Honour List
Minahil Zafar	NMF Gold Medal - Overall 1st Position (tied) & Dean's Honour List
Afaaf Afzal	Dean's Honour List
Sahar Shah	Dean's Honour List

BA-LL.B Programme

Name	Award
Aisha Ahmad	Gold Medal - 1st Position Law & Dean's Honour List
Dina Arham Makhdum	Dean's Honour List
Maria Farooq	Dean's Honour List



Student Medals

BSc (Honours) Programme

Name	Award
Muhammad Usama	NMF Gold Medal - Overall 1st Position; Gold Medal - 1st Position Electrical Engineering & Dean's Honour List
Khadija Zeb	NMF Silver Medal - Overall 2nd Position (tied); Gold Medal - 1st Position Economics (tied) & Dean's Honour List
Ahmad Bilal Asghar	NMF Silver Medal - Overall 2nd Position (tied) & Dean's Honour List
Hunain Mandvia	Gold Medal - 1st Position Accounting & Finance & Dean's Honour List
Aamna Mobashar	Gold Medal - 1st Position Economics (tied) & Dean's Honour List
Muhammad Hasin Yousaf	Syed Zahoor Hassan Medal for best NOP Student; Gold Medal - 1st Position Mathematics & Dean's Honour List
Amna Chaudhry	Gold Medal - 1st Position Political Science & Dean's Honour List
Anum Najeem Dilawar Khan	Gold Medal - 1st Position Anthropology/Sociology & Dean's Honour List
Zain Umer	Gold Medal - 1st Position Biology & Dean's Honour List
Zain Yousaf	Gold Medal - 1st Position Chemistry & Dean's Honour List
Maisem Jaffer Ali	Gold Medal - 1st Position Computer Science & Dean's Honour List
Sara Kazmi	Gold Medal - 1st Position Humanities & Dean's Honour List
Mariam Javed	Dean's Honour List
Anum Mustafa	Dean's Honour List
Saad Pervaiz	Dean's Honour List
Hashim Rashid	Dean's Honour List
Ghufran Ahmad	Dean's Honour List
Ahmed Khalid	Dean's Honour List
Hassan Ilyas	Dean's Honour List
Farah Maham Arshad	Dean's Honour List
Summayah Leghari	Dean's Honour List
Sarah Shaukat	Dean's Honour List
Sheikh Omer Zaheer	Dean's Honour List
Mahwish Waqar	Dean's Honour List
Mirza Uzair Baig	Dean's Honour List
Muhammad Asif Rana	Dean's Honour List
Ansab Ali	Dean's Honour List
Usman Ghaus	Dean's Honour List
Rohail Hassan	Dean's Honour List
Umair Babar Chishti	Dean's Honour List
Danya Arif Siddiqi	Dean's Honour List
Syedah Aroob Iqbal	Dean's Honour List
Syeda Nayab Fatima Abidi	Dean's Honour List
Saman Hussain	Dean's Honour List
Ahlam Saeed	Dean's Honour List
Rabiya Rashid	Dean's Honour List
Jalal Hamid	Dean's Honour List
Anum Shahzad	Dean's Honour List
Mehek Akram	Dean's Honour List
Abdul Rehman Shabbir	Dean's Honour List
Syed Hussain Danish	Dean's Honour List
Uzair Azmat	Dean's Honour List
Ammar Ahmed Khan	Dean's Honour List
Maryam Amjad	Dean's Honour List
Rida Amjad	Dean's Honour List
Kamil Ahsan	Dean's Honour List
Wafa Shaukat Veljee	Dean's Honour List
Mahek Majid	Dean's Honour List

Student Medals

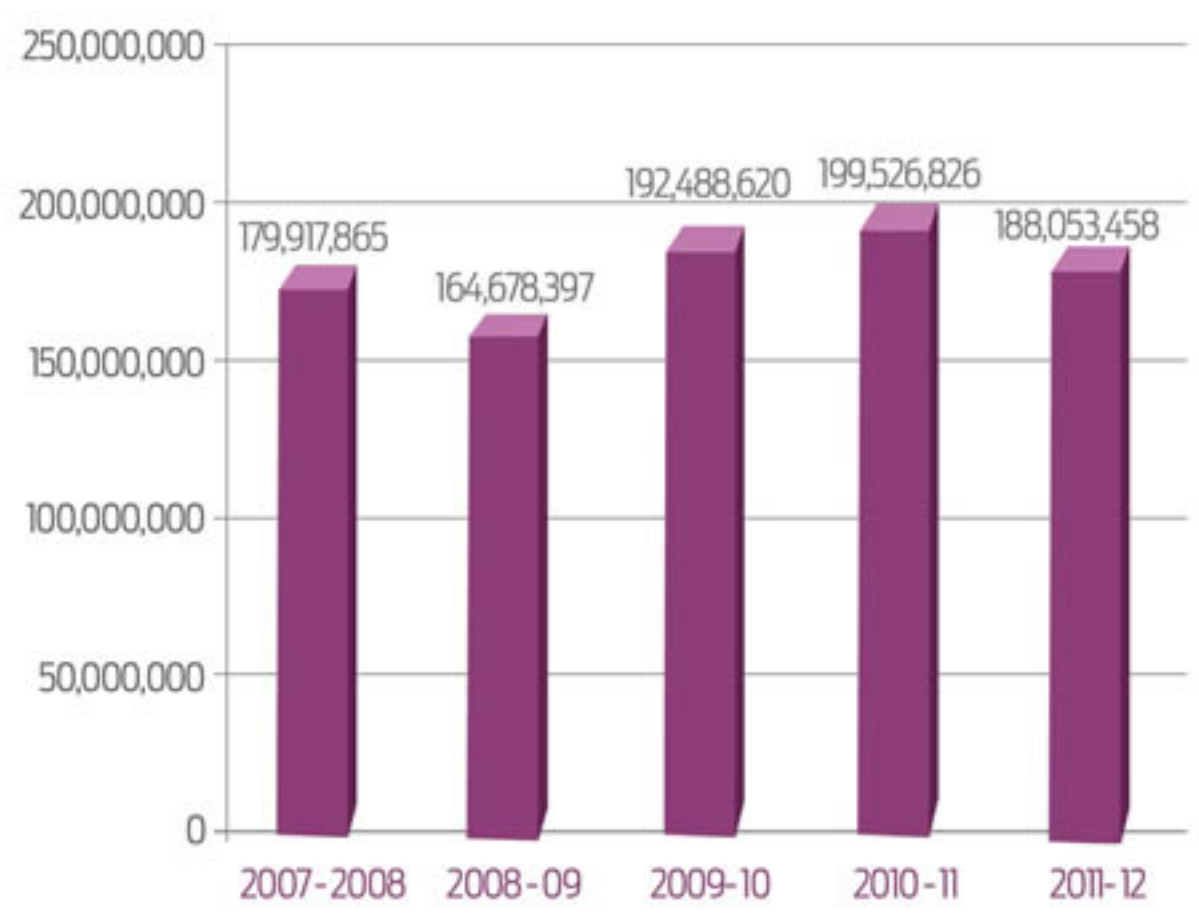
Name	Award
Fahad Rahim	Dean's Honour List
Zain Abbas	Dean's Honour List
Aneeq Zia	Dean's Honour List
Khadija Noor Aftab	Dean's Honour List
Sidra Ilyas	Dean's Honour List
Rafiq Abdul Rehman Lightwala	Dean's Honour List
Ahsan Khawar	Dean's Honour List
Zara Salman	Dean's Honour List
Talal Ahmed	Dean's Honour List
Amirali Hussain Ali Parpia	Dean's Honour List
Alina Rashid	Dean's Honour List
Shahnawaz Khalid	Dean's Honour List
Omer Majid Mir	Dean's Honour List
Haider Tariq	Dean's Honour List
Syed Nasir Abbas Rizvi	Dean's Honour List
Maria Qureshi	Dean's Honour List
Muhammad Imran	Dean's Honour List
Syed Moez Hassan	Dean's Honour List
Muhammad Ahmed Riaz	Dean's Honour List
Sharoz Hameed	Dean's Honour List
Mohammad Haris Baig	Dean's Honour List
Ali Aziz	Dean's Honour List
Muhammad Shoaib Khan Bhatti	Dean's Honour List
Amna Iqbal	Dean's Honour List
Zainab Rahil	Dean's Honour List
Aleeza Rasool	Dean's Honour List
Myra Ejaz	Dean's Honour List
Anum Khan	Dean's Honour List
Amina Zaka	Dean's Honour List
Fahd Iqtidar Mir	Dean's Honour List
Ahmer Ibrahim	Dean's Honour List
Mohammad Ali Raahim	Dean's Honour List
Muhammad Ammar Hassan	Dean's Honour List
Haris Javaid Raja	Dean's Honour List
Kamil Majeed	Dean's Honour List
Muhammad Kafeel Zaheer	Dean's Honour List
Muhammad Usama Bin Sikandar	Dean's Honour List
Muhammad Bilal Zafar	Dean's Honour List
Sana Kamran	Dean's Honour List
Manizeh Dossa	Dean's Honour List
Asadullah Naweed	Dean's Honour List
Tayeba Batool	Dean's Honour List
Qurat-ul-Ayn Ashraf	Dean's Honour List
Muhammad Hassan	Dean's Honour List
Ahmed Mobeen Piracha	Dean's Honour List
Saman Imtiaz	Dean's Honour List
Zohra Nasir	Dean's Honour List
Anam Ejaz	Dean's Honour List
Zeelomi Shoaib Wadiwalla	Dean's Honour List
Talha Naushad	Dean's Honour List
Zaeem Azhar Khan	Dean's Honour List
Muhammad Junaid Amin	Dean's Honour List



Donors & Donations

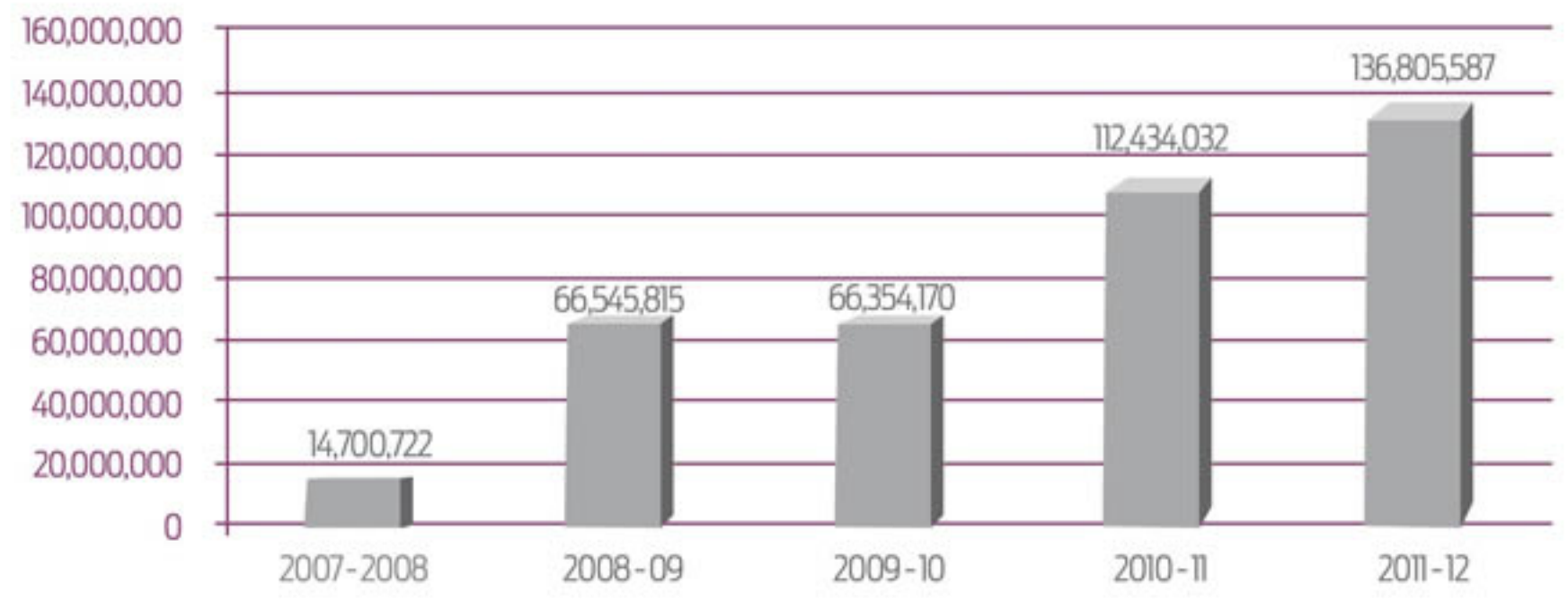
Donors & Donations

	2007-2008	2008-09	2009-10	2010-11	2011-12
Total Funds Raised (in PKR)	179,917,865	164,678,397	192,488,620	199,526,826	188,053,458
Funds Raised for NOP (in PKR)	14,700,722	66,545,815	66,354,170	112,434,032	136,805,587



Funds Raised in the Past 5 Years

**National Outreach Programme (NOP)
Funds Raised in Past 5 Years**



Donors & Donations

Total number of donors (alumni, students, parents, corporations, foundations, and friends) who have made gifts to LUMS

Approx. **1000**

Amount raised during Ramadan last year

PKR **2,345,749**

NOP Related Statistics

Total amount raised for the National Outreach Programme (NOP) during the period 1 July, 2011 to 30 June, 2012 **PKR 136,805,587**

Total number of NOP graduates so far **Approximately 150**

Number of Benefactors **34**

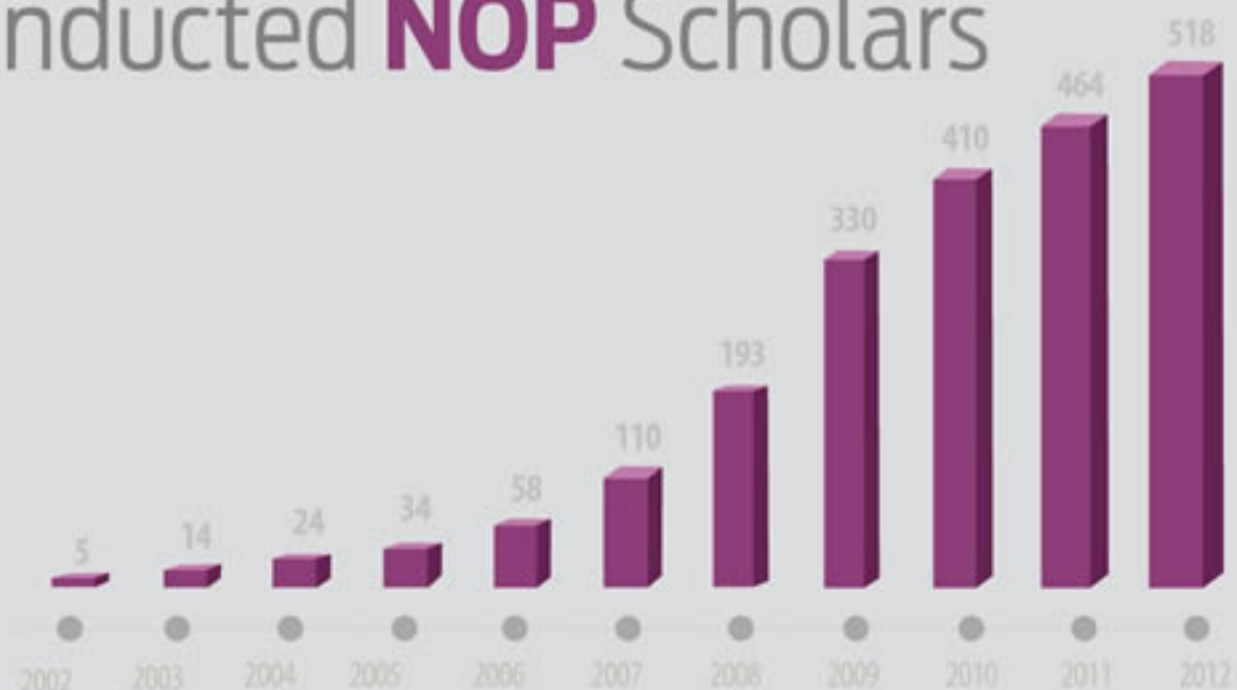
Number of Patrons **34**

Number of Guardians **6**

Number of Supporters **13**

Number of Alumni Class Gifts **15**

Inducted **NOP** Scholars





Financials

Summary of Last 3 Years Financial Results

(Rupees in '000')

Years	FY 2009-10	FY 2010-11	FY 2011-12
Sources			
Scholarship Grants	77,785	81,439	96,432
Tuition Fee	807,465	1,037,528	1,338,796
Executive Development Programmes	129,282	135,106	159,373
Sponsored Project Revenue	71,255	79,875	224,358
Consultancy Fee	12,772	9,472	4,635
Return on Investment	27,594	52,670	88,858
Cafeteria Income	51,064	66,576	74,119
Other Income	132,307	147,527	258,033
Gross Operating Receipts	1,309,524	1,610,193	2,244,605
Utilization			
Salaries & Instructional Support	604,196	693,742	688,611
Advertisements	13,052	16,837	7,980
Supplies & Services	143,449	154,734	182,008
Utilities	93,703	118,406	151,523
Depreciation / Amortization	126,652	120,331	117,594
International & Local Travel	28,479	20,260	17,535
Estate Management	37,585	31,057	27,050
Training, Research & Development	71,830	101,627	244,823
Scholarship & Fee Waivers	273,133	348,537	328,094
Miscellaneous Expenses	58,162	64,550	42,216
Total Operating Expenses	1,450,241	1,670,081	1,807,434
Capital Expenditure	162,750	137,253	154,098
Net Surplus / (Deficit)	(303,467)	(197,141)	283,074

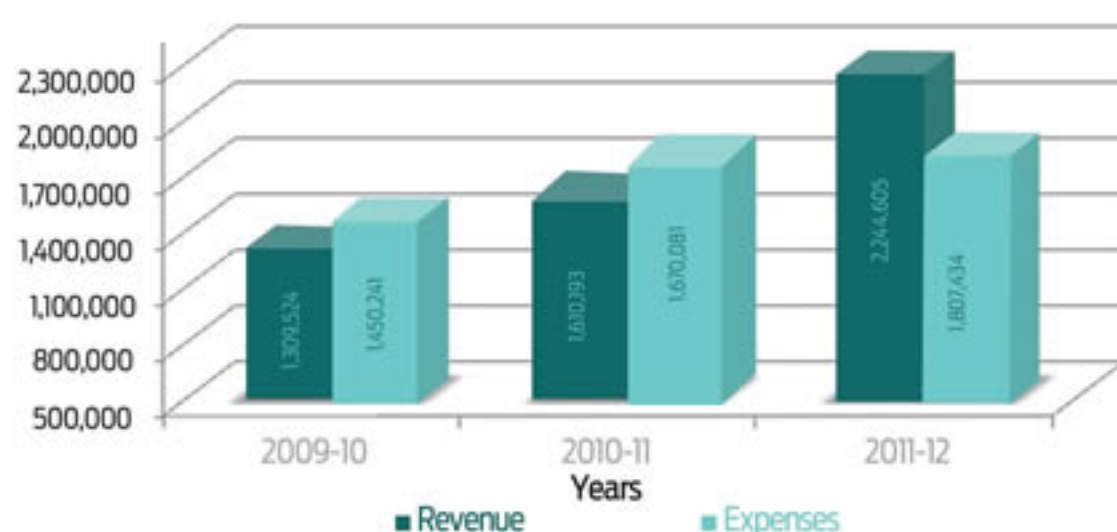
Note: Corresponding figures have been re-arranged & changed, wherever necessary, for the purpose of comparison.

Revenue & Expenditure GROWTH

(Rupees in '000')

Years	Revenue	Expenses
2009-10	1,309,524	1,450,241
2010-11	1,610,193	1,670,081
2011-12	2,244,605	1,807,434

Year Wise Growth in Revenue & Expenses

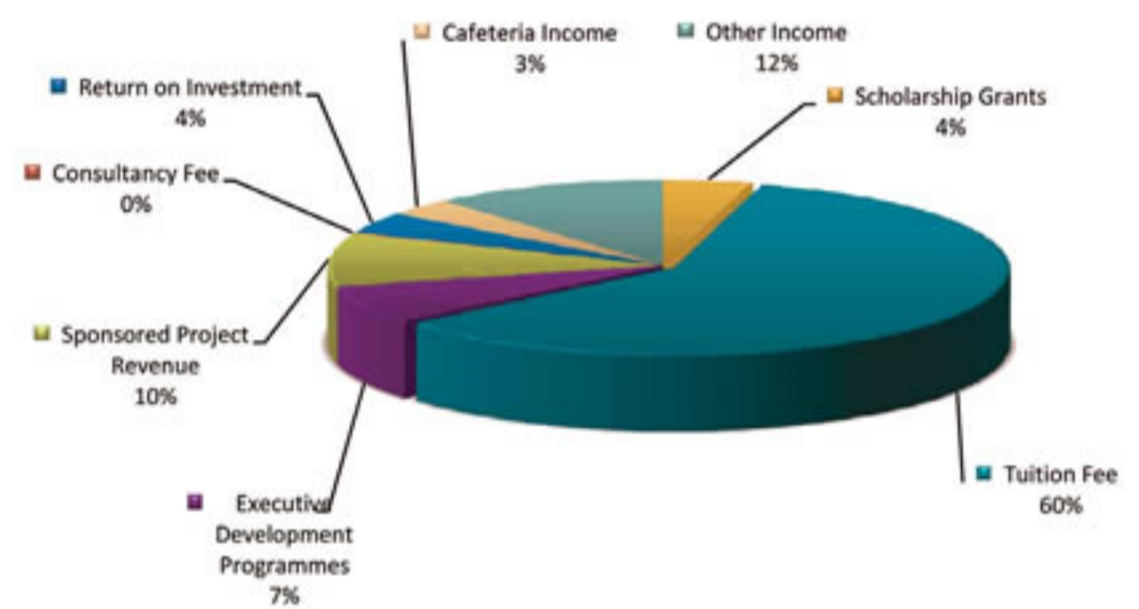


University Operating REVENUE (FY 2011-12)

(Rupees in '000')

Scholarship Grants	96,432
Tuition Fee	1,338,796
Executive Development Programmes	159,373
Sponsored Project Revenue	224,358
Consultancy Fee	4,635
Return on Investment	88,858
Cafeteria Income	74,119
Other Income	258,033
Total	2,244,605

University Operating Revenue (FY 2011-12)



University Operating EXPENSES (FY 2011)

(Rupees in '000')

Salaries & Benefits	688,611
Advertisements	7,980
Supplies & Services	182,008
Utilities	151,523
Depreciation	117,594
International & Local Travel	17,535
Estate Management	27,050
Training, Research & Development	244,823
Scholarship & Fee Waivers	328,094
Miscellaneous Expenses	42,216
Total	1,807,434

Expenses for the FY 2011-12

