



Annual Report 2013

Edited and Compiled by: LUMS Communications Team

Designed by:

Durraj Nadeem Khan Khosa

Special thanks:

LUMS Photography Society

Published by:

Office of Marketing, Fundraising & Alumni Lahore University of Management Sciences Telephone: +92 42 111 11 LUMS (5867) Email: communications@lums.edu.pk

Website: www.lums.edu.pk



Pro-Chancellor Syed Babar Ali

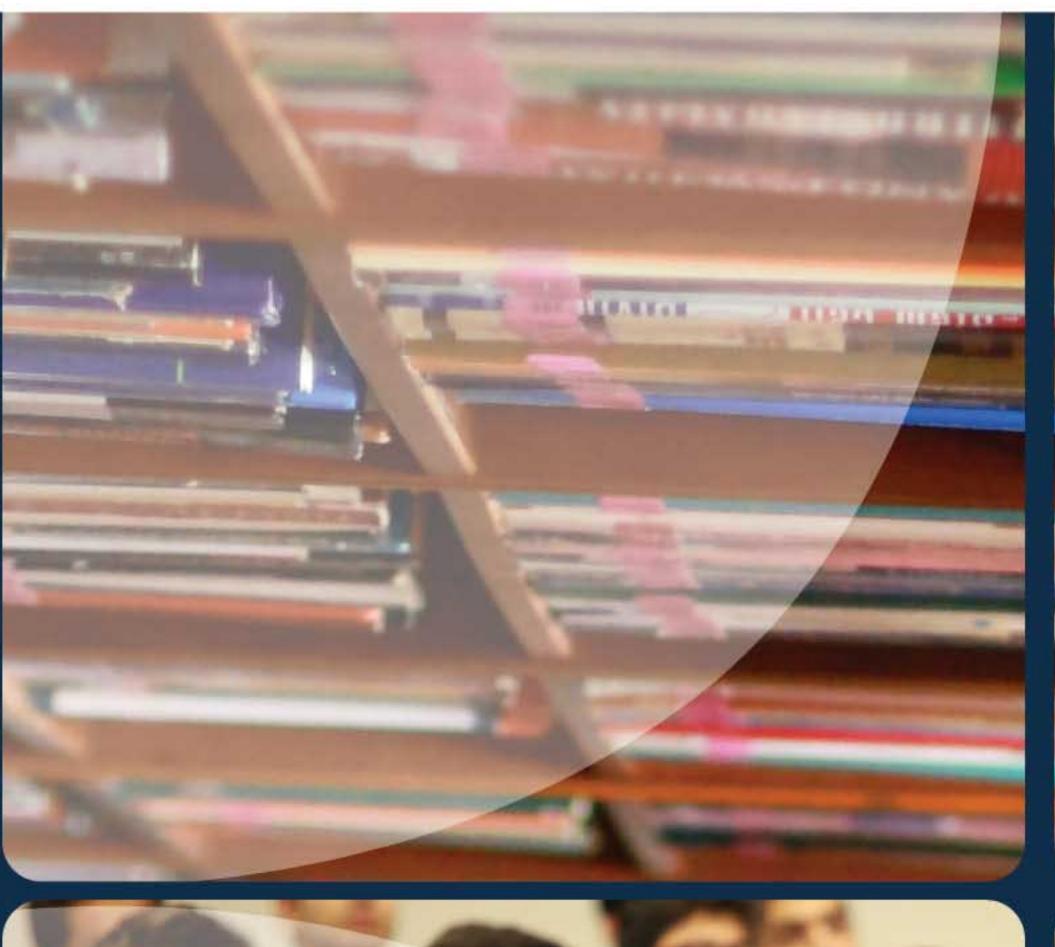
Rector Abdul Razzak Dawood Vice Chancellor Dr. S. Sohail H. Naqvi

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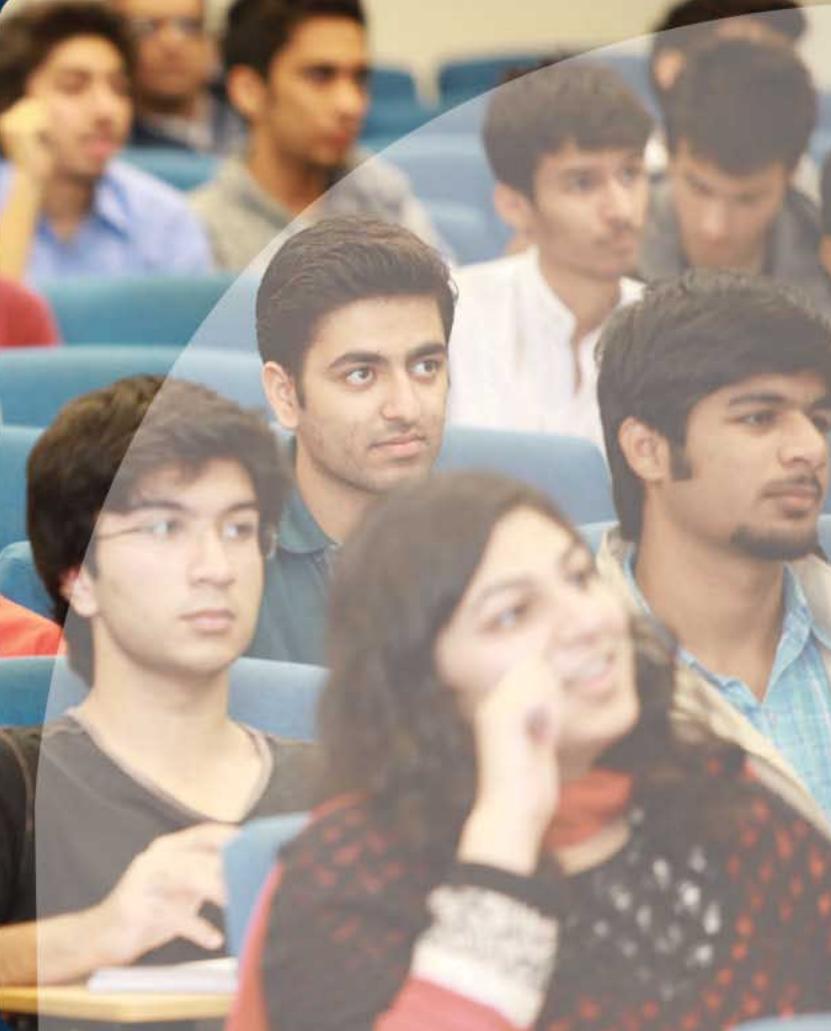
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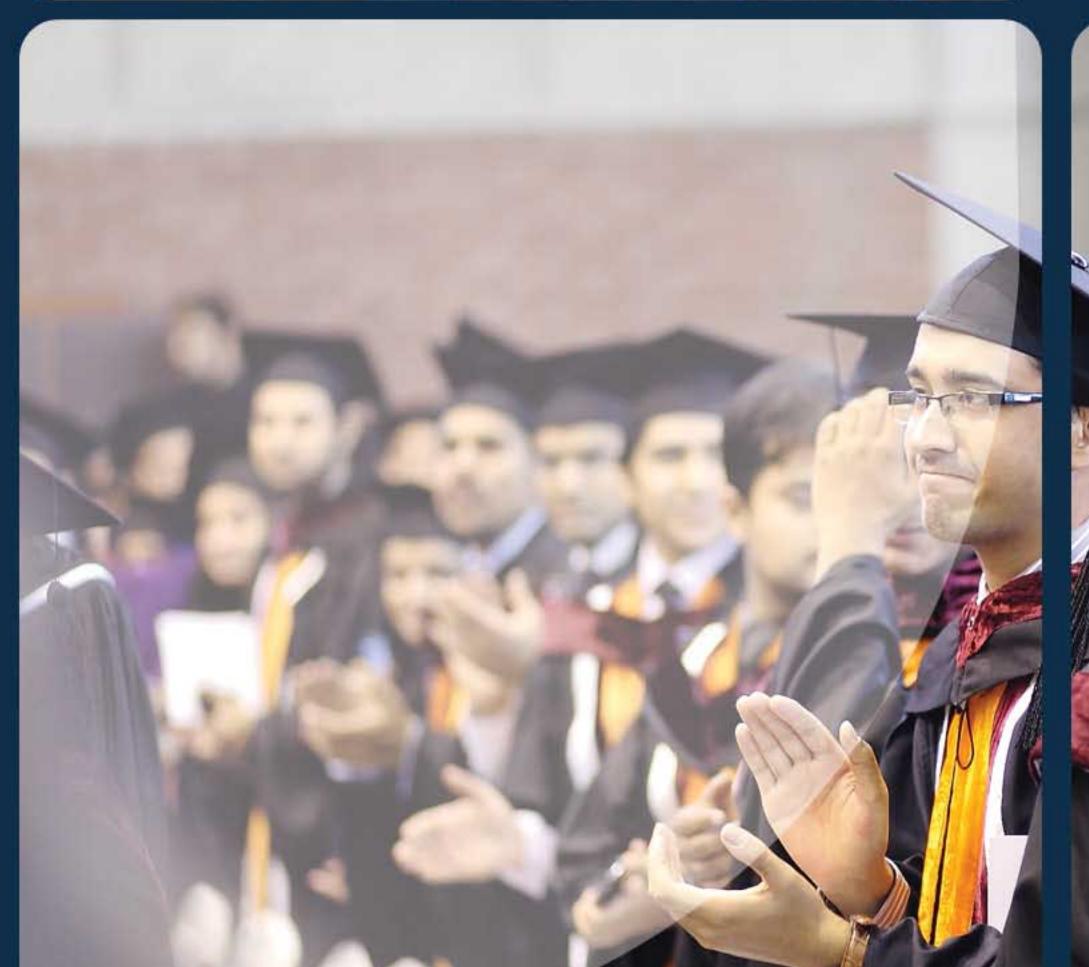
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INTRODUCTION TO THE LAHORE UNIVERSITY OF MANAGEMENT SCIENCES (LUMS)

ntroduction

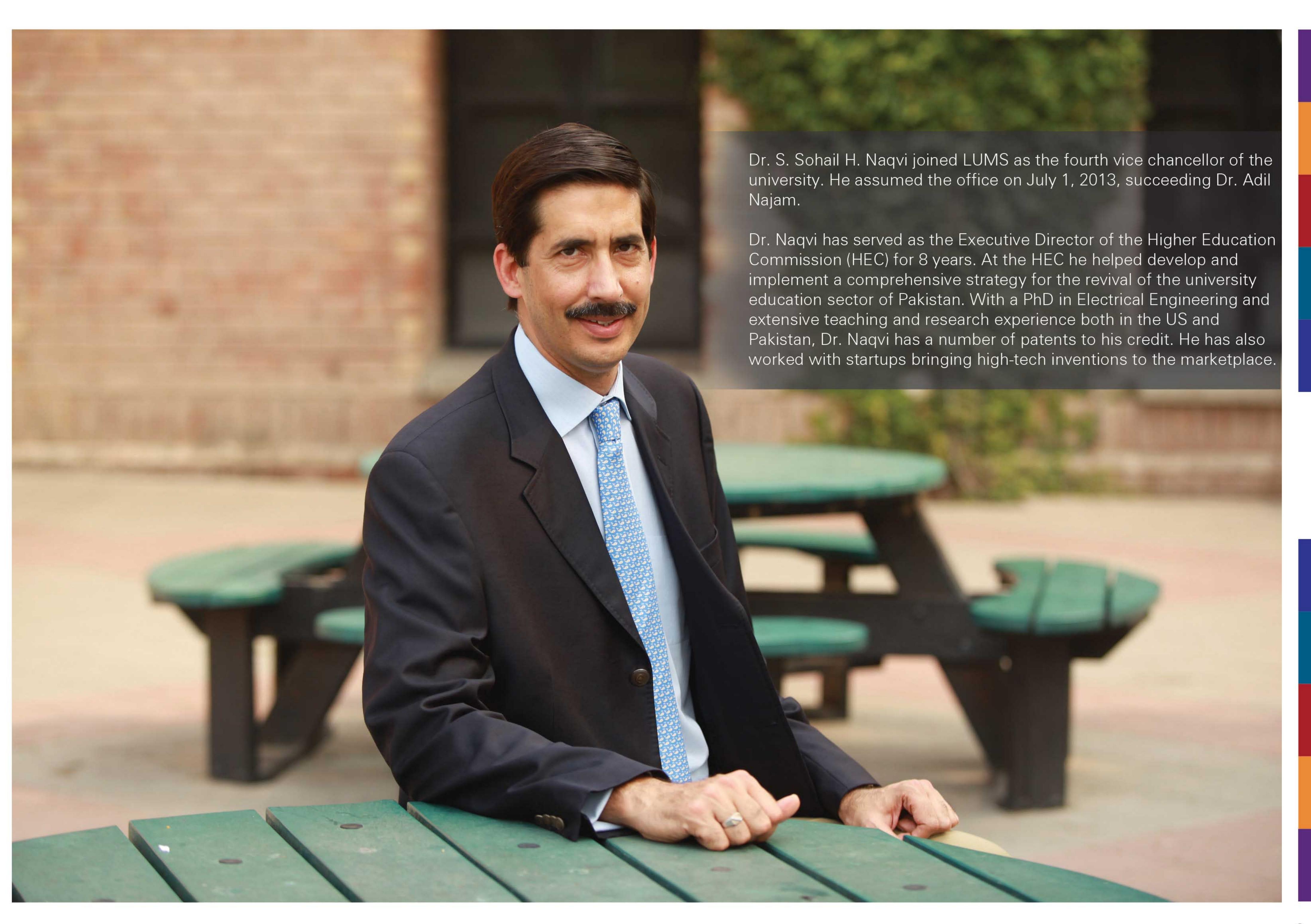


2012-2013 proved to be another exciting year for LUMS, with many developments on the academic, research and fundraising fronts. During this term, the university not only strengthened in terms of expanding on academic offerings but also improved on the existing administrative processes, along with new initiatives in the areas of environment, technology and internet, and much more.

LUMS entered into new agreements with various organisations, taking forward its vision of making higher education available to all. Amongst these, one of the most important developments of LUMS during the year has been a PKR 1 billion agreement with the UK Government's Department for International Development (DFID) to work for the empowerment of the youth through education. The LUMS-DFID programme aims at helping alleviate poverty through quality education, allowing young people to go on to earn more money through better jobs and so lift themselves and their families out of poverty. As part of the initiative, the UK government and LUMS will work together to help nearly 400 of the brightest students from disadvantaged households in Pakistan attain quality higher education.

Like previous years, this year too was marked by many accomplishments of students and faculty, which added to LUMS' existing reputation of being among the best universities, both locally and internationally. The role of faculty and students from all three schools — Suleman Dawood School of Business (SDSB), Mushtaq Ahmad Gurmani School of Humanities and Social Sciences (MGSHSS) and Syed Babar Ali School of Science and Engineering (SBASSE) — has been more research intensive. The University has announced plans to launch an independent School of Law, the Shaikh Ahmad Hassan School of Law, as its fourth School, and a stand-alone building for the School is currently being designed.

We intend to continue this year in the same vein and hope to have many more accomplishments to celebrate.





LUMS IN NUMBERS

TOTAL NUMBER OF ALUMNI

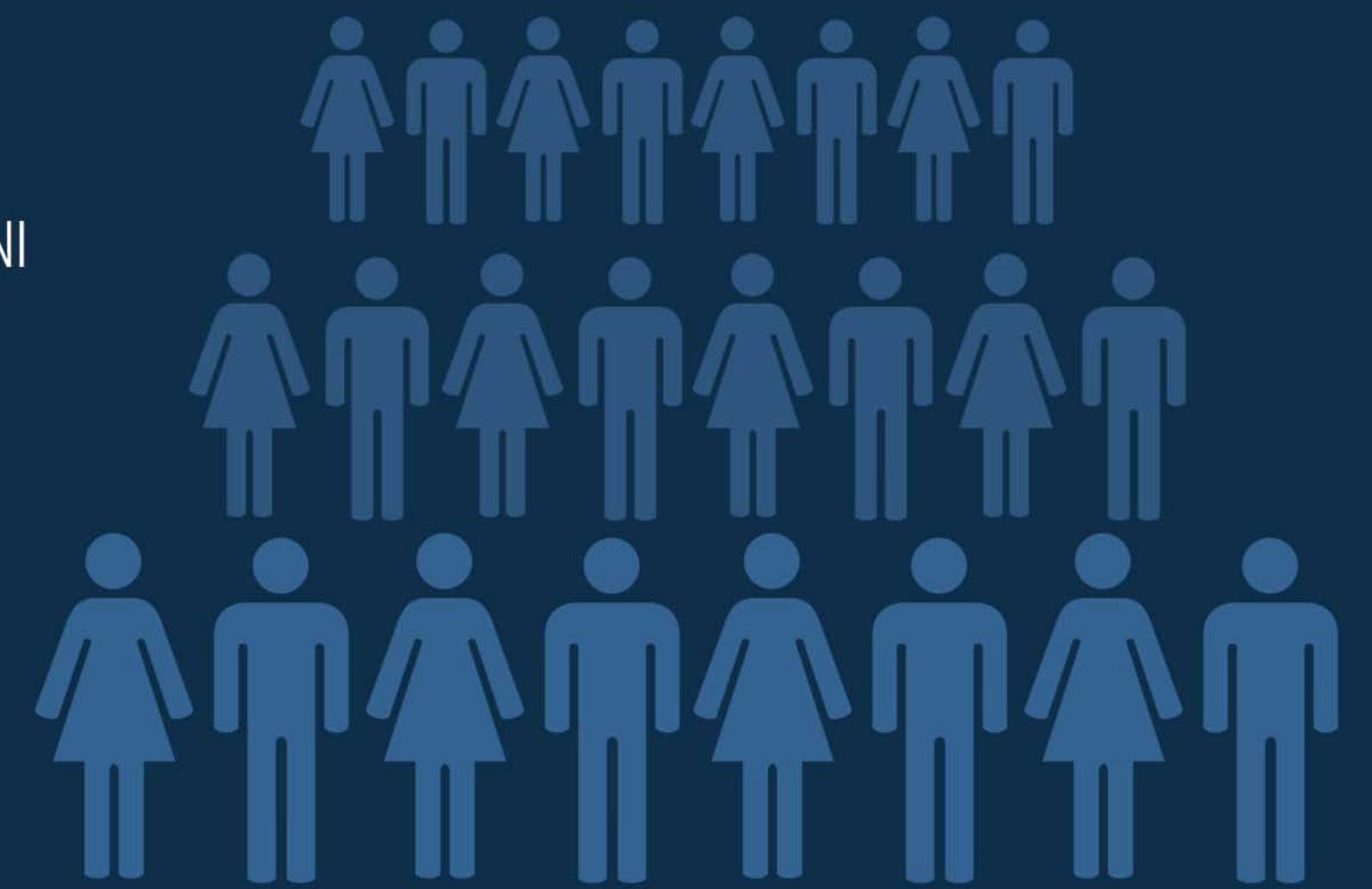
7293

36%	Percentage of female alumni
64%	Percentage of male alumni
4330	Total number of alumni from undergraduate stream
2963	Total number of alumni from graduate stream (MS and PhD)

NOP SCHOLARS TO DATE 607

SCHOOL WISE BREAKUP OF ALUMNI

SDSB	2619
MGSHSS	3734
SBASSE	0940



LUMS IN NUMBERS



SDSB 54



MGSHSS

Economics
Social Sciences

THATATATATATAT

Total Number of students 3752

2357 Number of male students

Number of female students 1395

CURRENT POSTGRADUATE

STUDENTS

Number of postgraduate female students 05

CURRENT GRADUATE

STUDENTS

488

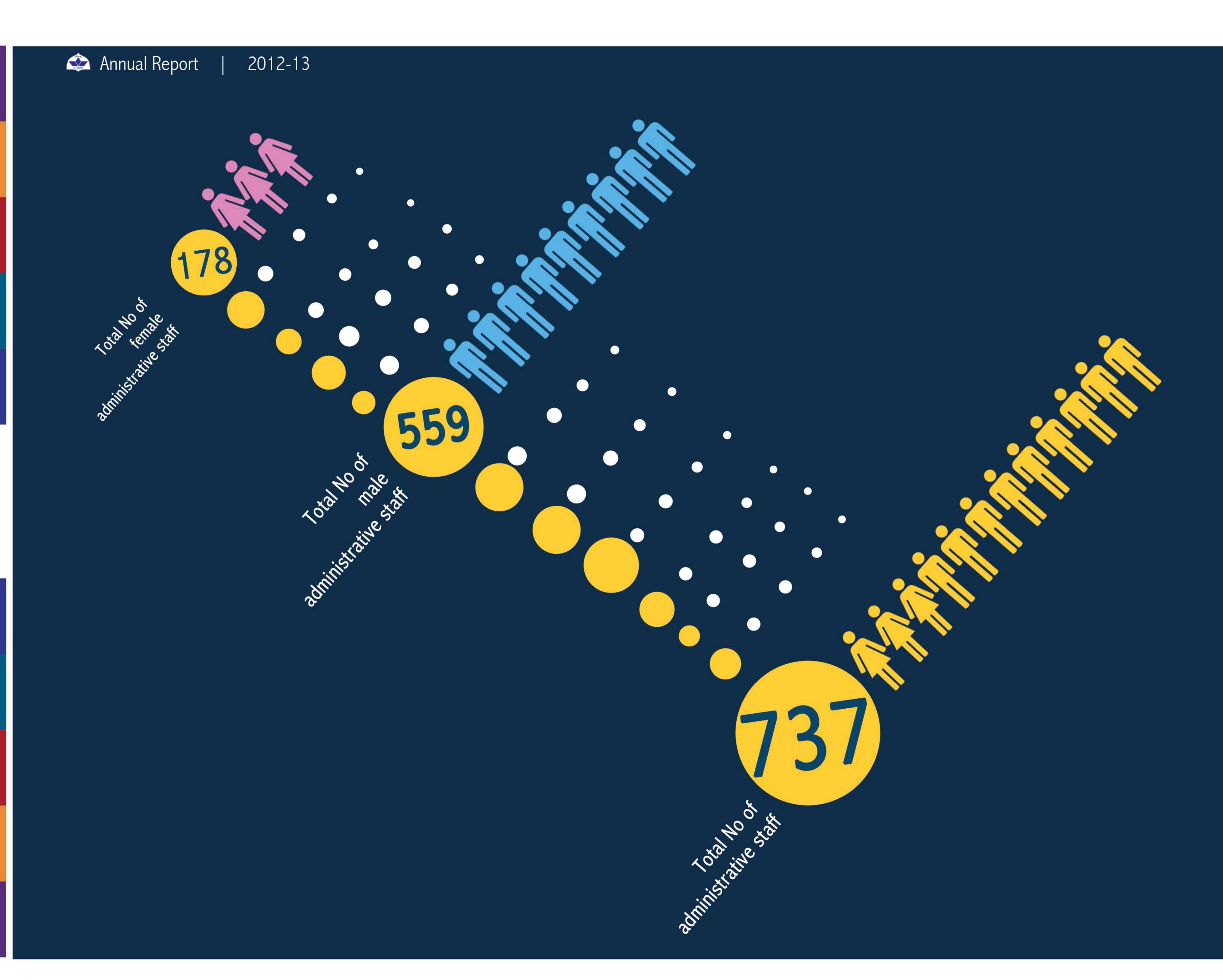
Number of graduate 363 male students Number of graduate female students

CURRENT UNDERGRADUATE

STUDENTS

3238

Number of undergraduate 1973 male students Number of undergraduate 1265 female students



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SCHOOLS AT LUMS

PhD Management

MBA
Executive MBA

BSc (Honours)
Accounting & Finance
Management Science

Suleman Dawood School of Business

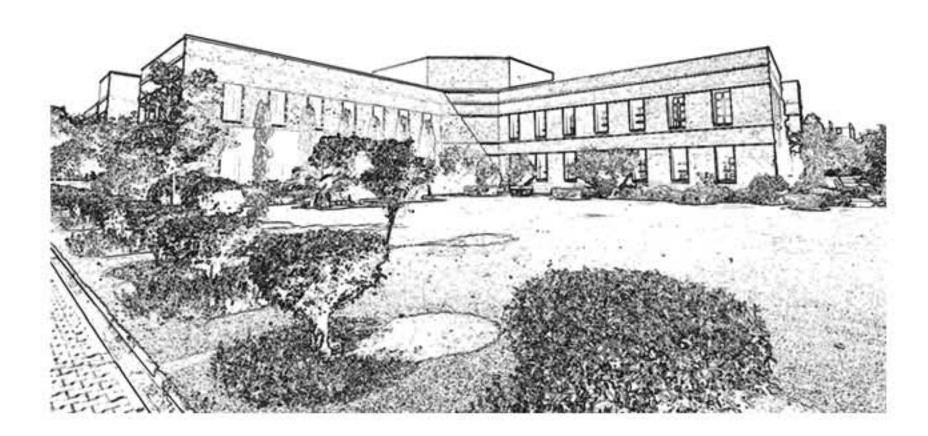


MSc Economics

BSc (Honours)
Anthropology / Sociology
Economics
Economics and Politics
Political Science

BA (Honours)
History
English (from Fall '14)

Mushtaq Ahmad Gurmani School of Humanities & Social Sciences



PhD, MS & BS

Biology
Chemistry
Computer Science
Electrical Engineering
Mathematics

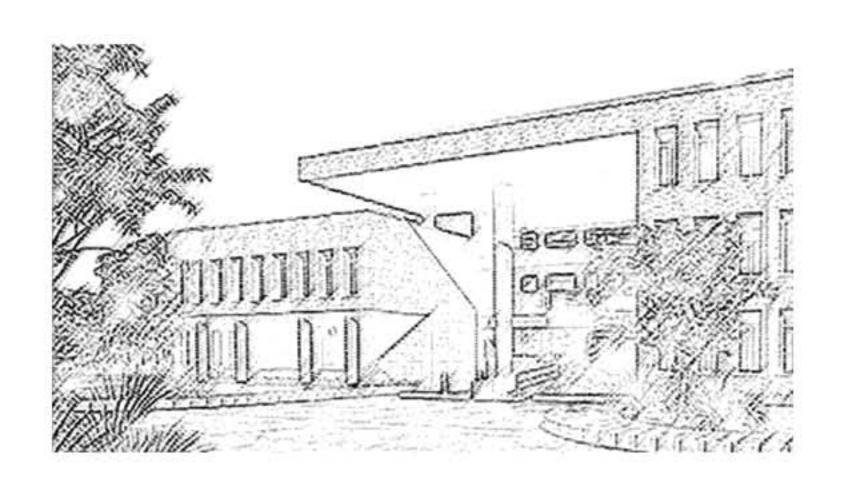
Syed Babar Ali
School of Science & Engineering



BA-LL.B

Physics

Shaikh Ahmad Hassan School of Law



SULEMAN DAWOOD SCHOOL OF BUSINESS (SDSB)

DEGREES OFFERED

- BSc (Honours) Accounting & Finance
- BSc (Honours) Management Science
- Masters in Business Administration (MBA)
- Executive MBA (EMBA)
- PhD Management





Dr. Arif Nazir Butt

The Suleman Dawood School of Business (SDSB) is a leading management school in Asia, especially distinguished as the pioneer of the case method of teaching in Pakistan. With over five hundred local cases and several high quality publications written by its faculty, it has focused on doing 'relevant' research that can be communicated to various stakeholders and brought into the classrooms. 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.

The academic programmes are designed to develop leaders who can identify real challenges and present solutions. Our programmes are industry relevant, addressing the pressing needs of today and constantly reinvented through the cutting edge research of our faculty.

SDSB undergraduate programmes – BSc Honours in Accounting & Finance, and Management Science, groom highly professional graduates. The graduate programmes offered include MBA, Executive MBA, and PhD Management, which give our graduates a global perspective. Our executive education and customised training programmes are highly sought after by organisations in the public and private domains.

Our research and executive centres are complemented by the highly accomplished faculty who work 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 are published in well renowned journals, including our own Asian Journal of Management Cases.

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 (CRC). Our new initiative of conducting sector based research and providing education in the areas of Agribusiness, Entrepreneurship & Family Business, Education Management and Energy Management is helping us stay relevant to the changing needs of the local and global economies.

The Social Enterprise Development Centre (SEDC) and the Rausing Executive Development Centre (REDC) 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.

Dr. Arif Nazir Butt Dean and Professor SDSB

BSc (Honours) Accounting and Finance & BSc (Honours) Management Science

- Undergraduate batch size was increased to 662 students (FY 2012-13).
- Programme structures for Accounting & Finance (ACF) and Management Science were revised according to expectations and needs of the market.
- New electives in the field of accounting, finance management and marketing were offered in the undergraduate programme.
- SDSB undergraduate students were awarded merit based scholarships in order to continue their graduate studies in Europe, the US and the Netherlands.
- ACF 2013 students were selected for the CFA Scholarship Programme FY 2012-13 under partnership agreement with CFA Institute. Both students will get fee exemption from CFA for their exams.
- LUMS & Institute of Chartered Accountants of Pakistan (ICAP) signed a memorandum of understanding to facilitate the graduates of BSc (Honours) Accounting and Finance programme at SDSB in acquiring their CA professional qualification. Upon graduation they will qualify for a more streamlined route which will exempt them from Modules A – D (12 courses) and 6 months off from their mandatory training. For professional qualification of Chartered Accountancy, additional requirements will include 3 years training and two modules E & F (8 courses).

- Highest number of ACF 2013 graduates were hired by MNCs - FY 2012-13 namely Engro Foods, Reckitt Benckiser, Standard Chartered, Proctor & Gamble and Unilever.
- During the FY 2012-13, the highest number of ACF students from the Class of 2015 (182) were placed in the top five audit firms, (international/ local) as part of their mandatory audit internship requirements.

MBA

- Three new half courses were added to the curriculum in the first year: 'Leadership and Social Responsibility'; 'Business Development and Economy'; and 'Business Integration and Innovation'
- In the second year, the following new electives were introduced:
 - Economic Environment and Business Risk Management
 - Integrated Marketing Communications
 - Entrepreneurial Finance
 - Strategic Management of Social Enterprises
 - Risk Management and Shareholders' Value in Banks
- Professional and Career Development workshops were added to the programme.

EMBA

The Weekend EMBA was introduced to enable busy managers to acquire management education while fulfilling regular professional responsibilities. It is spread over 22 months and involves a total of 3 weeks and 32 weekends of full-time academic activity supplemented by distance learning.

HIGHLIGHTS

- In the second year of the modular EMBA programme, electives were offered for the first time to EMBA 2013 (2nd year) participants. Participants had the option of choosing one of the two groups: 'Marketing Strategy and Planning' and 'Corporate Finance'; 'Venture Creation' and 'Entrepreneurship and Family Business: Sustaining Value over the Long Term'.
- The International Module is an integral, five-day, component of the EMBA programme which was conducted in Malaysia. This year it consisted of sessions on 'globalisation' and 'cross-cultural management' with academics, experts and technocrats; visits to local manufacturers, distributors and retailers. The module, being a graded exercise, participants were required to submit a report at the end. Plans are in place to hold it in Turkey, Indonesia, India and China in the future.

PhD Management

- Muhammad Abdur Rahman Malik successfully defended his PhD Dissertation titled 'Rewards and Creativity: The Next Step' in partial fulfillment of a PhD degree in Management at SDSB under the supervision of Dr. Arif Nazir Butt, Dean SDSB.
- Muhammad Shakeel Sadiq Jajja successfully defended his PhD Dissertation titled 'Supply Chain Management and Organisational Performance: Strategy and Innovation Aspects' in partial fulfillment of a PhD degree in Management at SDSB under the supervision of Dr. Syed Zahoor Hassan.

MBA Executive Clubs & Societies

- LUMS MBA Global Management Club (GMC), an executive student club, hosted Synergies 2013 in March 2013. The event was attended by approximately 400 students from across Pakistan.
- The participants took part in:
 Perspicacia Business Case Competition
 Gauntlet Business Simulation Game and
 Beverage Game Supply Chain Management
 Simulation
- LUMS MBA Marketing Executive Club (LMEC), an executive student club hosted the annual Marketing Colloquium on March 30-31, 2013. Students from different universities across Pakistan competed to test their marketing skills through formulating brand strategies, preparing ATL and BTL marketing plans etc.
- The Marketing Colloquium 2013 included the following competitions:
 - Ad Effect Advert Competition
 - Brand Plan Comprehensive Marketing Strategy
 - Intopia Entrepreneurial and Marketing Competition
 - Brand Wars Case Study Competition
 - Brand Speak Speaker Sessions
 - Brandeur Branding Workshop
 - Brand Debate Panel Discussion
- LUMS MBA students from LMEC won the research oriented case based business strategy proposal competition titled 'Battle of the Brains' in March 2013. LUMS Marketing Executive Club (LMEC) and IBA Marketing Club in collaboration with Indus Motor Company (Toyota, Pakistan) had jointly organised the event. The best four

- teams from both institutes took part in the final round and LUMS MBA 2014 students were declared winners of the competition.
- The LUMS team named 'LUMS-Sharks' won the Case Simulation Competition organised by the National University of Computer and Emerging Sciences (NUCES-FAST), Islamabad. The winning team was rewarded with, shield, cash prize and return tickets to Dubai.
- LUMS Business Review (LBR), an official MBA club, published the club's flagship magazine titled 'The Design Issue', which offered articles and insights on 'Design Thinking in the Business World' alongside traditional business topics and student work.
- LUMS MBA Sports Society held their annual sports competition 'Dangal' in April 2013.

MBA Placement Office (MPO)

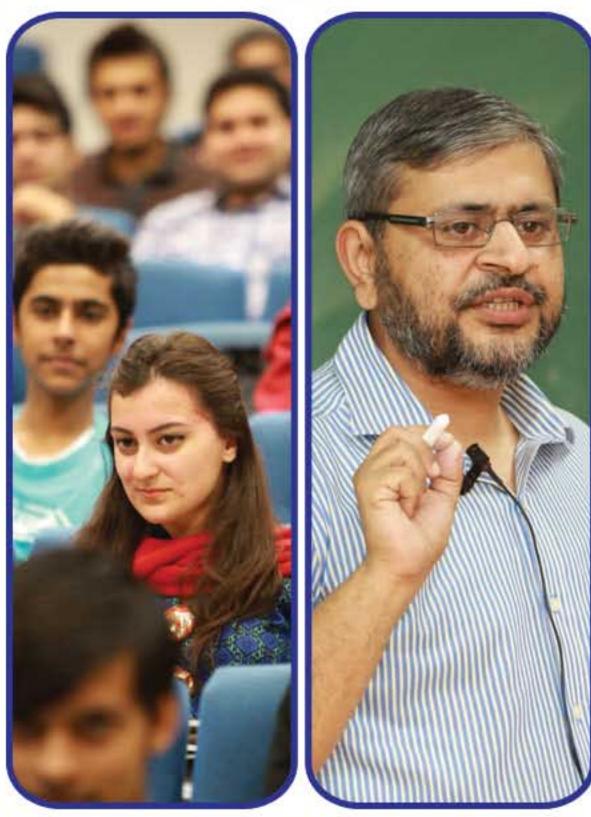
MPO Website

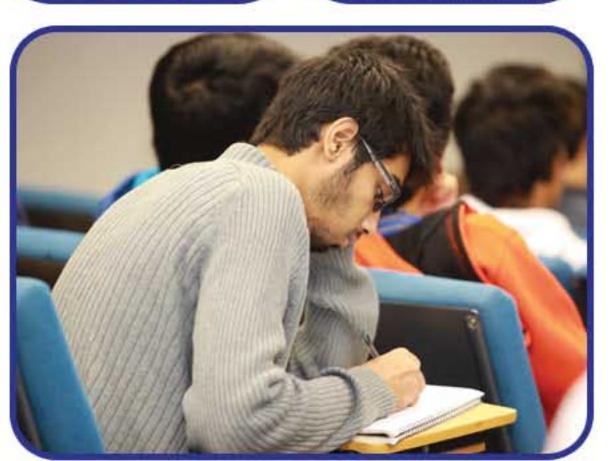
The MBA Placement Office maintains a dedicated portal for MBA career placements and internships. Despite having served its stakeholders well, the website has been put through a revamp phase as part of its maintenance and to introduce significant new and exciting functionalities for its users. Enhancements include a detailed student profile similar to LinkedIn/Facebook, multiple resumes for different functions and industries, an interactive calendar of events and an efficient in-built mailbox while new additions include two complete user corners; Mentor Corner and Alumni Corner. The former aims to connect the industry and academia with students through mentoring relationship while the latter will focus specifically on facilitating the alumni community for their recruitment.

ACADEMIC HIGHLIGHTS

LUMS has been ranked as the top business education university in Pakistan according to the Higher Education Commission 'Quality & Research-based' ranking 2013.

- Certificate programmes have been launched in the area of Agribusiness and for Packages Limited.
- The council of the Institute of Chartered Accountants of Pakistan (ICAP) has declared LUMS as a Specified Degree Awarding Institute (SDAI).
- SDSB hosted the *Asian Journal* of *Management Cases* (AJMC) 2013 2nd International Case Conference in January, alongside the research conference IRCMP 2013, to celebrate a week of scholarship in contemporary management at LUMS. Over the two-day conference, 30 cases were presented by delegates from India, United Arab Emirates and the United Kingdom.
- Besides the corporate sector, executive development spread to non-profit and government sector through the USAID ASP project.





 DuPont Pioneer Senior Leadership visit to LUMS: Session by President, DuPont Pioneer on 'Challenges and Opportunities in Food and Agriculture in Pakistan' and 'Global Aspect of Food Security'

- Visit and Session by CEO, GE Pakistan on GE's global presence, their businesses and their regional and local growth plans
- Information Session by HR Director, Unilever on the company, opportunities this year and the process
- Session on career counselling and soft skills by Senior Manager, GE Middle East, including updates on Middle East market and careers
- Session by Product Director, MENA, Bayt.com introducing the company Bayt.com, its own hiring and how it can be effectively exploited for other pertinent local and overseas opportunities
- 'Explore You' counselling session by Standard Chartered Bank targeting all university students
- Intellectual Property Rights Seminar was organised by Overseas Investors Chamber of Commerce & Industry (OICCI)



 A career counselling session by CEO, Gillette Pakistan on 'Marketing the Brand called YOU' was held Alumni panel discussion on telecommunication industry; trends, opportunities and expectations



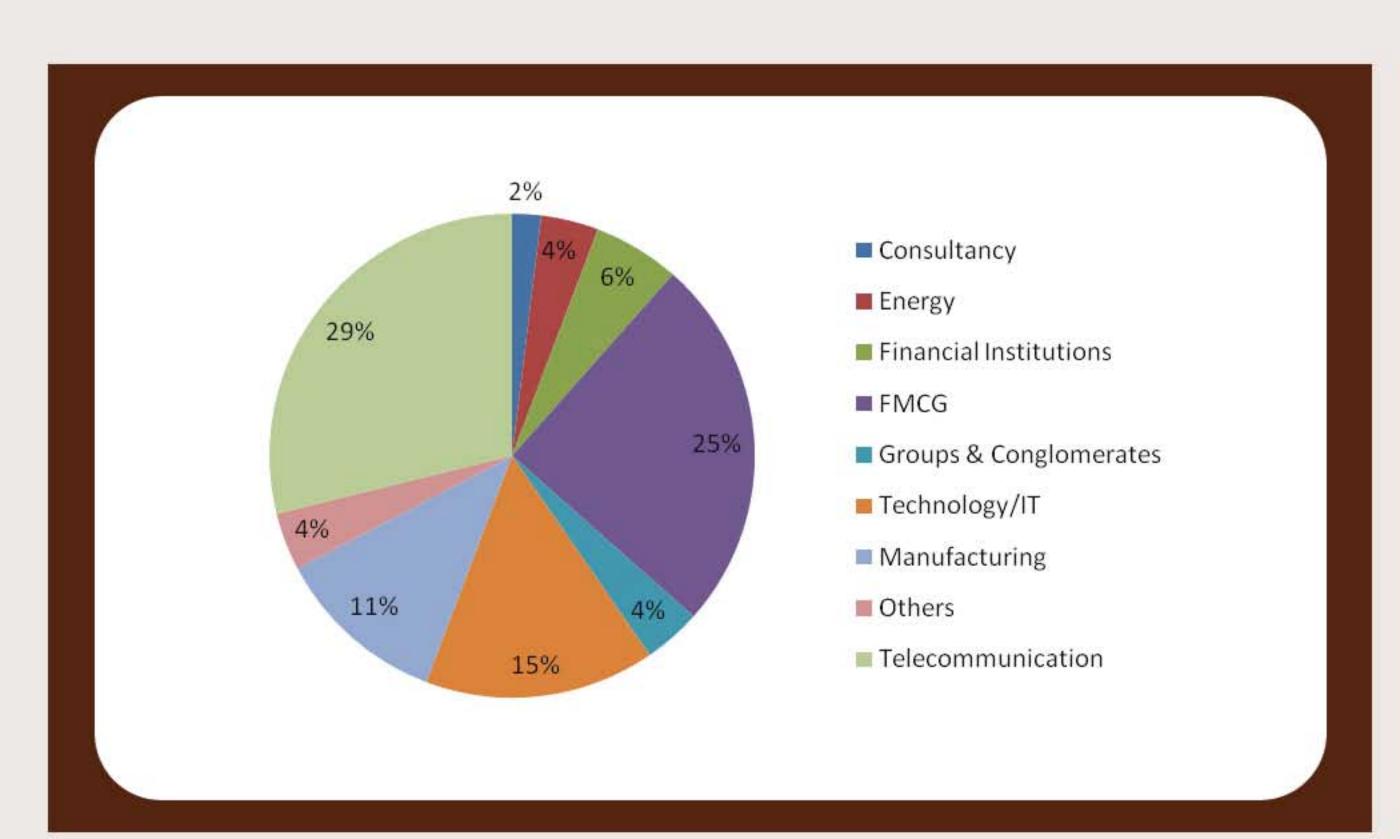


 Alumni panel discussion on Marketing and Sales Functions.
 Concept, types, trends and opportunities were discussed

NEW INITIATIVES

- Profile Interviews whereby MBA students are 'profiled' into their strengths and weaknesses and then trained and counselled accordingly to improve their weak areas.
- Career Development Workshops: A series of MPO workshops were organised to coach students on key soft skills, including resume writing, interview skills, networking and negotiation skills. These workshops were conducted separately for first and final year students. All students within a class were invited but those with corresponding weak areas were particularly encouraged to attend.
- MBA 2013 Networking Nights were held between February and March 2013, and included participants from 37 organisations across 3 sectors.
- Several recruiters were on-campus this year (2013) targeting MBAs. These included Unilever Pakistan, Procter & Gamble, Reckitt Benckiser, Engro Foods, Philip Morris, Pepsi Cola, Fatima Group, General Electric, PTC etc.
- A more robust and streamlined feedback mechanism (comprehensive quantitative and qualitative data) to capture and work on industry feedback concerning the MBA programme and its graduates was launched.
- The local average salary for MBA 2012 is PKR 85,000.
- 100% internship placement for MBA 2014,10 days before the 6 weeks deadline.
- Complete successful placement of 110 MBA students by December 2012; total number of students

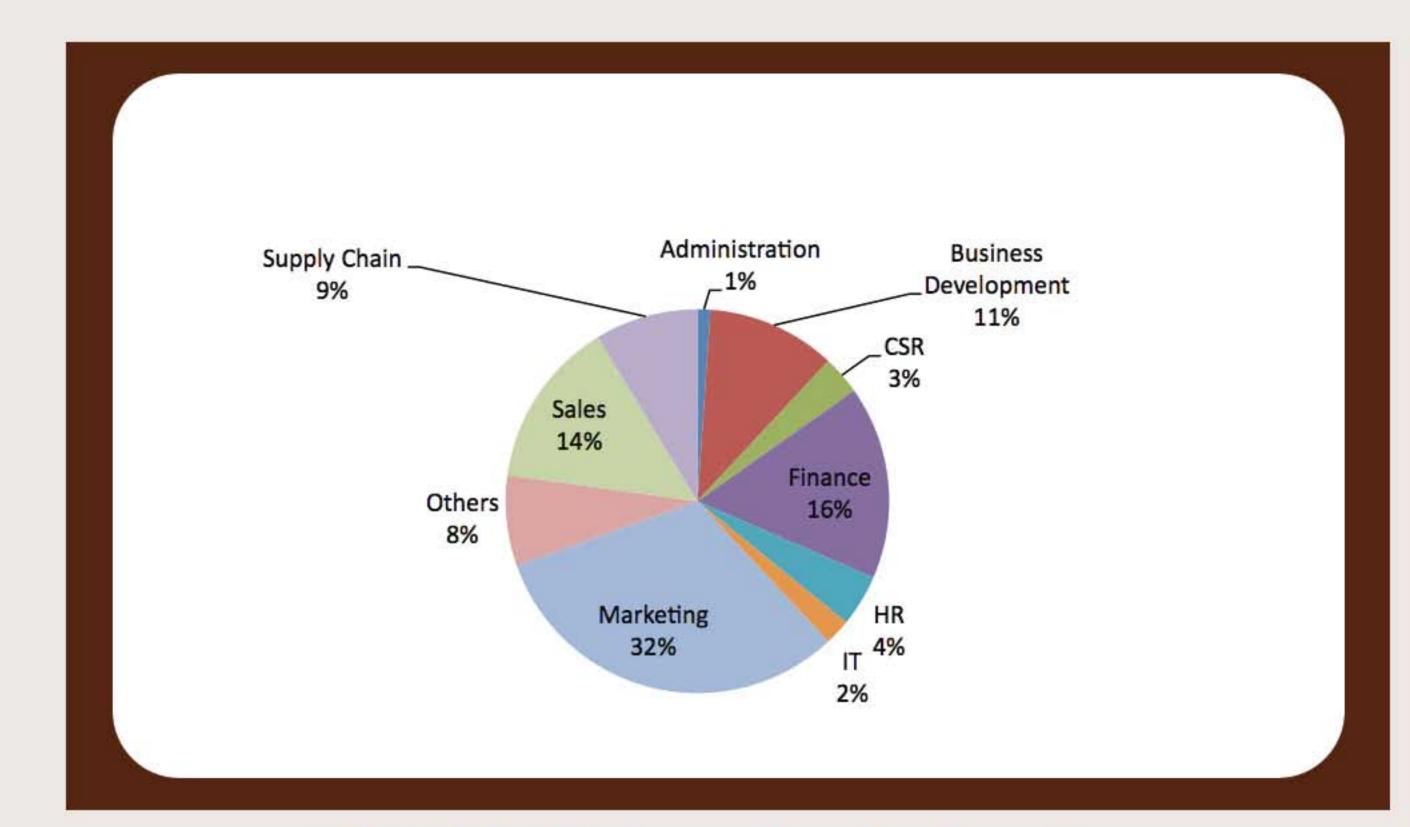




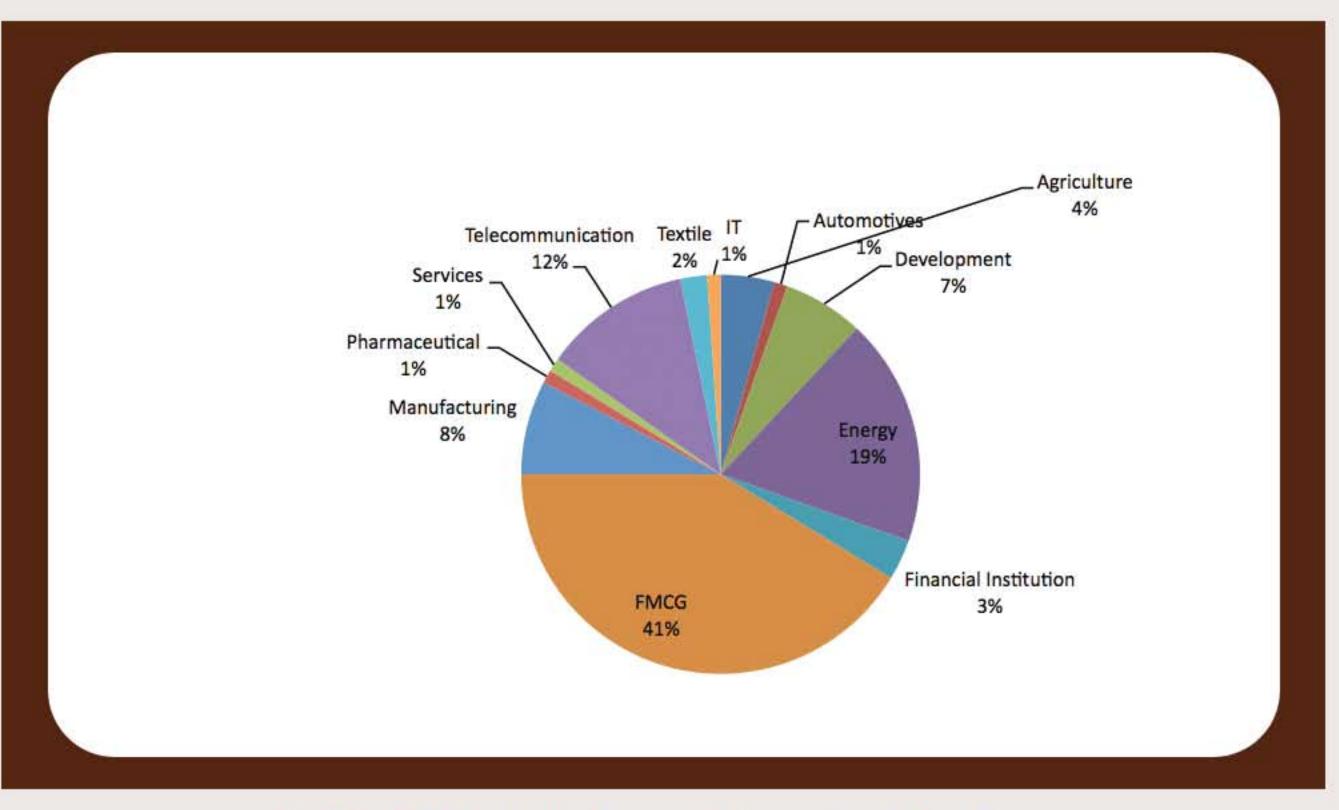
Business Development
Finance
Human Resource
Management Trainee
Marketing
Operations
Project Management
Sales
Product Management
Others

MBA 2012 Sector Wise Placement









MBA 2014 Internships by Sector

RESEARCH HIGHLIGHTS

The SDSB faculty published the following in 2012-2013:

36 Conference Papers
3 Book Chapters
26 Journal Papers
11 Journal Cases

36 LUMS Cases

MUSHTAQ AHMAD GURMANI SCHOOL OF HUMANITIES & SOCIAL SCIENCES (MGSHSS)

DEGREES OFFERED

- BA History
- BA English
- BSc (Honours) Anthropology/ Sociology
- BSc (Honours) Economics
 BSc (Honours) Economics and Politics
- BSc (Honours) Political Science
- MSc Economics







Dr. Anjum Altaf

Pakistan is beset by 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 will they need to meet the challenge? Would it be possible to solve these problems 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.

Dr. Anjum Altaf Dean and Professor MGSHSS



ACADEMIC





- The Department of Economics launched a working paper series, showcasing and disseminating the research of the Economics Faculty.
- This year the Department had a number of brown bag seminars which had both internal and external speakers presenting on a diverse range of topics.

- The Department of Economics and the Mahab-ul-Haq Human Development Centre have agreed upon a joint annual Mahab-ul-Haq lecture series. The lecture series will host an eminent development thinker or practitioner every year beginning from 2013-14. The invited speaker will give a series of 3-4 lectures to the students and faculty.
- The Department of Economics has restructured undergraduate principles courses for the year 2013-14. Instead of a course being solely taught by Teaching Fellows (TFs) it will be taught jointly by senior faculty. Senior faculty will be responsible for lectures and TFs will take the tutorials.
- A new major in English was launched and well received. Twenty two history courses were taught during the year with almost 500 enrolled students.
- The School of Humanities and Social Sciences and Law (SHSSL) was renamed Mushtaq Ahmad Gurmani School of Humanities & Social Sciences (MGSHSS) to honour Mushtag Ahmad Gurmani's contributions to LUMS.
- Department of Humanities and Social Sciences (HSS) taught over 170 courses in the areas of Anthropology, Sociology, History, Literature, Philosophy, Political Science, Urdu, Persian and Arabic.

- HSS held an Open Day with 16 public lectures open to all, which was attended by over 150 people.
- An online lecture series with world renowned philosophers, including Marianne Talbot (Oxford), Peter Singer (Princeton), Martha Nussbaum (Chicago), John Broome (Oxford), was held by HSS. This is the first time the works of these academics were presented to a Pakistani audience.
- HSS held a 3-day training workshop for Foreign Service Academy probationers
- Nine writers participated in a week-long young writers workshop event by HSS.





SYED BABAR ALI SCHOOL OF SCIENCE & ENGINEERING (SBASSE)

DEGREES OFFERED

PhD, MS & BS:

Biology
Chemistry
Computer Science
Electrical Engineering
Mathematics
Physics





Dr. Sohail Qureshi

SBASSE serves as 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.

Currently, SBASSE offers undergraduate degrees in six majors: Biology, Chemistry, Computer Sciences, Electrical Engineering, Mathematics and Physics. The freshman curriculum is common for all students and comprises 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 SBASSE from other competing schools. Our multifaceted 21st century curriculum provides SBASSE 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 also boasts a rich palette of graduate programme offerings. New programmes being launched in Fall 2013 are MS in Biology, Chemistry, Physics and Mathematics. These programs have expanded upon SBASSE's existing graduate programme offerings in MS in Electrical Engineering and Computer Science and PhD in Biology, Chemistry, Computer Science, Electrical Engineering, Physics and Mathematics.

Our faculty members are engaged in rigorous multifaceted interdisciplinary research that is focused on resolving issues pertaining to the environment, governance and healthcare as well as 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.

Dr. Sohail Qureshi Dean and Professor SBASSE

ACADEMIC HIGHLIGHTS

- The Department of Electrical Engineering received accreditation by the Pakistan Engineering Council (PEC) for its undergraduate programme. The decision to grant accreditation was made at the 63rd PEC EA & QEC meeting held on June 23, 2012.
- Dr. Mujahid Abbas, from the Department of Mathematics, presented his research paper at the 2012 International Conference of Applied and Engineering Mathematics held on July 4 to 6, 2012 at the Imperial College, London. The conference was organised by the International Association of Engineers. The title of his paper was 'Common Fixed Point Theorems for OWC Maps in Cone Symmetric Spaces'. It revolved around different commutative conditions leading to the existence of solution of simultaneous equations.
- Dr. Faqir Bhatti, faculty at the Department of Mathematics and Scientific Director of the Centre for Advanced Studies in Mathematics (CASM), presented a paper on 'Some Degree Sequences of the Inner Dual Graphs of Plane Rigid Hexagonal Systems', at the International Workshop on Optimal Network Topologies (IWONT 2012), in Bandung, Indonesia. The workshop was organised by the INSTITUT TEKNOLOGI BANDUNG (ITB), in collaboration with ICTP, Italy International Mathematics Union and was held from July 26 - July 30, 2012.
- Dr. Mujahid Abbas delivered a talk on August 29, 2102 at the Department of Mathematics & Applied Mathematics, University of Pretoria, South Africa. He was invited by Professor MS Lubuma, Head of the Department, who also arranged a meeting between Dr. Abbas and

- some members of the Department to find some common avenues of research and future collaboration. The title of the talk by Dr. Abbas was 'Solvability of Nonlinear Complementarity Problem on 'Isotone Projection Cones'.
- Dr. Faqir M Bhatti participated in the ICTP-IPM Workshop and Conference in Combinatorics and Graph Theory from September 3 -14, 2012, organised by the Abdus Salam International Centre for Theoretical Physics and Institute for Research in Fundamental Sciences (Iran) in Trieste, Italy.
- The Advanced Communications Research Lab (AdCom) visited the Khewra Salt Mines on September 22, 2012. This visit was arranged in collaboration with Pakistan Mineral Development Corporation (PMDC), for the ICT R&D funded project Safety Assurance In High Stress Environments (SAHSE). The AdCom Lab, under the supervision of Dr. Ijaz Haider Naqvi from the Department of Electrical Engineering is working on this project along with CoNNekT lab at NUST School of Engineering & Computer Science. The project intends to provide a complete state-of-the-art safety assurance system for the personnel working in underground mines in Pakistan.
- The Centre for Advanced Studies in Mathematics (CASM) held a workshop on 'Algebraic and Topological Aspects of Arrangements and Applications' on November 9 - 10, 2012. The workshop covered basic tools of algebraic topology and geometry, an introduction to hyper-plane arrangements and knot invariants.
- Dr. Basit Yameen from the Department of Chemistry was awarded the Dr. Atta-ur-Rehman Gold Medal in Chemistry 2012 by the Pakistan Academy of Sciences on December 5, 2012.

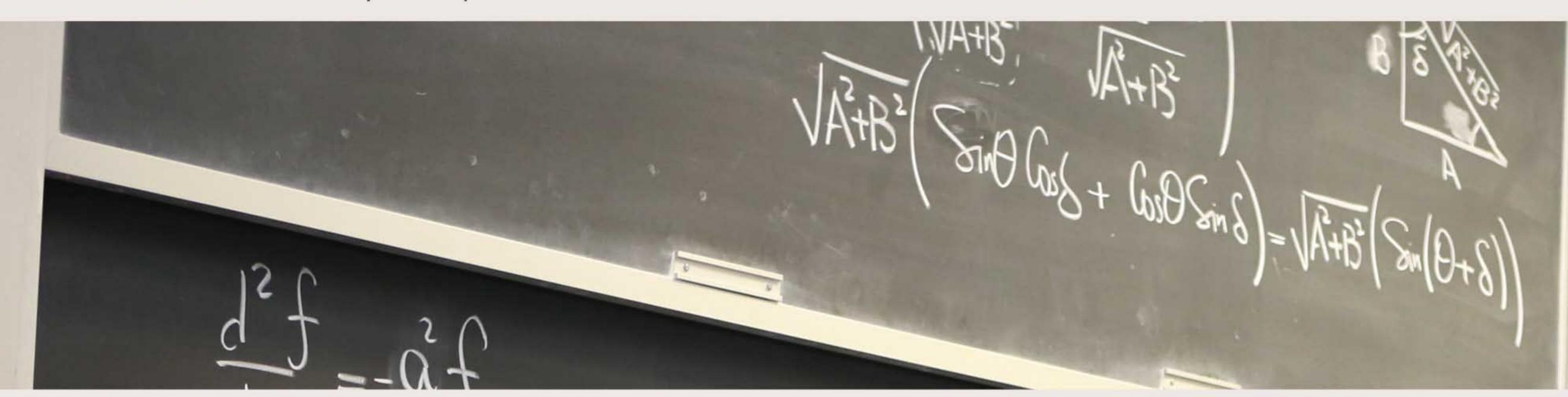
- The LUMS team secured the institution trophy as well as top positions at the science competition and project exhibition at the 14th All Pakistan GIKI Science Fair, held from February 14 to 17, 2013. Other notable institutions participating in the event included NUST, University of the Punjab, NED, UET, HITEC and PIEAS. Approximately 500 students from all over the country took part in the science fair.
- Dr. Faqir Bhatti, Department of Mathematics has been elected as the Vice President of the Punjab Mathematical Society for the term 2013-2015.
- The Department of Electrical Engineering held its first successful PhD Defense on April 29, 2013 when Muhammad Bilal defended his PhD thesis titled 'Statistics-Inspired Hardware Architectures for Image and Video Processing' which was advised by Dr. Shahid Masud. The research results have been published in internationally recognised publication venues in Electrical Engineering including IEEE Transactions and IET Proceedings.

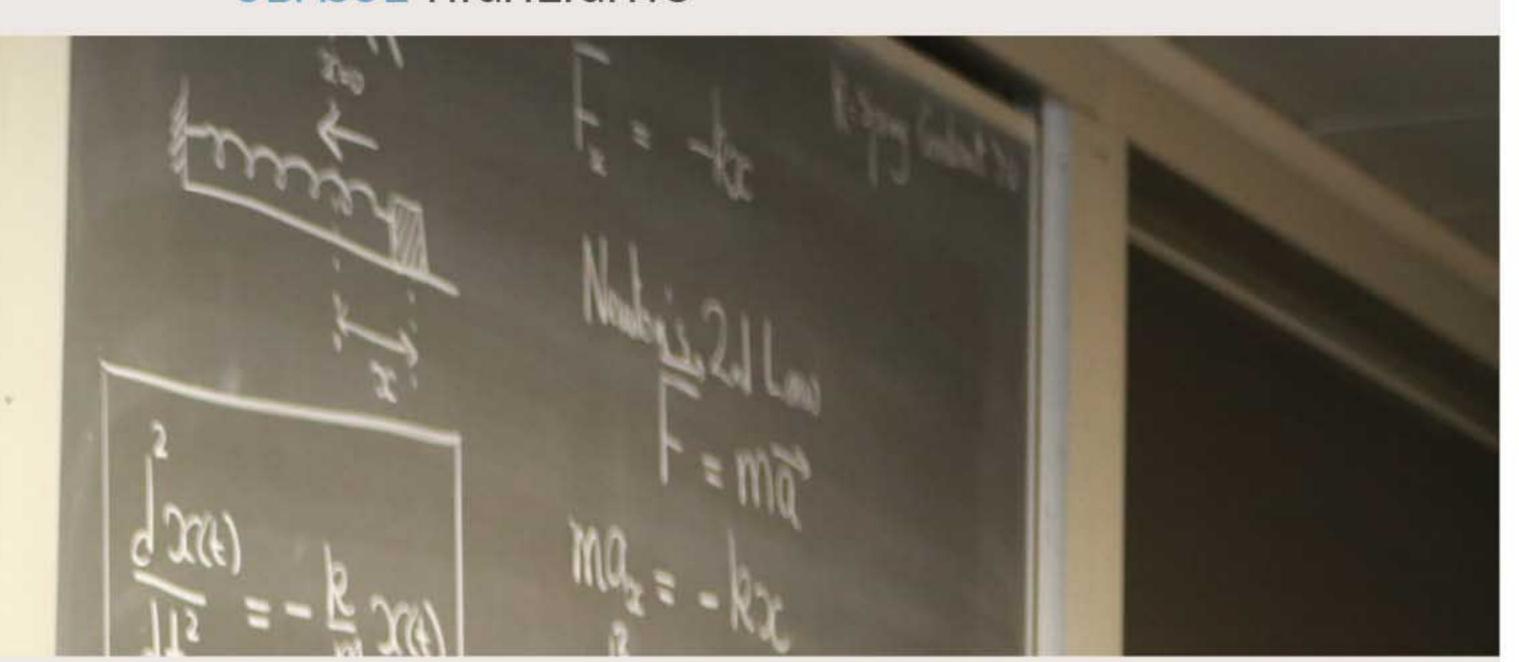
GRE Subject Test Successes

- Two senior year Chemistry majors, Waqas Rasheed and Sikandar Abbas have appeared in GRE subject test in Chemistry. Their scores are 90 percentile and 87 percentile respectively.
- Physics majors from the 2012 and 2013
 batches have performed remarkably well in the
 international GRE subject test in Physics this
 year. Out of these, three students Muddassir
 Moosa, Usman Naseer and Muhammad Usama
 have scored the maximum 990 out of 990 putting
 them in the top 5% of the students worldwide
 who took this exam.



SBASSE HIGHLIGHTS





 Saad Qadeer, a Mathematics major from the class of 2013, received a GRE Math score of 94 percentile.

BS 2012 Placements

2012-13

 Out of a total graduating class of 138, 54 students were admitted to a graduate programme at universities abroad (including Harvard, Dartmouth, CMU, UMass, University of Chicago and Max-Planck Institute) and 38 have received offers of employment from companies including Microsoft, Pepsi, TRG, Packages and Telenor.

Notable BS 2013 Placements

- Usman Naseer and Mudassir Moosa have secured places at the PhD Physics programmes at MIT and UC Berkeley respectively.
- Five BS Biology seniors Anum Ejaz, Annum Munir, Nimra Asi, Zainab Rahil and Hina Iftikhar received fully funded PhD Offers from top notch institutions like Cornell, UCIUC, Dartmouth, Duke and Texas A&M.
- Senior year Chemistry students, Waqas Rasheed, Sikandar Abbas and Assad Ullah Khan received fully funded PhD admission offers from

- world-class institutions like Michigan State University, CMU, University of Minnesota and Technical University of Munich.
- Romana Sohail, BS Mathematics major from the class of 2013, has been offered a position in the Cigna Actuarial Executive Development Programme at the Philadelphia office, United States. This programme is highly competitive and her colleagues will include graduates from Wharton, Drake and Princeton
- Saad Qadeer from the class of 2013 received PhD offers from top universities — the University of California, Berkeley, and the University of California, Los Angeles
- The fourth workshop on Field and Assistive Robotics (WFAR4) was held on June 13-14, 2013 at Schloss Dastuhl, Germany where researchers from Pakistan, Turkish and German academia and industry came together to discuss their research findings on self-driving off-road and agricultural vehicles. The workshop was the fourth in the series, alternatively hosted by CYPHYNETS Lab, LUMS in Pakistan and Robotics Research Lab, TU Kaiserslautern in Germany since 2011. This year eight students and one faculty member from LUMS attended the workshop

SBASSE HIGHLIGHTS

RESEARCH HIGHLIGHTS

- Dr. Ihsan Ayyub Qazi, Muhammad Kumail Haider and Asad Khalid Ismail from the Department of Computer Science have published 'Markovian Models for Electrical Load Prediction in Smart Buildings' in Proceedings of the 19th International Conference on Neural Information Processing (ICONIP2012) Doha, Qatar, November 12-15 2012. This is an A ranked conference according to ERA/CORE rankings. Kumail and Asad are junior students.
- Dr. Zartash Uzmi, Department of Electrical Engineering and Dr. Ihsan Ayyub Qazi's research (data centre paper) has been accepted in Infocom 2013. This is the first ever paper in the INFOCOM main conference from LUMS and second ever from Pakistan. One interesting aspect of this work is that three undergraduate students are also authors of this work. Publishing in INFOCOM is a great achievement for the department, as it is the most prestigious venue in networks and systems research.

Dr. Basit Shafiq from the Department of Computer Science produced four high quality research publications:

Secure Composition of Cascaded Web Services

Basit Shafiq, Jaideep Vaidya, Soon Chun, Nazia Badar, and Nabil Adam. 8th IEEE International Conference on Collaborative Computing: Networking, Applications and Worksharing (CollaborateCom 2012). Pittsburgh, Pennsylvania, USA. October 14–17, 2012.

 Privacy Preserving Maximum-Flow Computation in Distributed Graphs.

Xiaoyun He, Jaideep Vaidya, Basit Shafiq, and Nabil Adam. IEEE International Conference on Information Privacy, Security, Risk and Trust (PASSAT 2012). Amsterdam, Netherlands. September 2012.

Risk Based Access Control Using Classification

Nazia Badar, Jaideep Vaidya, Vijay Atluri, and Basit Shafiq. 5th Symposium on Configuration Analytics and Automation (SafeConfig 2012). Baltimore, MD, USA. October 3 - 4, 2012.

 Spatial Computing and Social Media in the Context of Disaster Management.

Nabil Adam, Basit Shafiq, and Robin Staffin. IEEE Intelligent Systems, Nov/Dec 2012.

- Research articles of Dr. Irshad Hussain from the Department of Chemistry were published in prestigious international journals i.e. International Journal of Hydrogen Energy, and Materials Letters. In these articles Dr. Hussain and the co-authors have demonstrated the applications of nanomaterials in hydrogen storage and drug delivery, respectively.
- PHENIX Collaboration at Relativistic Heavy Ion Collider (RHIC) has voted to admit the LUMS Department of Physics to the collaboration. PHENIX is a collaboration of more than 500 scientists from 71 institutes in 13 countries. Dr. Imran Younus, Assistant Professor at the Department of Physics, has been working on the PHENIX experiment since 2004. The admission of the university to PHENIX will allow faculty and students from LUMS to get involved in the exciting research opportunities at the RHIC.
- Dr. Kamran Haider, faculty at the Department of Biology, joined the University of Cambridge from December 10, 2012 for two months as Associate Scholar at Cambridge's Pembroke College. His term at the University of Cambridge was part of an ongoing collaboration with Dr. David Huggins, Cambridge Molecular Therapeutics Programme, Hutchison/MRC Research Centre. The research project involves development of computational techniques for predicting displacement of water molecules from protein binding sites as a tool in drug discovery.

- Dr. Zakir Ullah from the Department of Biology visited Malaysia from December 8 - 13, 2012, to give a talk at the University of Malaya and to explore potential opportunities for collaboration. He was invited by the VC of the University of Malaya.
- Dr. F M Bhatti's paper was included in the Proceeding of the 12th International Congress of Mathematical Education (ICME2012), Seoul, Republic of Korea.
- Dr. Kamran Haider and Hajira Ahmed Hotiana (Biology major from BS 2012) published a paper on the molecular mechanism of drug resistance in the ACS Journal of Chemical Information and Modeling (JCIM) with an Impact Factor of 4.7. Dr. Haider's group at Biology is interested in developing novel computational approaches to assist early stages of drug development.
- Dr. Ata-Ul-Haq, faculty at the Department of Physics, carried out work on a novel mechanism observed in 'artificial' atoms, which was published in Physical Review B (Phys. Rev. B 86, 241304 R (2013) and performed in collaboration with University of Stuttgart, Germany and Queen's University, Ontario Canada. These studies provide invaluable information about the sources of light which can be used in experimental realisation of quantum information processing.
- Dr. Ata-Ul-Haq published a research paper in the journal, Optics Express. The work is a result of collaboration between researchers from LUMS, University of Stuttgart, Germany and Queen's University, Ontario, Canada.

- Dr. Mumtaz Sheikh from the Department of Physics published a research paper in IEEE Photonics Technology Letters, December 2012. The paper was co-authored with Muhammad Junaid Amin, a BS 2012 Electrical Engineering graduate, who is now pursuing his PhD at University College Cork (UCC), Ireland.
- Dr. Kamran Haider and Dr. Sohail Qureshi from the Department of Biology have been awarded a research grant of PKR 4.1 million by the Higher Education Commission (HEC).
- Dr. Mujahid Abbas, Assistant Professor at the Department of Mathematics, received the Award of Research Productivity Allowance (2011-2012) by the Pakistan Council for Science & Technology (PCST), for the third consecutive year.
- Dr. Hassan Abbas Khan and Saad Pervaiz, faculty and Research Assistant at the Department of Electrical Engineering respectively, have published a paper titled 'Technological Review on Solar PV in Pakistan: Scope, Practices and Recommendations for Optimized System Design' in Renewable and Sustainable Energy Reviews (ELSEVIER) vol. 23, pp. 147-154, 2013. This is a top journal in renewable energy focusing on energy resources, applications, environmental aspects and sustainability with an Impact Factor of 6.02.
- Dr. Falak Sher, from the Department of Chemistry, published an article in Chemistry of Materials which is a top quality journal, published by the American Chemical Society.
- Dr. Faqir M Bhatti presented a research paper at the 6th World Conference on 21st Century Mathematics, held in Lahore from March 6 to 9, 2013. The conference was organised by the

- Abdus Salam School of Mathematical Sciences in collaboration with the International Centre for Theoretical Physics (ICTP), European Mathematical Society and Pakistan's Higher Education Commission.
- SBASSE received an HEC-USAID grant to develop magnetic nanoparticles based economical test strips for bacterial detection in water samples. The project will cost over 600,000 USD which will be shared almost equally by Professor Vincent Rotello at UMass, Amherst, and LUMS, for a period of 3 years. Irshad Hussain (Principal Investigator), Chair, Department of Chemistry, and Sohail A. Qureshi (co-principal Investigator), Professor of Biology and Dean SBASSE worked on getting this grant.
- Chemistry major Sikandar Abbas Wattoo's work was published in a highly prestigious journal 'Journal of Materials Chemistry A' of Royal Chemical Society. The work is a part of an ongoing research collaboration of Dr. Irshad Hussain, Chair of Department of Chemistry, with Prof. Osman Bakr at King Abdullah University of Science & Technology (KAUST), Saudi Arabia, and Professor Francesco Stellacci at EPFL, Lausanne, Switzerland.
- The Epigenetics Research Lab at the Department of Biology published their research on the existence of prion-like domains in Drosophila GAGA factor in the BMC Genomics Journal on June 3, 2013. Using an established assay from yeast, Dr. Muhammad Tariq and colleagues have demonstrated that the C-terminal poly Q domains of GAF have prion-like properties. The discovery of a prion-like function in a domain of GAF opens new routes to assess the basic mechanism of epigenetic gene control and evaluate if GAF proteins actually behave as prions in Drosophila.

SHAIKH AHMAD HASSAN SCHOOL OF LAW (SAHSL)

DEGREE OFFERED

BA-LL.B (5-year Programme)





The University has announced plans to launch an independent School of Law, the Shaikh Ahmad Hassan School of Law (SAHSL), as its fourth School, and a stand-alone building for the School is currently being designed. The Shaikh Ahmad Hassan School of Law will grow out of the existing Department of Law & Policy, which has been functioning since 2004, and offers a 5-year joint BA-LL.B undergraduate programme, which is accredited by the Pakistan Bar Council.

This unique five-year programme provides rigorous interdisciplinary exposure to Law and its related disciplines. The first two pre-LL.B years lay down foundation principles in social sciences. Students undergo extensive academic training in core and specialised subjects in Law over the next three years. Other advanced degrees will be offered as the Shaikh Ahmad Hassan School of Law evolves further.

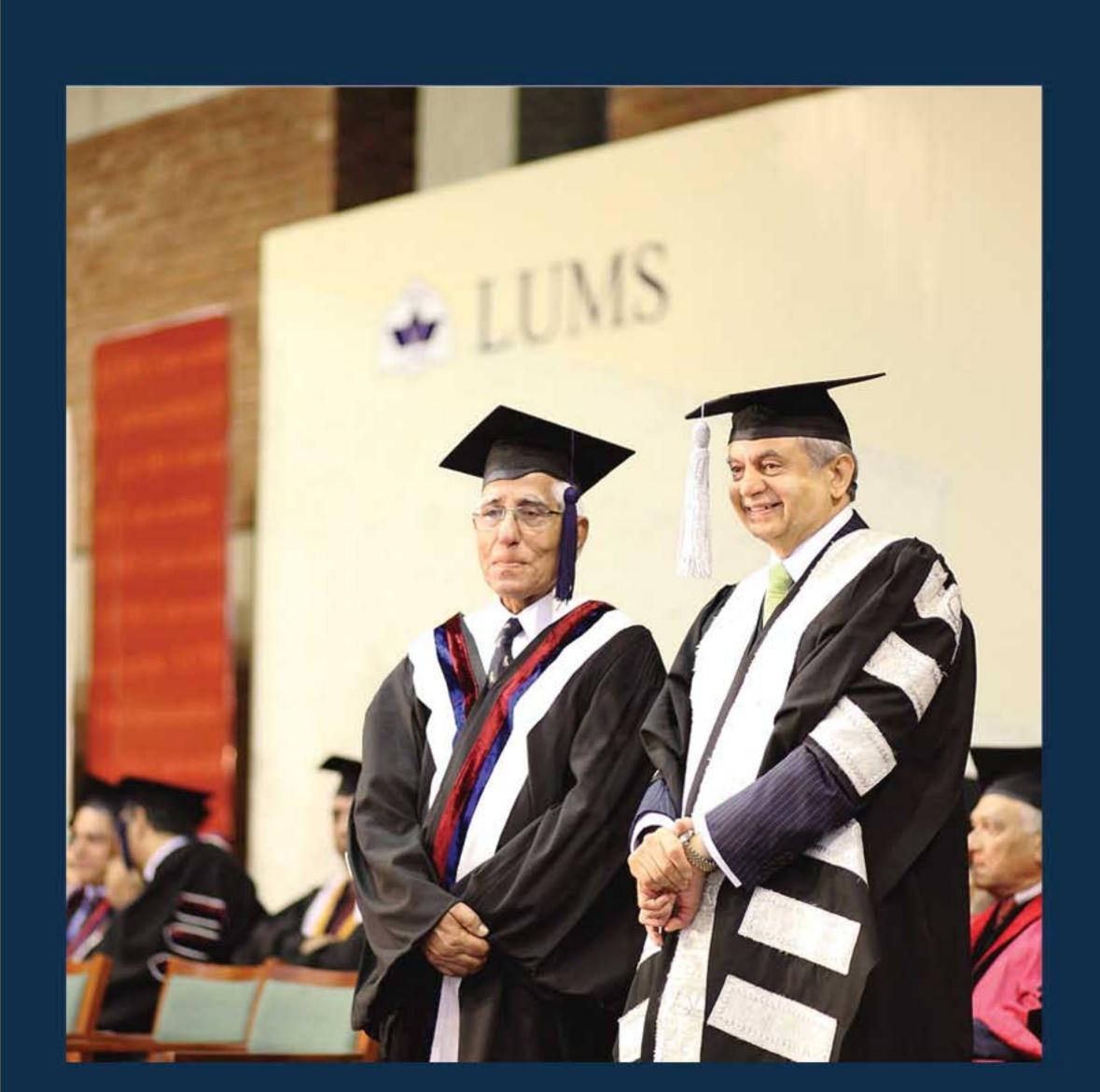
SAHSL will play a productive and significant role in catalysing reform in the legal system, in promoting both corporate and social responsibility, strengthening the legal profession and judicial institutions for the promotion of justice and the rule of law.





STUDENT MEDALS





SULEMAN DAWOOD SCHOOL OF BUSINESS (SDSB)

Master of Business Administration (Executive) EMBA 2013

Syed Aamir Abbas Overall first position (tied), Executive MBA Programme

Chafak Aftakhar Overall first position (tied), Executive MBA Programme

MBA 2013

Saad Masood Khan Overall first position, MBA Programme

National Management Foundation (NMF) Gold Medals Graduate Programmes

SYED BABAR ALI SCHOOL OF SCIENCE & ENGINEERING (SBASSE)

MS Computer Science (CS) **Graduating Class of 2013**

Umar Muneer Overall first position, MS Computer Science Programme

MUSHTAQ AHMAD GURMANI SCHOOL OF HUMANITIES & SOCIAL SCIENCES (MGSHSS)

MSc Economics Graduating Class of 2013

Rabiya Rashid Overall first position, MSc Economics Programme



Naima Hafeez

Gold Medal - Overall first position

Saad Qadeer

Silver Medal - Overall second position

Rameesha Nayab

First position in Accounting & Finance

Momina Sohail

First position in Anthropology/Sociology

Muhammad Hasnain Lakhani

First position in Computer Science

Naima Hafeez

First position in Economics - Mathematics (joint major)

Amjad Hussain

First position in Economics (tied)

Zara Durrani

First position in Economics (tied)

Asad Khalid Ismail

First position in Electrical Engineering (tied)

Isfar Tariq

First position in Electrical Engineering (tied)

Alieha Shahid

First position in Humanities

Nationtal Management Foundation (NMF) Medals Undergraduate Programmes

Sara Jamil

First position in Law

Saad Qadeer

First position in Mathematics

Usman Naseer

First position in Physics

Raahema Arif Siddiqui

First position in Politics and Economics (joint major)

Rida Qadri

First position in Political Science

Romana Sohail

Best NOP Graduate 2013

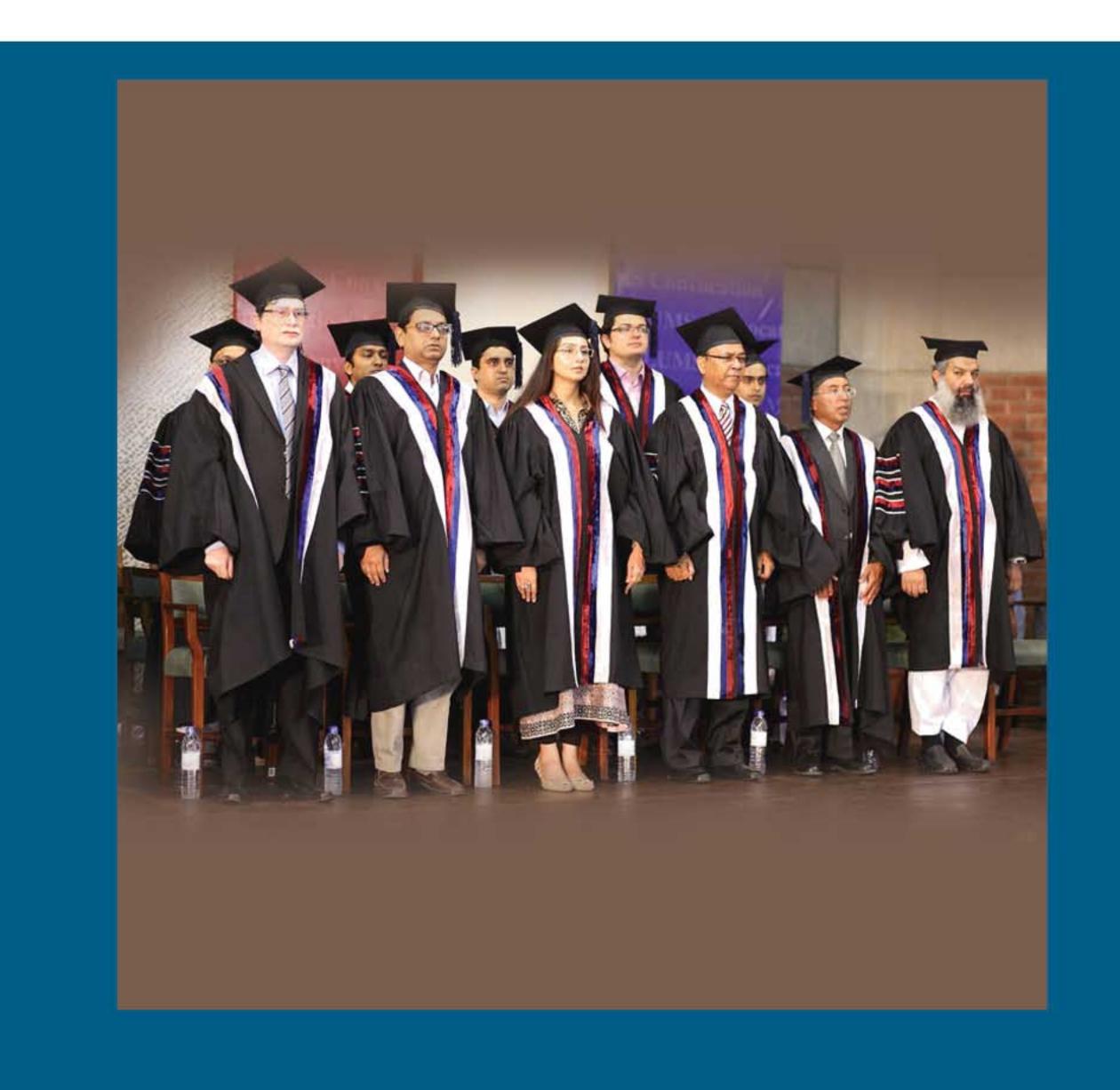
Amjad Hussain

First position in Economics (tied)

Zara Durrani

First position in Economics (tied)







Suleman Dawood School of Business

UNDERGRADUATE

Programme: Accounting & Finance

Rawaid Asif Rameesha Nayab Hamda Shahid Maliha Khan Muhammad Wajih Haider Salman Farooq Muhammad Junaid Khan Ussama Ahmad Khan Mahah Mujeeb Khan Omair Sarwar Saim Rashid Muhammad Arslan Yousaf Mohammad Saad Alamgir Bazil Ahmad Chaudhry Ali Masood Muhammad Rehan Usmani Minahil Iftikhar Baloch Nida Naseem Azka Javeria Khalid

GRADUATE

Programme: MBA

Anoop Khalid
Muhammad Farooq Shaikh
Ayesha Naveed
Zonaib Muzaffar
Uzba Anwer
Waqas Ahmed Rao
Khadija Qayyum
Muhammad Saad Khan
Rabia Maqbool
Rimsha Farouk
Muhammad Omar Rafiq

Programme: Executive MBA

Chafak Aftakhar Asim Ali Khan





Mushtaq Ahmad Gurmani School of Humanities & Social Sciences



UNDERGRADUATE

Programme: Economics/Mathematics (joint major)

Naima Hafeez Rai Ghulam Mustafa Abdus Samad Khan Qadeeruddin Ahmed Maryam Memon

Programme: Politics & Economics (joint major)

Raahema Arif Siddiqui Zahra Zaheer Mirza Sarah Hussain Ayesha Ijaz Durrani Muhammad Mubashir Bin Latif

Programme: Political Science

Rida Qadri Zaib-un-Nisa Aziz Nadir Ali Khan

Programme: Economics

Zara Durrani Zara Majeed Amjad Hussain Narmeen Adeel Syed Shahrukh Tauqir Asad Ghafoor Malik Mubeen Farrukh Zahra Rashid Tayyaba Mohsin Shamsuddin Lalani Ayesha Wadood Hira Bilal Malik Kanza Azeemi Bilal Raza Jaffery Taimur Niaz Arooj Waheed Dar Sakina Raza Zarak Pasha Haider Shah Hassan Jamil Osama Safeer Muhammad Bilal Ayub Anum Kamran Jaweria Sethi Abdul Ghani Syed Aamir Ali Shah Zahra Khan

Tauseen Hasan Syed Anum Malik Awais Javed Usama Arshad Anum Badruddin Dhalwani

Programme: BA-LL.B

Sara Jamil Shmyla Khan

GRADUATE

Programme: MSc Economics

Rabiya Rashid Usman Ghaus Maira Akmal Bhatty Sadaf Ahmad Maryam Amjad

Programme: Humanities

Alieha Shahid Tania Rashid Mahnoor Farooqi Nadia Rehman

Programme: Anthropology/Sociology

Momina Sohail Fatima Waheed Sidrat Binte Arif Durriya Nadeem



Syed Babar Ali School of Science & Engineering

UNDERGRADUATE

Programme: Mathematics

Saad Qadeer Romana Sohail

Programme: Physics

Usman Naseer
Unab Javed
Azeem Ul Hasan
Mudassir Moosa

Programme: Computer Science

Muhammad Hasnain Lakhani Mohammad Ahmad Saman Zia Hassan Bin Haseeb

Programme: Biology

Maryam Asghar

Programme: Electrical Engineering

Saad Abdul Aleem Asad Khalid Ismail Isfar Tariq Muhammad Kumail Haider Atif Magsood Shayan Saeed Ghufran Baig Mubashir Adnan Qureshi Uzair Mahmood Harres Bin Tariq Ovais Bin Usman Abdul Rafay Khalid Qurrat-Ul-Ain Nadeem Muhammad Fahad Farooq Ayiesha Murtaza Malik Ahmed Sanaullah Hanaya Tanzeel

Hafsah Shahzad Syed Ahmed Nadeem Mahd Tauseef Ehsan Mehmood

Muhammad Haris Usmani

Absar-Ul-Hassan Russell Sabir

Chaudhary Raza Hassan Muhammad Asad Lodhi

GRADUATE

Programme: MS Computer Science

Umar Muneer Samia Azhar Arfeen Khalid Shamsa Abid

Programme: MS Computer Engineering

Talha Manzoor



OFFICES AT LUMS

OFFICE OF MARKETING, FUNDRAISING AND ALUMNI

The Office of Marketing, Fundraising and Alumni performs various important functions for the University. It is the convergence point for both internal and external stakeholders, including students, alumni, faculty, staff, donors, prospective students, visitors and friends. The team is divided according to functions; there are teams handling marketing, communications, fundraising and alumni relations.

Communications

LUMS Communications team of editors, designers and web developers work towards highlighting the achievements of LUMS and its family – students, alumni, faculty, staff and its friends. Together they make the LUMS web and print experience better. The Communications team also handles the LUMS social media presence through Facebook, Twitter, YouTube and Vimeo. News and events are given coverage through all these mediums.

All internal and external communication flows through this unit of the office. Yearly publications such as Annual Reports, Research Reports, LUMS marketing material i.e. posters, brochures and advertisements for admissions, NOP, fundraising material, the Alumni Annual magazine – are produced by the office. On a weekly basis, a newsletter is also sent out to the entire community to keep everybody posted on the latest happenings at LUMS.



HIGHLIGHTS

- For the first time, the LUMS Research Report was published in print and digital format in February 2013 which highlighted the research at LUMS in the areas of energy, health and institutions.
- LUMS Editorial Style Guide was also published online.
- My LUMS 'Picture Contest' was run successfully during the Spring 2013 semester, where participants from the LUMS community took part in the contest by submitting their clicks directly through the LUMS website.
- LUMS web activity improved by many folds: 805 news and events announcements were made on the LUMS website, a new video gallery linked to Vimeo and YouTube was created and Facebook likes on the LUMS page increased to more than 106,000.
- Mega events such as the Convocation and Orientation Sessions were tweeted live.

Marketing and External Relations

The Marketing and External Relations unit looks after the marketing of all undergraduate and graduate offerings of all schools at LUMS -Suleman Dawood School of Business (SDSB), Mushtaq Ahmad Gurmani School of Humanities and Social Sciences (MGSHSS), Syed Babar Ali School of Science and Engineering (SBASSE), Shaikh Ahmad Hassan School of Law (SAHSL), and the LUMS National Outreach Programme (NOP). Various marketing activities are carried out that include information sessions and faculty talks at schools and colleges and open day at LUMS for potential students and their parents. The team also manages LUMS perception in electronic and print media and facilitates campus visits.





- Eighteen discount offers from various outlets were given to the LUMS community, including alumni.
- SDSB Alumni Association's election for the year 2013-14 was conducted successfully and elected 30 Board of Directors including 10 Executive Committee Members.

HIGHLIGHTS

- This year more than 1000 prospective students attended LUMS Information Sessions held in 7 cities across Pakistan, including Karachi, Hyderabad, Gujranwala, Sargodha, Rawalpindi, Peshawar and Abbotabad.
- More than 1500 prospective candidates attended LUMS Open Day.
- This year's marketing cycle of LUMS National Outreach Programme (NOP) was more aggressive where more than 3000 students in 63 schools/colleges were tapped in the cities of Karachi, Hyderabad, Bahawalpur, Chishtian, Multan, Rawalpindi, Islamabad, Jehlum, Wah Cantt, Chakwal, Abbotabad, Haripur, Mansehra, Murree, Ghotki, Mir Pur Mathelo, Pano Akil and Sadiqabad.
- 718 candidates from 2626 NOP applicants from 124 cities across Pakistan were shortlisted for the NOP orientation session in July 2013.

Alumni Relations

LUMS values its ever growing alumni body and is constantly working towards strengthening its relationship with them.

HIGHLIGHTS

- Alumni body has now increased by 808 more graduates to over 7000 alumni.
- Three new alumni International chapters of Australia, Singapore & EU Mainland were formed.
 The number of international chapters is nine: the US, Canada, the UK, UAE, Kuwait, KSA, Singapore, Australia and EU Mainland.
- Over 30% of the total alumni are living and working abroad.

- A mega event, Pride of LUMS Annual Dinner was hosted on January 26, 2013. The ceremony included the Alumni Homecoming, Donors' Acknowledgement Dinner and Fundraiser all in one grand event, providing excellent networking opportunity for all. It celebrated the 20 Years Reunion for the MBA Class of 1992, 15 Years Reunion for the BSc and MBA Class of 1997 and 10 Years Reunion for the BSc, MBA & MS Class of 2002.
- Over 500 new jobs from different national and multinational companies were advertised on the alumni job portal during the period July 2012 to June 2013.

Total amount raised for the National Outreach Programme (NOP) during the period July 1, 2012 to June 30, 2013 –

PKR 159,073,282

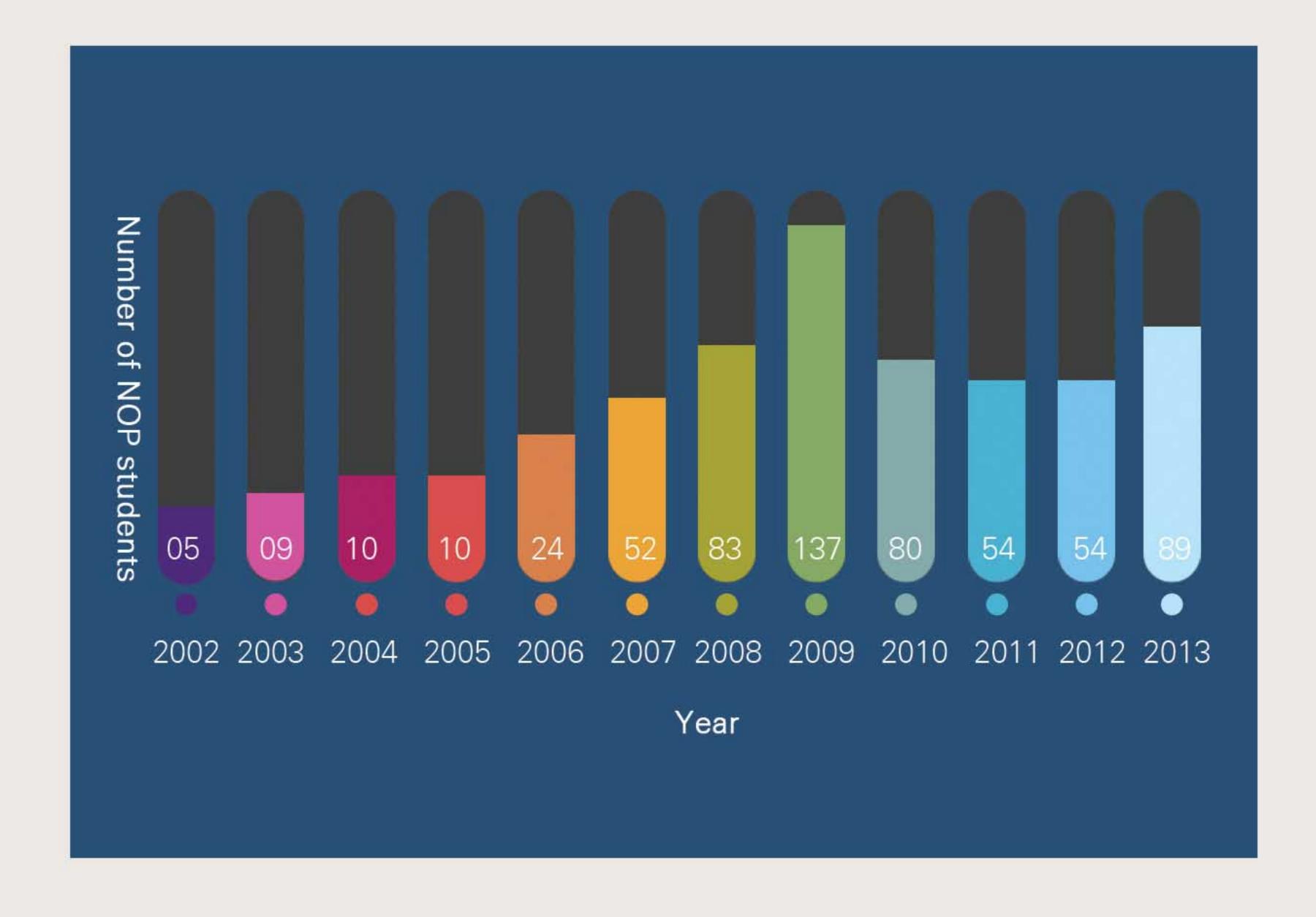
Total number of NOP graduates so far	234	
Number of Benefactors	42	
Number of Patrons	35	
Number of Guardians	6	
Number of Supporters	14	
Number of Friends	78	
Number of Alumni Class Gifts	12	

FUNDRAISING

The LUMS Fundraising unit manages linkages with donors and identifies new to donors for fullfilling future needs, including scholarships and National Outreach Programme (NOP). The team also looks after the branding and sponsorship policies for the events planned by the student societies.

HIGHLIGHTS

- Total number of donors (alumni, students, parents, corporations, foundations and friends) who have made gifts to LUMS is approximately one thousand
- Amount raised during the month of Ramazan alone in 2012 – PKR 6,614,225



YEAR	NOP STUDENTS
2002	05
2003	09
2004	10
2005	10
2006	24
2007	52
2008	83
2009	137
2010	80
2011	54
2012	54
2013	89

HUMAN RESOURCE (HR) DEPARTMENT

The Human Resource (HR) Department of LUMS strives to attract the best talent in the market for the University's diverse range of administrative and academic departments. The idea is to retain and develop these employees to become future leaders. The department endeavours to ensure that employee well-being is given due importance at every step of the career ladder.



HIGHLIGHTS

Trainings

- PULSS Sessions were arranged for 35 attendants and support staff on MS Office and Excel.
- Training was arranged through COTHM for PDC staff members on Technical Skills and Hygiene of 40 PDC staff members.
- Training on firefighting was arranged for 35 security guards through Rescue 1122.
- Thirteen in-house training sessions (around 80 hours) were held for LUMS staff and approximately 270 employees were trained in these sessions.
- Staff trainings were arranged at external venues, REDC and through USAID.
- A customised training session was held for the administrative HoDs of LUMS by Dr. Jamshed H. Khan, Dr. Anwar Khursheed and VC Dr. Adil Najam on March 6 and 7, 2013.

Through a survey conducted by Rozee.pk, LUMS was named as one of the best employers in the education sector of Pakistan. An award distribution ceremony was held on January 30, 2013.

Transition to SAP

Peoplesoft will be replaced by SAP in future and pre-implementation steps towards transition were carried out during last year.

Events

- An employee 'Nashta' was held for all LUMS staff members.
- Christmas was celebrated with all staff members.

Benefits and Facilities

 Eighteen loans were disbursed to employees through the Employee Benefit Fund Loan.

- The transport facility was managed and arranged smoothly for more than 60 female staff members.
- Health insurance was announced for all employees of LUMS and will be provided to all from the current year.

Space Allocation

 HRD allocated appropriate spaces and designed seating plans for the various offices and schools at LUMS.

OFFICE OF FINANCE AND ACCOUNTS

The Finance and Accounts office manages all financial aspects related to the university like budgeting, accounts and management of the endowment funds.

2012-13

HIGHLIGHTS

- The Office of Finance and Accounts worked diligently during the past year to transfer processes to SAP – one of the largest enterprise software companies in the world – and their local partners, Excellence Delivered. The procedures of finance and procurement are now implemented using SAP software.
- The new Financial and Procurement system will give LUMS users a simple, yet powerful interface to create requisitions, track purchases, monitor inventory and budgets in real-time, while providing accurate and updated business intelligence reporting to the management.
- The office introduced an ABL ATM on campus and the fee collection process was further streamlined through online ABL banking.
- Integration of SAP with Zambeel is underway.
- Online receipt collection through UBL is also near completion.

OFFICE OF STUDENT AFFAIRS (OSA)

The mission of the OSA is to reach out to students, inculcate in them a feeling of belonging to a community and facilitate them in making sound social and academic judgments while promoting their emotional and physical wellbeing so that it fosters intellectual growth, integrity and a sense of responsibility in them.

The main areas that fall under the OSA include:

- Student Support Services and Enhancements
- Career Services
- Housing Office and Residential College support
- Sports, Wellness and Recreation

- Extracurricular Activities
- Exchange Programmes and Disciplinary Committee Affairs
- Student Counselling
- In-house medical facilities

HIGHLIGHTS

- The OSA was relocated to a central location inside the Academic Block into a one-stop-shop to improve on accessibility for the students.
- Students leaving for outstations on holiday were facilitated by negotiating terms with a leading bus service provider to arrange for on-campus boarding of DAEWOO buses with other assorted transit facilitation.
- Documentation of walk-in queries was initiated to help ascertain problem areas and indicate sectors where improved university services to the students may be assured.

- OSA successfully organised the largest ever Convocation at LUMS, with more than 800 graduates attending the ceremony along with their parents.
- The Annual NOP Coaching session was organised by the OSA, and was re-structured with a renewed mandate. It focused on engaging students with the LUMS experience and honing English language skills, in addition to preparation for the entrance test.



Extracurricular Activities

The Extracurricular Activities Office is dedicated to enhancing the quality of the university experience through student involvement, growth, and learning, providing virtual environments to help students hone their leadership and organisational skills.

- During the year, the Extracurricular Office executed 315 events in a calendar year of 365 days that involved not only the LUMS student body but also an approximate 5,000 external students.
- These activities range through areas as diverse as public speaking, leadership development, science, technology, journalism, community service, arts, sports and outdoor recreation. These included six mega events, many of which were attended by international delegations and reinforced LUMS' position on the extra curricular map of Pakistan.
- Societies at LUMS also earned laurels on the international circuit, making several trips to global locations to represent the university and the nation.

- Processes, procedures, and policies pertaining to extracurricular activities were reviewed to optimise facilitation and help in better organisation of the clubs, with a precise documentation system in place.
- LUMUN was very active this year. At the Harvard WorldMUN, the LUMS team won five out of eight awards. The team also won the Best Delegation award at the MUNTR (MUN TURKEY) for the seventh successive year. They also had the distinction to co-host the Eurasia conference held at Passau, Germany.

Sports, Wellness and Recreation (SWR)

The Office of Sports, Wellness and Recreation maintained its reputation of hosting top-notch sporting tournaments and events at LUMS for both the campus community as well as the extended sporting community.

 Some notable activities include summer camps for the community, including a large number of children from different schools around Lahore.

- The wellness programme was enhanced to include aerobics, taekwondo, yoga and gymnastics. The students, staff and faculty continued to enthusiastically use the sports complex for sports and high-intensity training.
- The SWR organised over 20 tournaments on campus, also hosting external teams. Various sports team from LUMS actively participated across in-house, inter-varsity and Higher Education Council (HEC) tournaments and games for the wider range of sports that included hockey, cricket, football, volleyball, tennis, squash, beach handball, basketball, netball, rugby, tug-of-war and water polo.
- The Office also organised the first ever LUMS Annual Games during the last academic year, with the aim to involve the entire LUMS community into sports and recreational activities. Teams from all LUMS schools, consisting of faculty, staff and students competed against each other in a number of exciting games, including football, basketball, table tennis, cricket, squash, volleyball, badminton and athletics.



CAREER SERVICES OFFICE (CSO)

The Career Services Office arranged successful education and career fairs during the year, where students were provided excellent opportunities for interaction and networking with over 50 different representatives of foreign universities, educational consultants, prospective employers, professionals and business leaders. These were supplemented by personal one-to-one sessions with foreign universities where there was special focus on study scholarships.

The Continuing Education Programme (CEP) registered an increase over the past year, amidst its great popularity and success. Nearly 300 people took active part in courses from subject areas as diverse as languages, professional communication, HR, event management and marketing, drawing and arts, digital photography, search engine optimisation and web development.

CSO pushed aggressively for internship placements with companies for the summer internships and placed over 700 students across various industrial sectors, including 120 Accounting & Finance interns for their compulsory auditing internships. Around 45 renowned multinational and local organisations conducted their recruitment sessions at LUMS for their Management Trainee Summer Internship Programmes.

Sessions directed at graduating students seeking to equip themselves with soft skills while applying for jobs were also organised. These included grooming sessions with counselors, guest speaker sessions with leaders from industry, mock interviews conducted by alumni, CV writing skills opportunity for graduating students to hone their skills in resume writing, interviews and professional interactions.

The CSO also engaged with Karachi and Lahore based employers at networking meetings to build strong ties with them in an effort to minimise the gap between industry and academia, and to better understand specific employer requirements from LUMS graduates. Over 50 companies from several multinational companies, Fast Moving Consumer Goods (FMCGs) and banks were represented in these sessions.

Student Wellness and Counselling

The important area of student counselling was greatly enhanced, with professional counselling service hours increased from 10 hours a week in previous years to 35 hours a week. A large number of students facing stressful conditions owing to a variety of reasons have availed this service.

Similarly, the regimen of medicines kept at the LUMS clinic was also upgraded to include antibiotics.

OFFICE OF ADMISSIONS

The Office of Admissions devises, implements and evaluates policies and criteria regarding admissions and evaluation of applicants to achieve a more effective and efficient admissions process.

All applications for financial assistance are examined and processed by the Office of Financial Aid. The aim is to make sure that a talented applicant, who gets admitted doesn't defer admission, because of his/her inability to pay.

With the growing number of applications each year, the team plans to work more diligently in order to facilitate applicants. Each year the Office of Admissions' work increases due to the large volume of applications. This admission cycle in addition to the existing degrees six PhD and four MS programmes (of SBASSE) were announced and the response was overwhelming.

The admission process was converted to an online system which is user friendly and easier for the applicants. As the volume of applications increases, so does the volume of queries. The Office of Admissions has a policy to respond within 48 hours of each query received.

After the initial work of receiving applications, the Admissions Team hosted the admissions test in six main cities – Quetta, Peshawar, Islamabad, Lahore, Multan and Karachi.

OFFICES AT LUMS

HIGHLIGHTS

- It was very busy year for the LUMS Office of Admissions, with freshman applications up by seventeen percent. With an acceptance rate of 73 percent, the new class is the most selective in the school's history.
- Office of Admissions also improved its recruitment and enrollment of under-represented students. Most noteworthy, more than one-third of the incoming students were women (38 percent). This represents a jump of nearly five percentage points over last year's enrollment.
- LUMS entered into an agreement with MCB Limited through which MCB will provide commercial loans to MBA and Executive MBA students of the Suleman Dawood School of Business (SDSB). The commercial loan facility will be pivotal for students who are currently financially unable to afford the cost of tuition and housing facilities.

OFFICE OF FINANCIAL AID

The Office of Admissions jointly works with the Office of Financial Aid for a better streamlined. transparent and effective process.

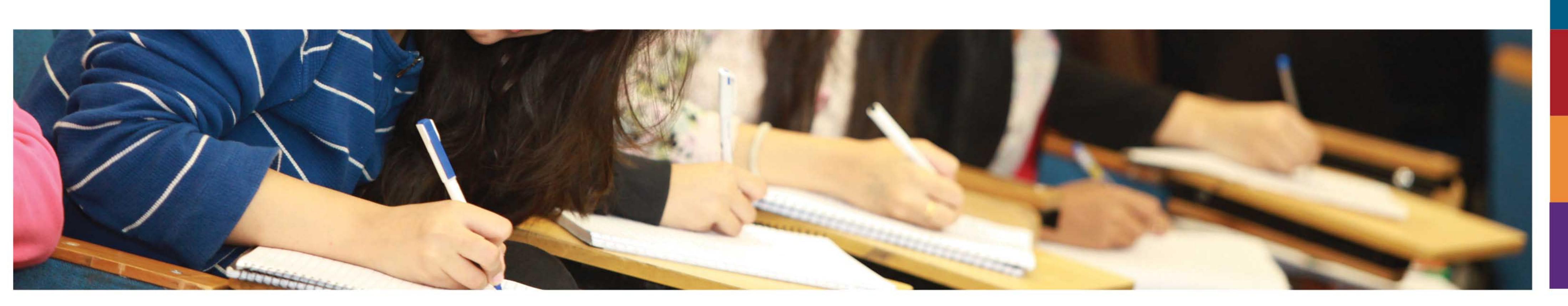
HIGHLIGHTS

- Tuition fee waivers and NOP awards of more than PKR 66.5 million were given to over 350 students in the new inducted undergraduate and graduate batches alone.
- Overall grants of over PKR 324 million were given to returning as well as new students in the undergraduate, graduate and post graduate programmes.
- This year, Financial Aid functionalities were integrated in the Online Admission System. The fully automated module caters to the various facets of processing of the financial assistance applications making it more accurate and time saving.
- Physical verifications of almost 95% of the student body conducted during the academic year 2012-2013.

In May 2013, LUMS received a grant of PKR 1 billion through partnership with the Department for International Development (DfID), UK to alleviate poverty through higher education under the banner of 'Empowerment through Education Initiative'. This enterprise will support 400 of the brightest young individuals from the poorest communities across Pakistan.

The broader purpose of the initiative is to create the momentum for a strengthened and expanded programme of financial aid for economically disadvantaged students at LUMS that can sustainably continue beyond the life of the initiative. An essential component of this initiative is to substantially increase the number of students from the lowest income households by providing greater financial support assistance and expanding the resources and scope of existing financial assistance available at LUMS.

The initiative also aims at strengthening the support functions for overall financial aid programmes at LUMS, including greater outreach in identifying deserving students and providing better support for social and academic integration of students on financial aid.





OFFICE OF SPONSORED PROGRAMMES (OSP)

The mission of the Office of Sponsored Programmes (OSP) is to provide comprehensive support to members of LUMS research community engaged in the preparation and submission of research proposals. The Office brings funding opportunities to the attention of faculty members and institutes a process of routing and tracking of research proposals/awards. As steward of the university's externally and internally funded research portfolio, the OSP is responsible for ensuring that all research proposals and projects adhere to LUMS' academic and research policies and meet its obligations to sponsors.

HIGHLIGHTS

- 49 research proposals were processed worth PKR 557.57 million.
- 15 consultancy assignments were processed worth PKR 11.82 million

- 29 HEC Travel Grants applications were processed worth PKR 8.63 million, of those 15 worth PKR 4.84 million were awarded, eight worth 2.42 were declined, and six worth 1.58 are still under review at HEC.
- Ten applications for organising a seminar, workshop and conference were processed worth PKR. 6.06 million. Nine were awarded for PKR 4.56 million.
- One unrestricted grant was processed and awarded worth PKR 19.86 million.
- Two Faculty Initiative Fund (FIF) calls for proposals were made. Forty proposals were received from three schools and the total amount requested was PKR 32.32 million. Fifteen proposals were awarded PKR 8.27 million.
- The US Department of Health and Human Services' registration was acquired for the LUMS Institutional Review Board.

FACILITIES AND ENGINEERING DEPARTMENT

The Facilities and Engineering (F&E)
Department at LUMS is responsible for
maintaining all utilities at the campus such
as electric supply, gas supply, water
distribution, HVAC system and civil works.

Highlights

- Savings on operation of twelve lifts, PKR 70,000/per month
- Savings on operation of gas generator, PKR 200,000/- per month
- Savings on tariff rates change of PKR 1-1.5 m per month
- Savings on energy conservation project, PKR 0.75m per month
- 100% availability of all services (power, water, gas, HVAC and fire water)
- Commissioning of sewage water treatment plant in January 2013
- Commissioning of fire alarm system in SBASSE building, left wing

Installation and commissioning of 42 KW Solar Energy System at the roof top of the library building

- Shifting and commissioning of 120 kVA UPS from service block to SBASSE
- Refurbishment of the cargo lift in the SBASSE building

- Annual maintenance of classrooms, hostels and faculty apartments
- Modification of water supply network to avoid major shutdown
- Replacement of corroded Sui gas pipelines
- Shifting of SDSB diesel generator to service block and synchronisation
- Refurbishment of deep well turbine #1 water suction problem
- Major repairs of leaking tubes in chiller #3
- Taking over operations and maintenance of SDSB from Jan 2013
- Refurbishment of fire and safety system, fire extinguishers, sprinklers, hydrants
- Furnishing of second and third Floors of the SBASSE building, right wing
- Refurbishment of 55 rooms in the Academic Block

GENERAL ADMINISTRATION AND SERVICES DEPARTMENT

The Department of General Administration Services provides services to the LUMS community that include the disbursement of car entry stickers, transport facilities, booking of lounges and lawns, janitorial services and more.



Highlights

- Extended free parking area for LUMS community
- Construction of patio known as the LUMS square near khokha for the community
- Prepared a new venue (adjacent to free parking) for LUMS events
- Introduced new food outlets for campus community (Chop Chop, Subway and Cherry Berry)
- Contributed to the SarSubz LUMS project by developing a new green belt between the Library and the Academic Block, along the road leading to SDSB

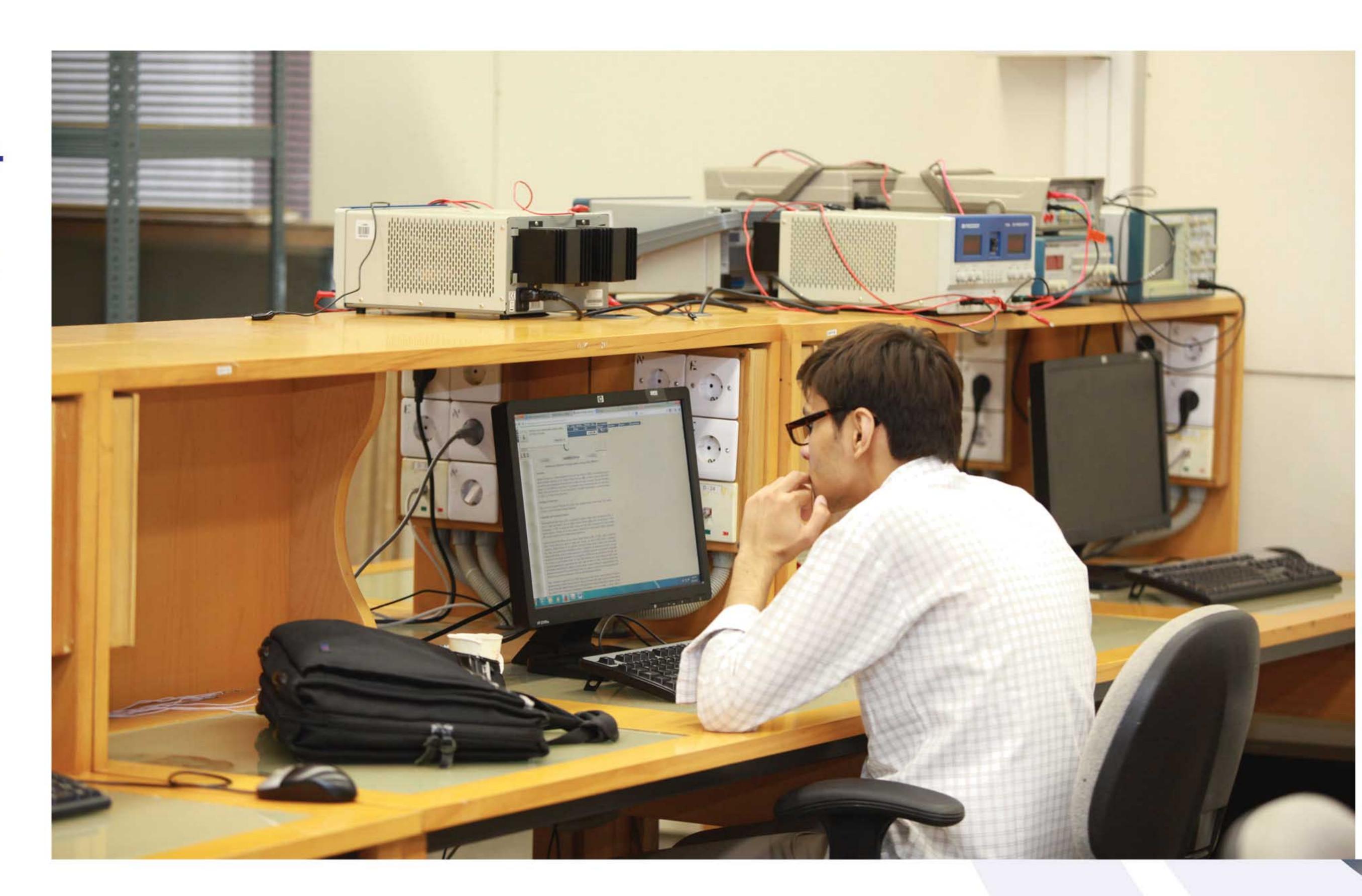
- Expanded the dining facility to the first floor
 Pepsi Dining Centre (PDC) due to the increased number of students
- Extended footpath from academic block to F-4
- Organised a food street festival for the LUMS community
- Provided free bicycle service to LUMS students for the LUMS SarSubz project
- Put in place strict security measures for a foolproof security system at LUMS
- Conducted a comprehensive fire and safety survey in collaboration with Rescue 1122
- Carried out an effective drive against dengue through awareness sessions and extensive fumigation/spray

INFORMATION SYSTEMS AND TECHNOLOGY (IST) DE-PARTMENT

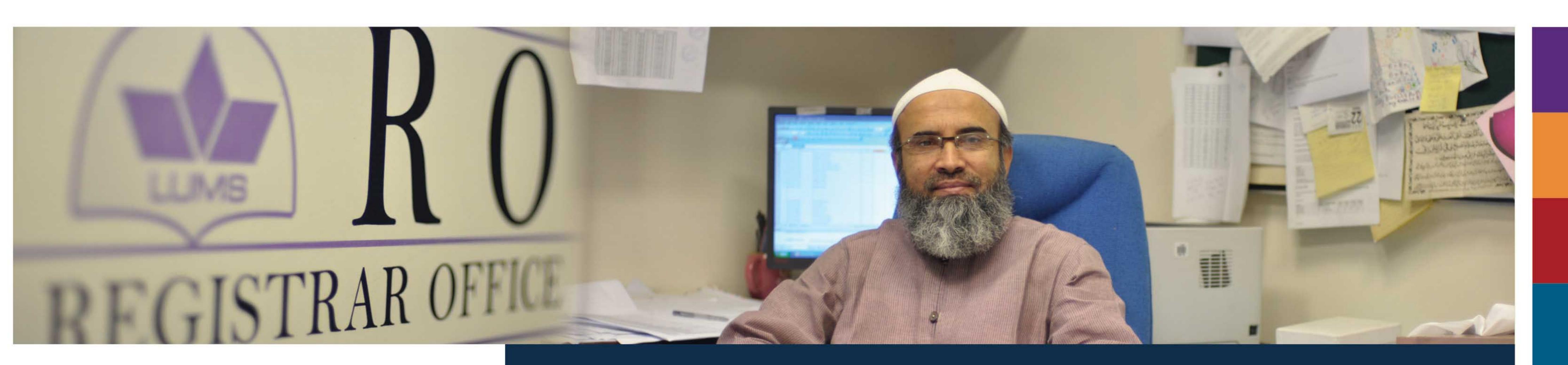
The Information Systems and Technology (IST) Department is responsible for maintaining the academic and administrative computing facilities at LUMS.

HIGHLIGHTS

- Led a successful SAP Financials and HR implementation, which will replace a number of legacy systems and enable better administrative control across major university processes
- Upgraded computer labs with 38 new desktop computers, 40 additional new LCDs, and 40 new chairs – the first such major upgrade to labs in several years. Established two new computer labs in SDSB and furnished SBASSE labs with additional computers
- Rolled out a wireless network across all major buildings – doubling its wireless network to fully cover all teaching areas and discussion rooms in the Academic Block, Suleman Dawood School of Business (SDSB), Syed Babar Ali School of Science and Engineering (SBASSE) and library, as well as recreation areas, including the Pepsi Dining Centre and Syed Maratib Ali Sports Complex, to provide the LUMS community with roaming network connectivity across campus



- Installed multimedia projectors in all teaching areas at LUMS
- Reduced LUMS computer repairing cost by up to 90% by setting up a dedicated hardware repair team within IST
- Led the automation of student fee collection by developing systems and SOPs which integrate LUMS with Allied Bank Limited to facilitate a systematic and simple fee collection process



OFFICE OF THE REGISTRAR

The Registrar's Office (RO) serves as the university backbone; it owns the university's academic calendar. The office is responsible for the registration of students in courses. RO is the custodian of student records and transcripts, degree progress and graduation audit, in addition to serving as a clearing house for assigning majors and swapping or changing them subsequently. The RO also manages the distribution of semester schedules. Other requirements such as additional transcripts, clearance certificates, degrees before convocation, duplicate degrees, attestation of documents, letters certifying student status and students/alumni degree verification for other institutions/organisations are also handled by the Registrar's Office.

HIGHLIGHTS

- University academic calendars for the next four years were formulated
- Enrolment of students was better structured and conducted live
- Course memo and semester schedule were prepared after due collaboration with respective departments for better stakeholder acceptance
- Midterm and final examination pattern was changed to follow the semester course schedule
- 794 courses including sections and components were offered cumulatively in fall and spring semesters and respective grades were posted. Accordingly, 345 grade change petitions were also processed
- The helpdesk RO online platform (https://helpdeskRO.lums.edu.pk) has been established as the sole medium of communication with the students
- Venues across the university were utilised for semester schedule, with future planning to pull the classes' end time back
- Undergraduate student handbook has been re-written with the required policy revision and clarity



OFFICES AT LUMS

- Being custodian of students' records, RO has ensured that students' files are properly stored. The total numbers of files received of fresh intake batches was 1247. Accordingly, 1000 files of graduating students were moved to other archives. Requests of departments for students' files were also promptly handled
- 250 requests of individual and multiple students for educational verification were received from vetting companies, banks, corporate sector and government agencies, and were handled on time
- More than 3500 transcript requests were processed. These requests include urgent and normal requests from students and graduates. Fulbright and other scholarships requests were handled on a priority basis
- For the services (transcripts/letters/degrees) provided to students, revenue amounting to Rs 2,200000/- was generated by the Registrar's Office
- 1200 requests for various types of letters were handled, a total of 2000 letters were generated and issued promptly
- Dean's List awards were processed and an impressive university level ceremony was held for the first time. 263 students were acknowledged. Recognition certificates and folders were prepared



- At the Convocation 2013, 808 students graduated resulting in an increase of 14% from the last year's number. Accordingly degree requirements of these students were checked in a short time by literally working round the clock. Seven PhD degrees were conferred. 808 transcripts were printed, degrees were signed by the VC, deans of respective schools, and the Registrar Office officials and copies were prepared. Medals and awards were prepared and were distributed on the Graduation Night Ceremony and on Convocation Day
- Across all schools and programmes (graduate & undergraduate), grades and results of more than 3000 students were processed and mailed. Students not performing well were issued warning letters. Around 600 warning letters were issued to students and as many copies were sent to different relevant offices
- Grade slips were dispatched, probation and separation decisions were taken and respective letters issued



LUMS puts a lot of emphasis on research and is working towards a much stronger research health of the university. Apart from faculty research, the schools at LUMS have dedicated research centres, labs, groups and clusters exploring new horizons in their respective fields.











RESEARCH CENTRES

There are seven research centres at LUMS and a total of 34 labs, groups and clusters involved in rigorous, cutting edge research in their respective fields.

SULEMAN DAWOOD SCHOOL OF BUSINESS (SDSB)

Rausing Executive Development Centre (REDC) Strategic Sectors Research Centre (SSRC) Case Research Centre (CRC) Social Enterprise Development Centre (SEDC)



Development Policy Research Centre (DPRC) Gurmani Centre for Languages and Literature

SYED BABAR ALI SCHOOL OF SCIENCE & ENGINEERING (SBASSE)

Centre for Advanced Studies in Mathematics (CASM)









2012-13

CLUSTERS

The research-active faculty at the Department of Electrical Engineering (EE) is involved in solving critical issues pertaining to a wide range of subjects such as communication technologies, power systems, embedded microelectronics, optics, VLSI design and control systems.

The EE Department has plenty of opportunity for students at both the undergraduate and graduate level to work closely with faculty and learn to conduct research and contribute to the frontiers of knowledge. Research is happening all the time here at the following clusters:

- ► Advanced Communications Lab
- Cyber Physical Networks and Systems
- ► Devices Optics and Electromagnetics
- ► Electronics and Embedded Systems
- ► Energy and Power Systems
- ▶ Image and Video Processing Laboratory

GROUPS

Biology

The Department of Biology is committed to excellence in both teaching and research. In addition to offering a rigorous curriculum, the department has state-of-the-art laboratory facilities which are used to impart hands-on training to its students and carry out research. At present, there are five full-time faculty members who are actively developing independent research programmes in their respective areas of specialisation.

- Biology of Hepatitis-C Virus
- Computational Structural Biology
- Computational Systems Biology
- Epigenetics
- Extracellular Protein Export in Bacteria
- Gene Regulation in Hyperthermophilic Archaea
- ▶ Neurosensory Disorder
- Optical Microscopy System for Medical Applications

Chemistry

The research-active faculty at the Department of Chemistry is at the forefront of addressing key issues of global and local relevance. These include faster and cheaper drug development; cleaner, sustainable and economical energy production and storage technologies; safer air and drinking water as well as manipulating nanotechnology for solving health, environment and energy related issues.

These challenging goals are being achieved through a focused research on thermoelectric materials, formable and hard coatings, functionalised polymers for solar cells and fuel cells applications, organometallic catalysts, and functionalised nanomaterials for applications in disease diagnostics and treatment (drug delivery), catalysis, optics, nanoelectronics and environmental remediation. The research activities strongly emphasise the commercial and industrial applications of materials and actively promote and participate in developing industry-academia collaborative research projects. The following labs are housed at the Department of Chemistry

- Advanced Interdisciplinary Molecules
- ► Catalysis and Green Chemistry
- ▶ Nanomaterials
- ▶ Polymer
- Solid State Chemistry

Physics

Fundamental Physics has very strong ties with human society. Most of the technological advances in the twentieth century have been shepherded by a strong understanding of our physical surroundings. This understanding relies on an intuitive appreciation of our material and energetic surroundings, shaped and fortified by generations of keen observers and brilliant scientific thinkers, who describe physical reality in the sophisticated language of mathematics.

There is a wide spectrum of research being carried out at the Department of Physics, reflecting the diversity, promise and strengths of this department.

- Computational Materials
- ► Experimental Particle Physics
- ► Fundamental Theory
- ► Laser Engineering
- Nano Quantum Optics
- ► Photonics
- Quantum Chromodynamics
- ► Spin and Photon Physics
- ► String Theory
- ► Physlab

LABS

hyslab was set up in 2007, as a teaching lab at the Syed Baber Ali School of Science and Engineering (SBASSE) to provide an institutional and national platform for student-driven experimental research in physics. The lab works on indigenous development of experiments for the laboratory and demonstrations for the classroom environment. The lab also offers training opportunities for SBASSE students in world-class experimental physics through required and optional lab courses while sharing expertise, resources and training in physics education with sister institutions and

Computer Science

The research focused faculty at the Computer Science Department encourages undergraduate students to be involved in their research work. Research opportunities focus both on fundamental research in theory of computation, computer networks, computer vision, data mining, software engineering, artificial intelligence and robotics, as well as projects of practical socio-economic significance, such as building systems to communicate relevant information to farmers, designing mapping solutions for rural areas and building record keeping solutions for the judicial system.

The following labs are active at the Computer Science Department:

- ► Artificial Intelligence and Robotics
- Knowledge and Data Engineering Lab
- ► Neighborhood of Emerging World Technologies
- ► Networks and Communications Lab
- Software Engineering





2012 - 13 has been the year of many new initiatives at LUMS; in terms of not just improving the campus experience but also proposing solutions to the problems the world is facing.

The following initiatives were the major highlights of the year:

- Technology for People Initiative (TPI)
- SarSubz LUMS
- LUMS Initiative on Internet and Society (IIS)
- Climate Change Project

INITIATIVES AT LUMS

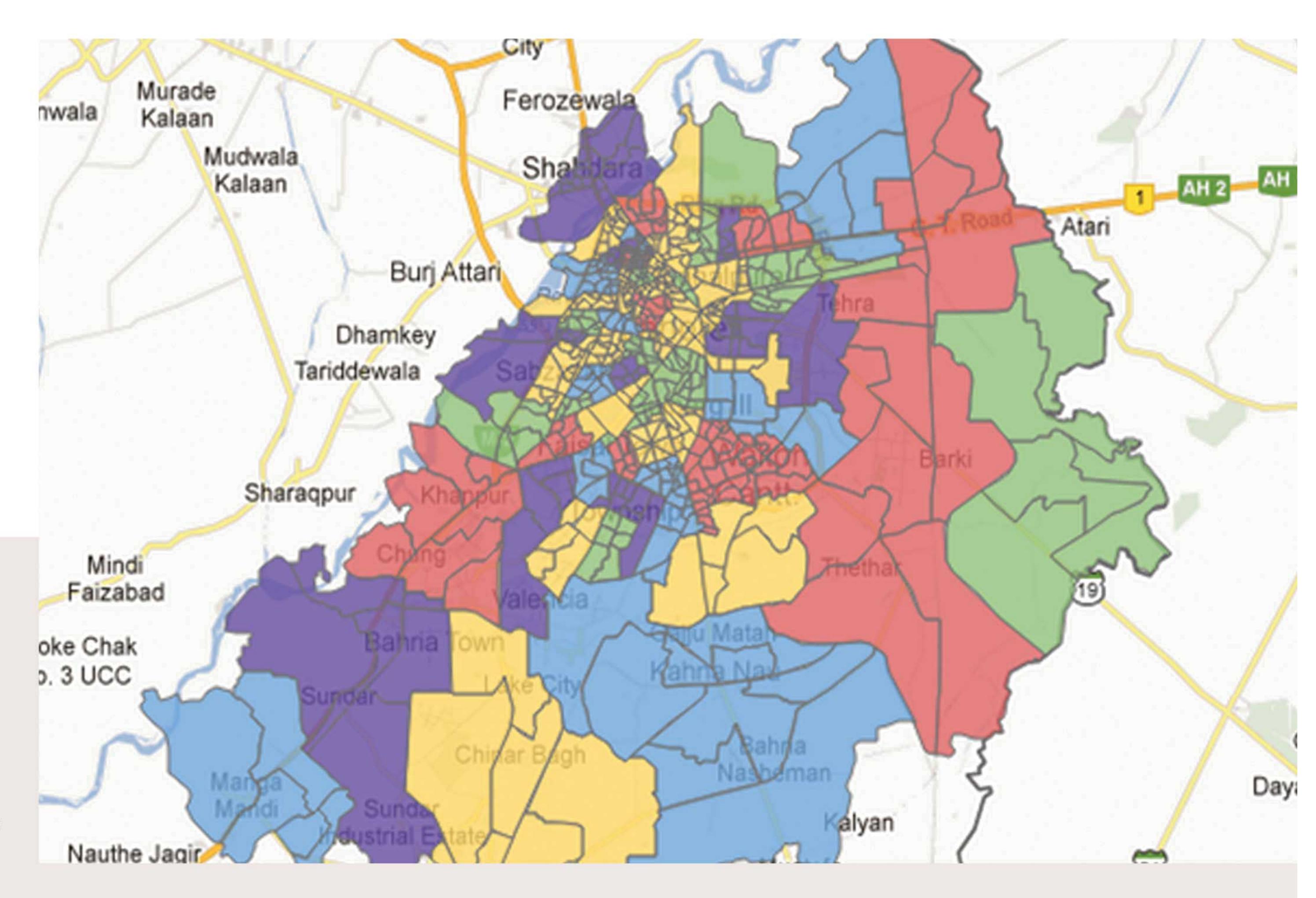
Technology for People Initiative (TPI)

TPI aims at improving the quality of life of our citizens by solving fundamental problems of governance, public policy and socio-economic development through novel technological interventions.

HIGHLIGHTS

The initiative:

- Developed a Court Management System for District Judiciary in Gujranwala to enable more efficient dispensation and analysis of caseload
- Created a 'crime map' for the Punjab Police whereby they will be furnished with a visual trepresentation of where and when criminal activity occurs
- Worked on a more accurate estimate of Pakistan's urbanisation levels; using satellite imagery and various estimates like road density and distance from urban centre
- Created a distance learning programme through SMS for LUMS National Outreach Programme (NOP) scholars



- Estimated the population density in various areas of Pakistan through texture analysis of particular areas shown in Google Earth, in an effort to improve upon the current linear projection estimates of Pakistan's population.
- Took up new projects such as 3D modelling of the walled city for restoration and preservation and an adaptive learning platform tailored for local needs





SarSubz LUMS

'SarSubz' is Urdu for 'Always Green'. This initiative is an expression of the University's long-standing and continuing commitment to environmental consciousness and sustainable development in our own lives, at our own campus, and beyond.

HIGHLIGHTS

Fall 2012 was declared as SarSubz Semester. The green theme served as an umbrella for the listed events and initiatives related to environment:

- Bike sharing initiative at LUMS
- Carpool initiative (still in the pipeline)
- Conversion of roads into green pathways (in front of library and mosque)

- Adopt a Tree Plan 80+ trees were planted
- Installation of eco-friendly panels composed of
- recycled cellulose based materials for the insulation of hostels common room
- Expo of environment and sustainability related research on campus
- Organised climatic and sustainability related seminars
- Anti Litter Walk held in September 2012
- March 2013: LUMS is the first university in South Asia rated in the Sustainability, Tracking, Assessment & Rating System™ (STARS) as a part of its international pilot programme. STARS is a framework developed by the American Association for Advancement of Sustainability in Higher Education (AASHE) to monitor and evaluate sustainable practices in Universities.
- March 2013: Moving on to renewable energy by installing 42 KW grid tied photovoltaic solar system at the rooftop of library building.

SarSubz

- June 2013: Over 160 graduating LUMS students signed the Graduation Pledge Alliance (GPA)'s Graduation Pledge of Social and Environmental Responsibility.
- July 2012-July 2013: Major energy savings made through the LUMS Energy Conservation Initiative which goes to over PKR 0.75 m per month. Some of the initiatives include energy efficient lightening, automation of air handling units and effective energy management and switching over to new tariff C2(B) connection.

LUMS INITIATIVE ON INTERNET AND SOCIETY (IIS)



This was a one year project spearheaded and directed by the then LUMS Vice Chancellor Dr. Adil Najam. The project focused on research and discussions carried out in three different streams (a) Internet and Media, (b) Internet and Law and (c) Internet and Technology. IIS Lecture Series was also initiated that brought in leading academics, policy makers, politicians and technology experts to engage the socio-civic community into public lectures and discuss the big ideas that are relevant to development of social technologies in Pakistan.

HIGHLIGHTS

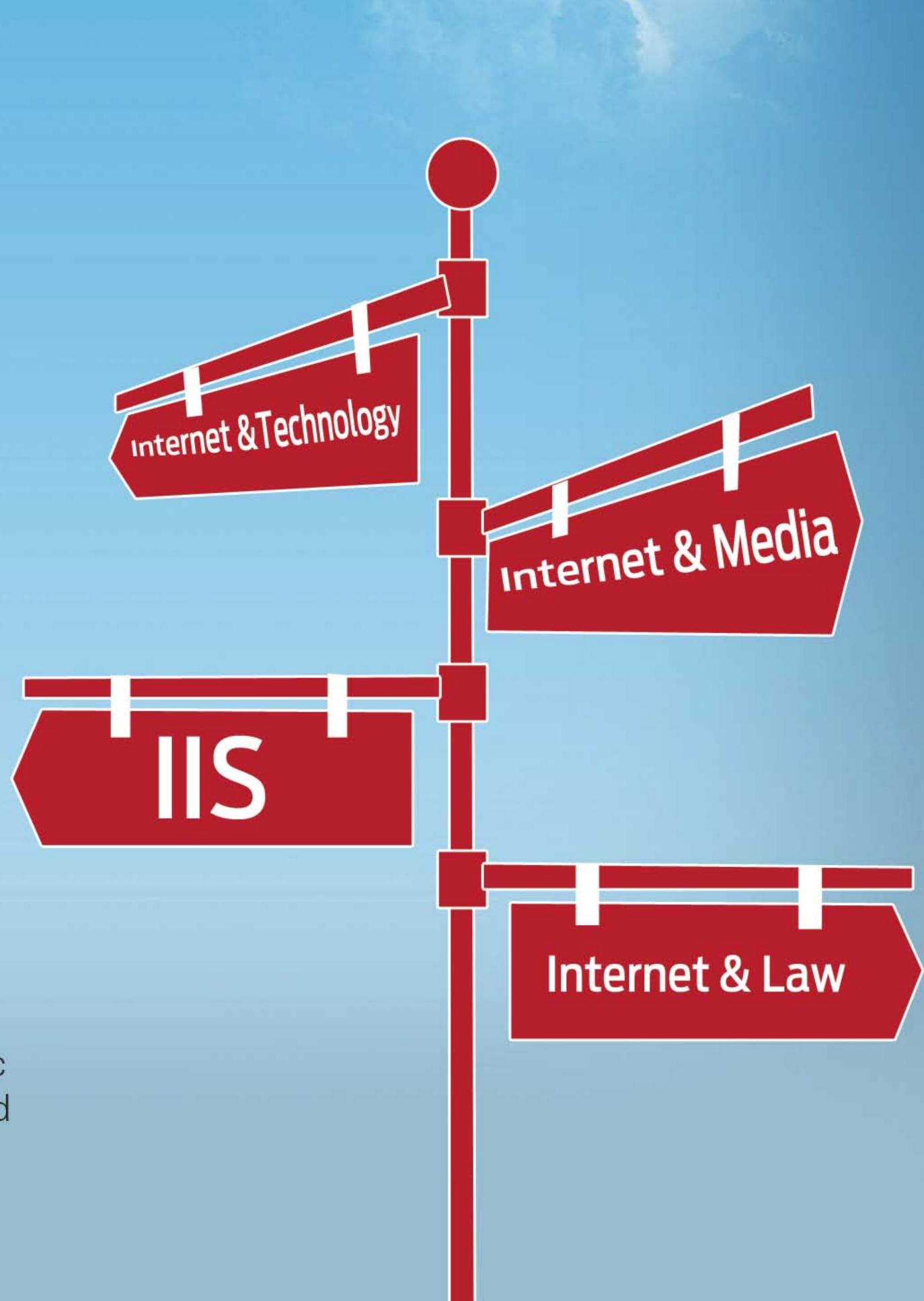
The Initiative on Internet and Society successfully held numerous seminars, presentations and round table discussions during its term. Some of these talks were joint ventures organised by the three schemes of the Initiative, with notable journalists, policy analysts, politicians and professors on most occasions. The stream of Internet and Law, with the help of various experts at the roundtable discussions has been able to formulate a legislative review and a number of prospective papers on cyberspace policy and related issues.

The Internet and Law stream, which was led by Dr. Ali Qazilbash and Prof. Abid Imam, conducted several successful seminars and roundtables dealing with the critical discussions revolving around Cyber Law, Legislative possibilities of censorship and possibilities of wider Internet access. Under this stream Dr. Qazilbash also conducted a series of seminar lectures with lawyers and high court judges, to train them on cyber law.

The Internet and Media stream was strategised to bring in relevant study and discussion to explore the Media and Internet qualities to evolve together. There were various engagements that were carried out to establish the discussion on relevance of different channels like mainstream media, technology and Internet to explore what and how each of these engage and enhance each other.

The Internet and Technology stream worked in collaboration with the Computer Science Department at LUMS and was managed by Dr. Sohaib Khan and the Technology for People initiative directed by Asim Fayyaz. This part of the IIS rounded the discussion on technological relevance and utilisation in society, civic, economic and governmental development.

The IIS engaged LUMS faculty, fellows, students and affiliates with a wide spectrum of Internet, technology, media and cyber law related issues, including governance, privacy, intellectual property, content control, Pakistan government policies and restraints of tech-users and electronic commerce. These diverse decisive interests aimed to expand the common understanding of the Internet as a social and political space.





CLIMATE CHANGE PROJECT

'The Determinants, Impact and Cost Effectiveness of Climate Change Adaptation in the Indus Eco-region' more commonly referred to as LUMS Climate Change Project was a project by LUMS and WWF – Pakistan.

In March 2012, LUMS and WWF embarked upon a three year study of climate change adaptation by farming households in selected regions of Sindh and Punjab. The study is funded by the International Development Research Centre (IDRC), and aims at conducting field-based research on climate change in the context of agriculture and food security in Pakistan. Details regarding the project can be found on http://lums.edu.pk/ccap/

HIGHLIGHTS

 On June 18, 2012, LUMS hosted a national consultation and workshop on climate change adaptation which brought together leading academics, practitioners and policy makers to give input on the sample design and methodology of the project.

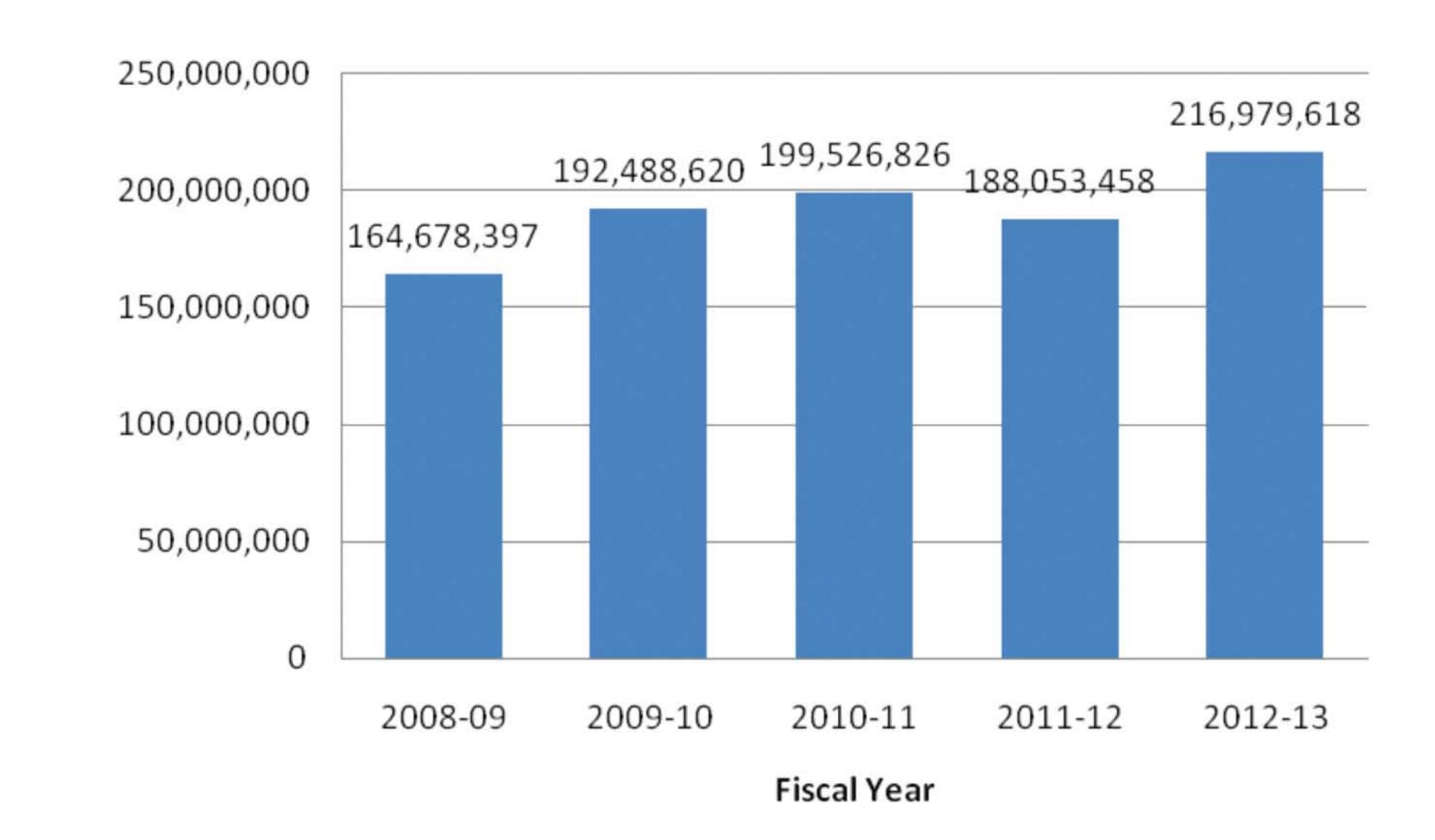
- On June 19, 2012, Dr. Ben Groom, Lecturer at the London School of Economics and Microeconomic Consultant for the project, conducted a full day of training on Statistical Analysis for Research. He familiarised participants, that included faculty and research associates from institutions, including LUMS, SPDC, PIDE and MHHDC, with STATA and its application to research on Climate Change.
- On June 26, 2012, LUMS hosted Dr. Rajendra Pachauri, Chairman of the Inter-Governmental Panel on Climate Change (IPCC) that was awarded the Nobel Prize in 2007. The event was a collaboration between LUMS and LEAD Pakistan, and saw a lively discussion on the impact of climate change on South Asia, with a particular focus on its relation to natural disasters
- As part of the initiative to enhance research capacity on climate change at LUMS, a paper series was initiated. A brainstorming session was held with faculty and students on September 17, 2012, following which a call for proposals was issued on October 2, 2012. From the proposals received, three were selected and commissioned. These papers are student-faculty collaborations that provide the faculty members with an honorarium, the student researchers with direct tuition assistance and seed money for research expenditure. Details of the selected research teams and their proposals can be found at: http://lums.edu.pk/news-detail/3-studentfaculty-teams-awarded-climate-research-grants-1120

- On October 12, 2012, LUMS hosted a talk on Climate Governance by Mr. Mark Halle, the Executive Director of the International Institute for Sustainable Development (IISD).
- Mr. Carl Pope, former Executive Director of the Sierra Club, addressed a gathering of students, faculty, researchers and professionals from various fields and disciplines on January 22, 2013, at a round table discussion titled 'Seeking Innovative Solutions to Our Energy Crisis'.
- LUMS hosted a Research and Writing Workshop on Environmental and Natural Resource Economics on March 6-9, 2013. The workshop was a collaborative effort between LUMS and South Asian Network for Development and Environmental Economics (SANDEE), and hosted participants from across Pakistan, with trainers from Nepal, Bangladesh, Thailand and Pakistan.
- During April 20 July 1, 2013, enumerators under the supervision of the WWF team surveyed over 1500 households across seven districts of Pakistan. The districts included Jhang, Rahimyar Khan, Chakwal, Rawalpindi, Larkana, Sukkur and Sangar.
- Basharat Saeed and Ali Dehlavi presented the methodology and preliminary findings of the project at the IDRC conference, 'Adapting to Climate Change and Water Security in South Asia', on June 18-20, 2013, in Kathmandu, Nepal.

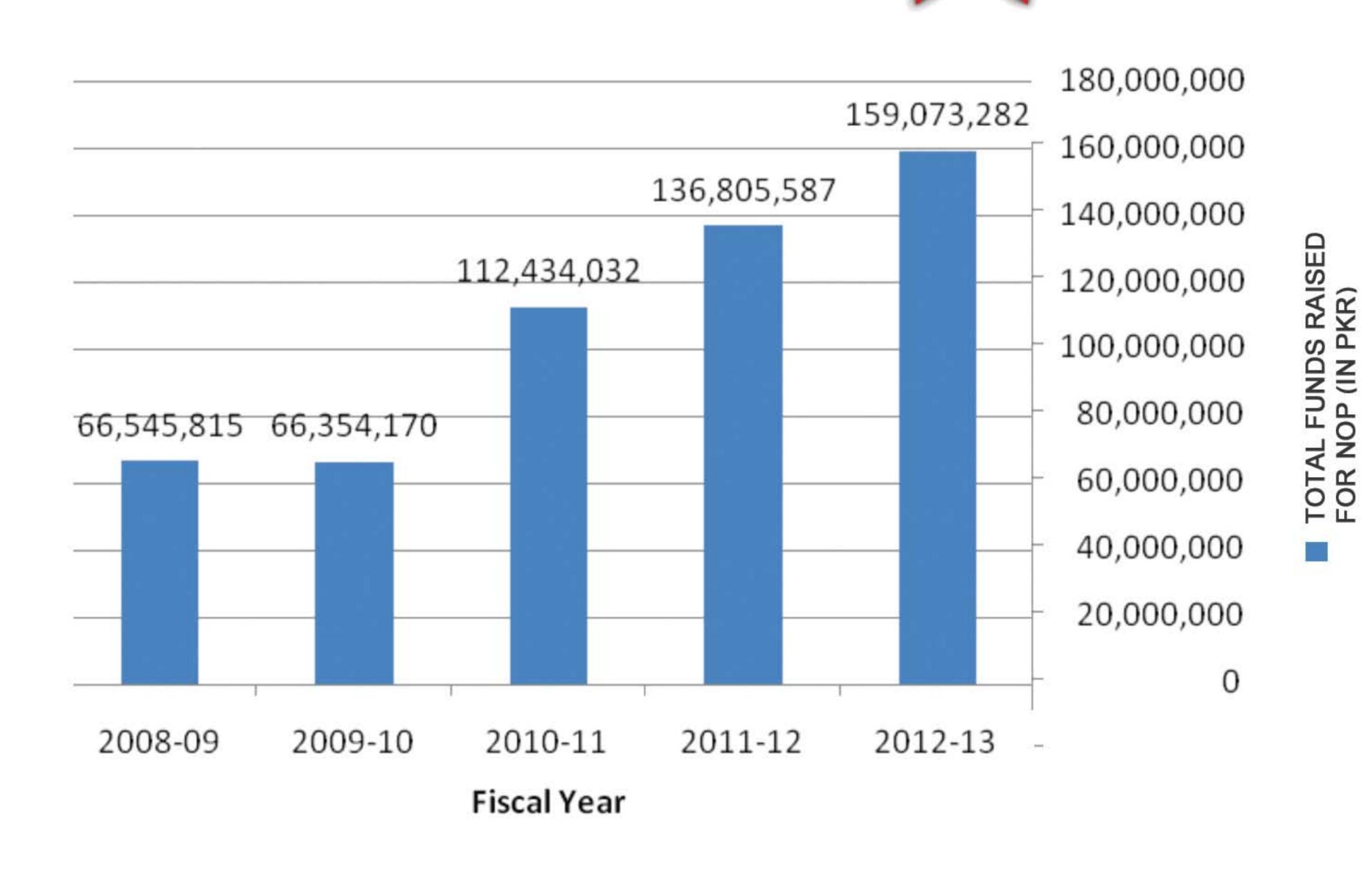


DONORS AND DONATIONS

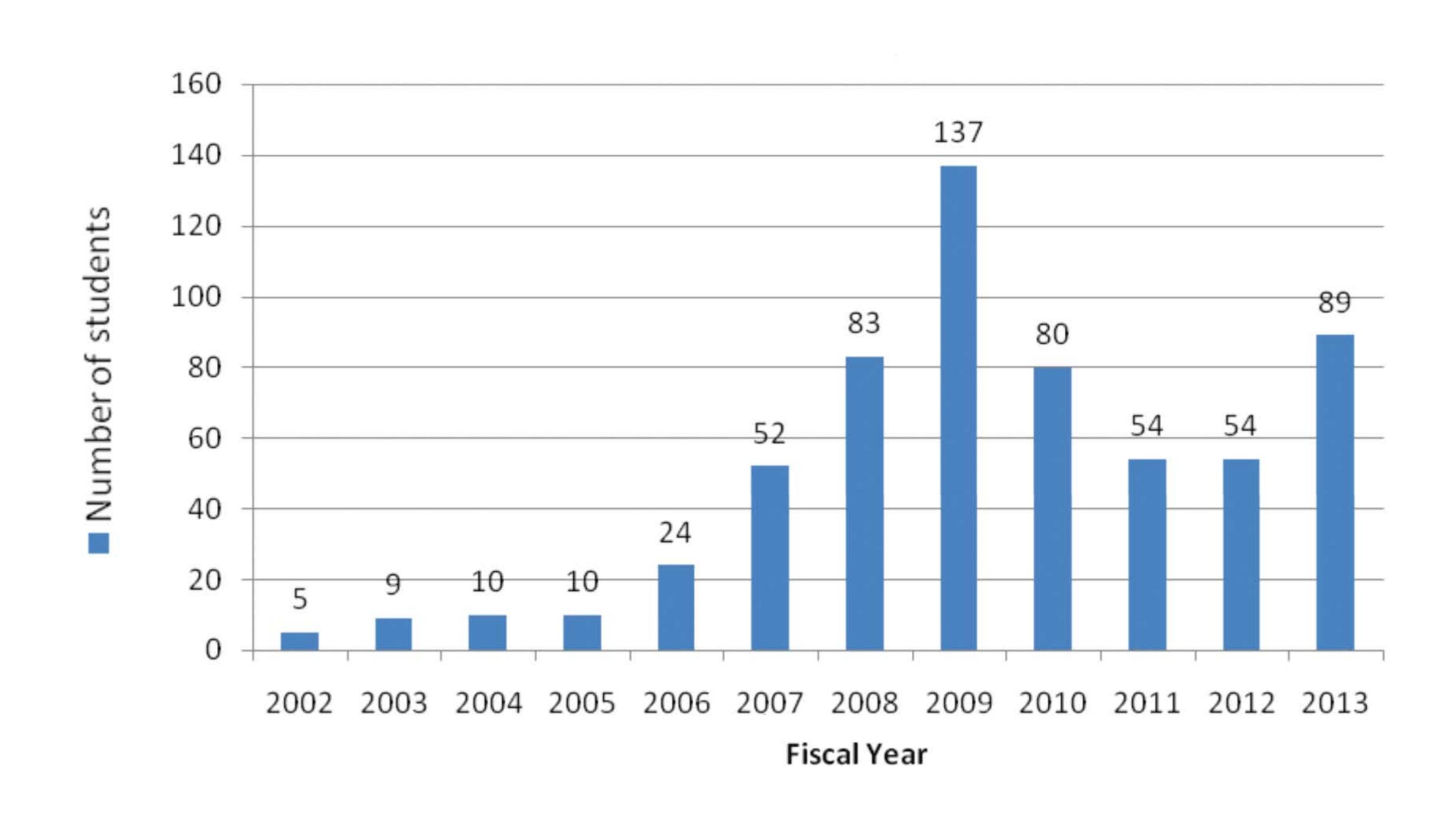
TOTAL FUNDS RAISED IN THE LAST 5 YEARS



NATIONAL OUTREACH PROGRAMME (NOP) FUNDS RAISED IN THE LAST 5 YEARS



NATIONAL OUTREACH PROGRAMME (NOP) SCHOLARS INDUCTED EACH YEAR



Financial Statements

July 1, 2012 - June 30, 2013

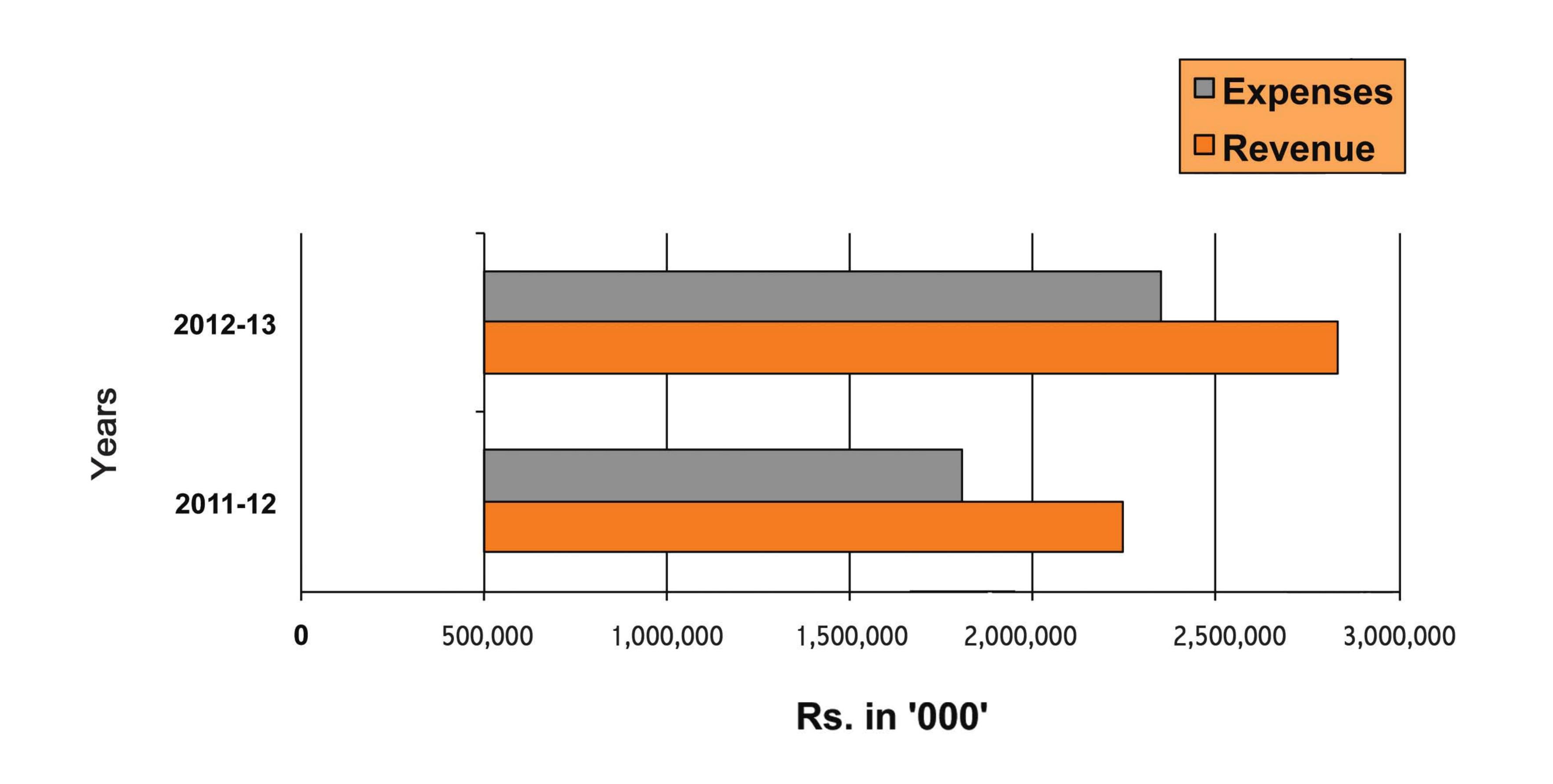
Last 2 years Financial Results Summary

Rupees in '000'			
nupees iii ooo			
Years	FY 2012-13	FY 2011-12	
Sources			
Scholarship Grants	99,689	96,432	
Tuition Fee	1,624,236	1,338,796	
Executive Development Programmes	160,914	159,373	
Sponsored Project Revenue	392,408	224,358	
Consultancy Fee	10,331	4,635	
Return on Investment	129,534	88,858	
Cafeteria Income	82,698	74,119	
Other Income	337,199	258,033	
Total Operating Receipts	2,837,009	2,244,605	
Salaries & Instructional Support Advertisements	821,033 11,604	688,611 7,980	
	11,604	7,980	
Contribution for buildings	201,241	5 	
Supplies & Services	188,945	182,008	
Utilities	154,927	151,523	
Depreciation/Amortisation	139,550	117,594	
International & Local Travel	17,045	17,535	
Estate Management	18,926	27,050	
Training, Research & Development	427,218	244,823	
Scholarship & Fee Waivers	317,084	328,094	
Miscellaneous Expenses	51,435	42,216	
Total Operating Expenses	2,349,007	1,807,434	
Capital Expenditure	144,466	154,098	
Net Surplus / (Deficit)	343,536	283,074	

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

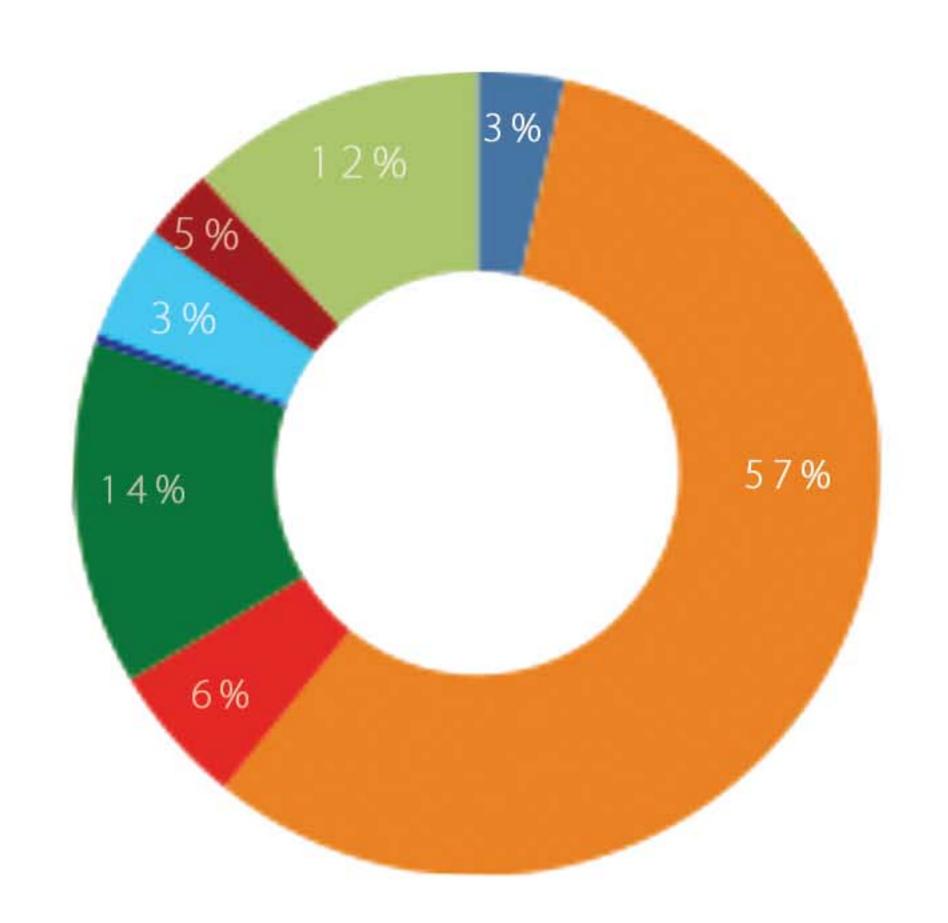
Revenue & Expenditure Growth

Rupees in '000'			
Years	Revenue	Expenses	
2011-12	2,244,605	1,807,434	
2012-13	2,837,009	2,349,007	



University Operating Revenue (FY 2012-13)

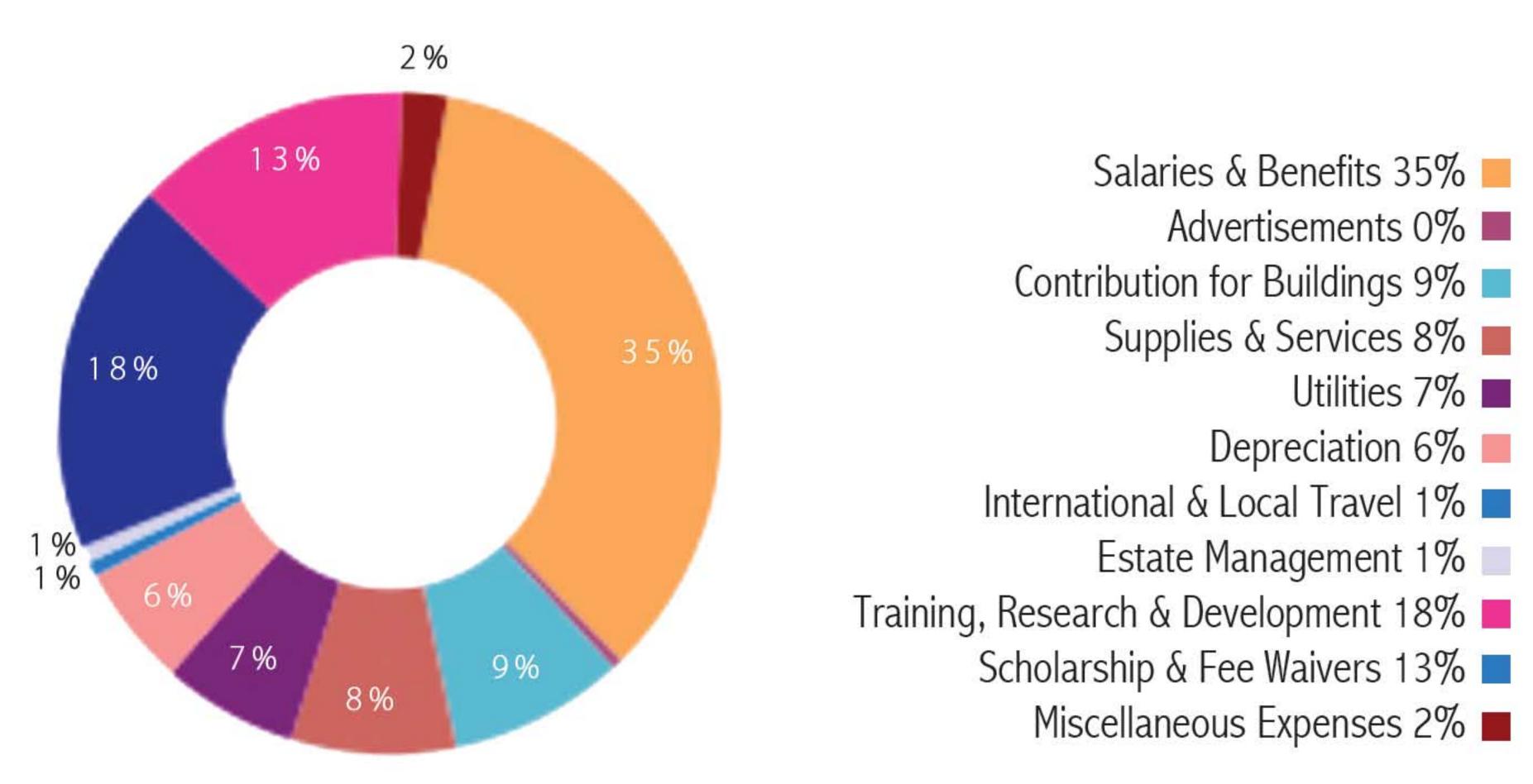
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Return on Investment	129,534
Cafeteria Income	82,698
Other Income	337,199
Total	2,837,009



- Scholarship Grants 3%
 - Tuition Fee 57%
- Executive Development Programmes 6%
 - Sponsored Project Revenue 14%
 - Consultancy Fee 0% ■
 - Return on Investment 5%
 - Cafeteria Income 3%
 - Other Income 12%

University Operating Expenses (FY 2012-13)

Rupees in '000'	
Salaries & Benefits	821,033
Advertisements	11,604
Contribution for buildings	201,241
Supplies & Services	188,945
Utilities	154,927
Depreciation	139,550
International & Local Travel	17,045
Estate Management	18,926
Training, Research & Development	427,218
Scholarship & Fee Waivers	317,084
Miscellaneous Expenses	51,435
Total	2,349,007









Annual Report 2013

Lahore University of Management Sciences

OFFICE OF MARKETING, FUNDRAISING & ALUMNI

Lahore University of Management Sciences Sector U, DHA, Lahore Cantt. Lahore, Pakistan

Telephone: +92-42-111-11-LUMS (5867) Website: www.lums.edu.pk