



ORIC ANNUAL REPORT

JAN 2017 – DEC 2017

**OFFICE OF RESEARCH INNOVATION
& COMMERCIALIZATION (ORIC)**

**NATIONAL UNIVERSITY OF MODERN LANGUAGES (NUML)
H-9, ISLAMABAD**

From the Rector

In its steady strides towards achieving excellence Office of Research Innovation and Commercialization (ORIC) at the National University of Modern Languages (NUML), Islamabad proudly presents its 3rd Annual Report 2017.

ORIC Annual Report 2017 is a brief of events and activities and is a reflection of valuable contribution of ORIC team members in streamlining the Department Affairs.

ORIC at NUML is consistently perusing its mandate to foster research culture within the university and is acting as a liaison between the industry and academia. ORIC has been established to initiate, embed, support, and integrate the process of research, innovation, and commercialization in every department of the University.

ORIC Annual Report has been compiled under the guidance of Director ORIC, Dr. Karamat Ali who is the guiding spirit of the ORIC Department and the resilient efforts of his team members.

I wish them all, all the very best in their journey. May they continue to strive towards their goals.

Rector

Maj.Gen Zia Uddin Najam HI(M)
(Retd).



Introduction

2017 had been an exciting and busy year for ORIC NUML. While this year marked the 4th year of our existence, it also led us towards strengthening and sustaining our systems and operations. We developed policies and standards as well as revised previous policies to enhance their impact. As a result, we are confident that our activities have and will continue to positively influence the culture of Research and Innovation within the university.

Year 2017, for ORIC, was all about outreach and integration with the faculties, students and the industry. Throughout the reported period, several trainings, seminars, workshops, and MOUs were arranged and remained at the core of our activities. Participants of these activities were mainly the faculty and students of NUML; but we also tried to ensure participation from the industry as well in order to increase connections between our academicians and industry professionals.

Having received appreciation from many stakeholders, and by embracing the reservations of others, ORIC NUML is determined keep pace with superior higher education institutions and continue enriching the culture of Research and Innovation at NUML to achieve our goals.

This Annual Report covers all the activities ORIC has engaged in, from Jan 2017 to Dec 2017. By sharing this information with all, we would like to make the audience a part of our struggle and invite them to join hands with us for the continuity of our efforts.

Meritorious Professor (R) Dr. Karamat Ali

Director ORIC
NUML- Islamabad

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Memorandum of Understanding (MOU) between NUML & Tobacco Smoke Free Capital:

Memorandum of Understanding (MOU) was signed between National University of Modern Languages (NUML) and Tobacco Smoke Free Capital Project (Capital Administration & Development Division) Islamabad on January 5, 2017. Brig Riaz Ahmed Gondal, Director General, NUML and Dr. Minhaj us Siraj, Project Director, Tobacco Smoke Free Capital were the signatories.

Tobacco Smoke Free Capital (TSFC) is a project of Capital Administration and Development Division (CA & DD). CA & DD has been created in wake of the 18th Constitutional Amendment. The Division is mainly responsible to execute all such functions being previously performed by the devolved Ministries/Divisions within the jurisdiction of the Federal Capital. The principal functions of the Division range from subjects like health, social welfare, education, special education.

Scope of Agreement:

NUML and TSFC have agreed to jointly execute following activities to:

- Create awareness of hazards of tobacco including collaboration in conducting research.
- Creating linkages, developing policy guidelines, exchange of information and for this purpose share intellectual, physical and human resources, hold meetings and initiate activities.



Two days Workshop on Project Finance Modelling:

ORIC organized a workshop titled “Project Finance Modelling” held on 16th & 17th January 2017 at Executive Development Centre of ORIC at NUML. The workshop introduced participants with the advance level utilization of MS Excel and other softwares to conduct project finance modelling effectively



Diploma in Shanghai Cooperation Organisation Studies:

NUML offered a Three Month Diploma in SCO Studies in collaboration with Institute of Peace and Diplomatic Studies IPD, ongoing from 18th March, 2017- 25th May 2017.

About the Diploma:

Shanghai Cooperation Organization (SCO) comprised of several countries. Recently Pakistan became a permanent member of this alliance. Presence of Pakistan in SCO is instrumental in bringing the significant economic, political and strategic dividends not only for Pakistan but for entire region. Keeping in view the significance of the grouping and importance for Pakistan and communities, a course has been designed by Institute of Peace and Diplomatic Studies with ORIC-National University of Modern Languages (NUML) to identify the opportunities and challenges that SCO pose for Pakistan.

Speakers :

Diplomats, Senior Pakistani Diplomats, Bureaucrats and Scholars

Objectives:

The overall objectives of the program were:

- To provide indepth over view of working, functions, opportunities and challenges of Shanghai cooperation Organization
- Information about Presence of Pakistan as a Permanent Member.
- Challenges and oppourtunities for Pakistan in SCO.
- Status and Positions of Different Member Countries within SCO.
- Business, Education, Tourism and Cultural oppourtunities within SCO & inSCO member countries.



Visits:

Participants of the SCO made visits to:

- Embassy of Republic of Uzbekistan
- Russian Embassy
- Embassy of Tajakistan
- Foreign service Academy
- Embassy of China



Visit to the Embassy of Republic of Uzbekistan:

Participants of the Diploma in Shanghai Cooperation Organization Studies visited the embassy of the Republic of Uzbekistan.

Uzbek ambassador to Pakistan H.E Mr Mr. Furqat Sadiqov hosted a roundtable talk with the participants and briefed about the social, cultural economic,geopolitical and environmental aspects of Uzbekistan before showing a documentary on the country. Participants inquired about the role of Uzbekistan in maintaining peace in Central and South Asian region and explored venues of collaboration in Education, Agriculture, Business and Trade.Participants visited the exhibition area to see electronics, ceramics and various handicrafts made in Uzbekistan

Closing Ceremony :

SCO diploma concluded on the 25th May, 2017 with a graceful Certificate Distribution Ceremony held at National University of Modern Languages.. On the occasion Rector NUML, Maj. GenRetd. Zia Ud Din Najam HI(M) expressed his views on the significance of SCO for Eurasia and its underlying importance to launch this first of its kind diploma in SCO Studies. The Chief Guest of the occasion, H.E. Mr. Furqat Sadiqov, the Ambassador of the Republic of Uzbekistan appreciated the efforts of the management and awarded the participants with certificates.



Fourth Deans & Directors Conference:

Dr. Gulfam K.K. Baghoor (Manager BICON) participated in 4th Deans and Directors Conference by National Business Education Accreditation Council (NBEAC) - Higher Education Commission (HEC) in February, 2017. NBEAC was established by HEC in March, 2007. Purpose of NBEAC is to assure quality in Business Administration, Public Administration, Management Sciences & Commerce Degree programs according to the proposed accreditation in educational institutions. NBEAC functions at national level as accrediting authority to facilitate and enhance the equality of business education in the country



Quarterly University Meet Up:

Miss Huma Rasheed (Manager R & D) participated in discussion "Role of Internships in today's job market" at CODE (Center of Development & Excellence) held in February, 2017.



National Symposium on Responsible Media:

The National Symposium on Responsible Media was organized by Mishal Pakistan on February 24, 2017, gathered representatives from media and academia to put forward a set of rules for ethical and responsible journalism in Pakistan. Representatives from Office of Research Innovation and Commercialization ORIC at NUML and students from Mass Communication and Management Sciences department of NUML attended the symposium to remain up to date of the developments in reporting standards in Pakistan.



Memorandum of Understanding (MOU) between NUML and Pakistan Institute of Entrepreneurship (PIE):

Memorandum of Understanding (MOU) was signed between National University of Modern Languages and Pakistan (NUML) and Pakistan Institute of Entrepreneurship (PIE) on 15th March, 2017 at NUML, Islamabad with the aim to instigate and nurture a culture of entrepreneurship in Pakistan. Director General NUML, Brig. Riaz Ahmed Gondal SI(M) and Mr. Tahir Mahmood Chaudhry, CEO & President of PIE were the signatories.

Purpose of Cooperation:

MOU was signed among the two parties to promote entrepreneurial culture especially among women in Pakistan, to create entrepreneurial awareness, helping each other for the development, enrichment and enhancement of an ecosystem of entrepreneurship, working in close collaboration for the entrepreneurial embedment in education system, promotion of creativity, innovation and technology, working in collaboration to make the institutionalization of entrepreneurship possible and successful.

Areas of Cooperation:

- Joint conferences/Seminars /workshop on entrepreneurship.
- Helping each other to commercialize the results of research of women researchers.
- Business Plan exhibitions and other entrepreneurial activities.
- Assisting each other in promotion of entrepreneurial conferences.
- Empowering youth especially women, by giving them a supportive and encouraging entrepreneurial empowerment.
- Establishing eight societies and clubs for students of international repute.
- Establishing Turnaround Management Association Pakistan Chapter in NUML.
- Establishing Corporate Advisory Council to promote Industry-Academia-Government Linkages.



Seminar on Code of Ethics for Media in Pakistan:

The Executive Development Centre of Office of Research Innovation and Commercialization - ORIC at NUML partnered with Mishal Pakistan organised a series of seminars on "Code of Ethics for Media in Pakistan" in April 2017. The first seminar of the series was conducted in National University of Modern Languages Islamabad campus, hosting Students and Faculty members from the department of Mass Communication and Management Sciences.

The Code of Ethics plays a fundamental role for democratization of a society nonetheless, face many implementation challenges in Pakistan.



Building Emotional Intelligence in the Workplace:

Executive Development Center of ORIC at NUML in collaboration with CODE Training Services from April, 26, 2017 to April 27, 2017 organized an activity packed two days training program on Building Emotional Intelligence in the workplace. Researchers and Business experts agree that people with high emotional intelligence are consistently the top players. They are more resilient and flexible when things get tough and are strongly liked by their bosses, colleagues and others.

Emotional Intelligence is vital for workplace success. Emotionally intelligent professionals can help in forming effective relationships for enhancing work productivity. Understanding and raising your Emotional Intelligence is essential to one's success and contribute to strong leadership skills.

Purpose:

The overall purpose of the workshop were:

- To overcome personal and interpersonal disaster by improving emotional intelligence that will further help employees to like their workplace and peer and be like by them.
- To identify their own challenges in maintaining positive environments and collaborative relationships as well as overcoming resistance and negativity.
- To Discover peace with your emotions.

All participants eagerly took part in the activity in order to manage their emotions for persistent success and to overcome stressful and tense situations.

EDC-ORIC-NUML and CODE Training Services jointly present

Emotional Intelligence in the Workplace

27th - 28th April, 2017

Do you find yourself repeating the same personal and interpersonal disaster? If yes, you are in dire need of improving your emotional intelligence to help you like your jobs more, like your peers more, be more liked by them, and be more effective at your work.

Learn the **FIVE EI Competencies**

- Empathy
- Self-Regulations
- Social Skills
- Self-Awareness
- Motivation

Emotional intelligence is the ability to recognize and manage emotions. Therefore, emotionally intelligent professionals are more likely to avoid personal and interpersonal disasters and perform far better. As the pace of the world increases and our environment makes more and more demands on our cognitive, emotional and physical resources, Emotional Intelligence is increasingly critical as a skill set. Combined with native intelligence, emotional intelligence increases our ability to successfully manage the constant challenges from customers and our business associates. Through skill building exercises and group discussion, this course will provide you with unique opportunity to identify your own challenges in maintaining positive environments and collaborative relationships as well as overcoming resistance and negativity.

Trainer
Jamshed Iqbal

- Universal Sufi School, Hague Netherlands
- Bawa Muhayuddin Fellowship Philadelphia, USA

Mr. Jamshed Iqbal had the opportunity to learn from and work in collaboration with renowned Eastern and Western leaders of this time. These include Dr. H.J. Witteveen (Ex MD IMF & Finance Minister Netherlands), Prof. Nuria Sabato (Psychologist, USA) & Hidayat Inayat Khan (Spiritual leader, Netherlands).

Early Bird Discount
15% off till 10th April, 2017

Group Discount
10% off on group of 3 or more

Student Discount
10% off by showing student ID

Last Date to Register
24th April, 2017

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edc@oric.numl.edu.pk
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info@code.org.pk
051 2803 041 | 0320 5086 956

Seminar on Water Crisis in Pakistan:

Executive Development Center of ORIC in May, 2017 at NUML Islamabad, organised a seminar to elaborate the situation of water crisis in Pakistan. According to the Pakistan Vision 2025, Pakistan's ultimate aspiration is to see Pakistan among the Ten largest economies of the world but this dream is far from becoming a reality if we do not pay emphasis to the water crisis in Pakistan as it is posing a threat to the country's security, stability and environmental sustainability.

Eminent speakers for the event were:

- Mr. Naseer Memon Chief Executive of Strengthening Participatory Organization S.P.O
- Ms. Simi Kamal Senior Group Head Grants Operations at Pakistan Poverty Alleviation Fund
- Sr. General Manager PPAF, Mr. Muhammad Nadeem
- International Law expert Mr. Ahmer Bilal Soofi



A Case Study of Edhi Foundation: Pakistan Manpower Institute:

About the casestudy:

Pakistan Manpower Institute (PMI), Ministry of Education and Professional Training initiated the idea of studying Edhi Foundation in June, 2017 as a case to evaluate its administrative model. NUML performed the role of leading implementing partner of PMI for the project.

The idea is to put forward a set of standards and procedures for similar organizations to follow.

Objective:

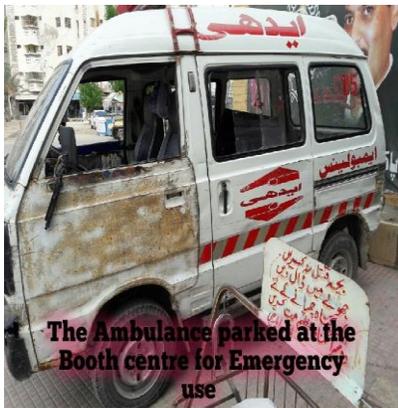
The main objectives of the study were:

- To provide evidence based information to Public and Private sector stakeholders to replicate the model of Edhi Foundation, as whole or as part to improve their social services to the society.
- To establish a platform for stakeholders to identify the unseen facts and realities behind the success of this organization.

Data collection, analysis and reporting was performed under the supervision of Principal Investigator, Dr. Gulfam Khan Khalid, (Manager BICON, NUML) with the involvement of faculty members and students of almost all campuses of NUML. It was because of the country-wide presence of NUML that the project was completed resourcefully and with minimum time.



Contract Signing between Pakistan Manpower Institute and Office of Research Innovation and Commercialization - ORIC at NUML for conducting research on Abdul Sattar Edhi Foundation



Teachers' Performance Enhancement Programme (PrEP):



The Teachers' Performance Enhancement Programme (PrEP) was an initiative taken by the top management of NUML in July, 2017 and executed by ORIC NUML to build the capacity of the most valuable resource of any academic institution: Its Faculty. The training aimed at enriching teaching skills of faculty members, enhance their research and IT skill.

The Teachers' Performance Enhancement Programme (PrEP) was an In-Service Teachers Training (INSETT) designed to meet the training and development needs of teachers at NUML. The programme follows the Triple-E approach:

- Engage
- Enhance
- Exceed

Training audience comprised of teachers from various departments, it provided a good opportunity to engage with each other in a rigorous training and development exercises.

Their competencies were enhanced throughout the duration of the course through lectures, presentations, demonstrations and exercises and lastly they were encouraged to Exceed by practicing life-long learning and teaching as a research-based profession. which included eminent subject matter experts within and outside NUML along with trainers from the industry and corporate sector.

Objectives of Training:

The training program was designed to achieved the following objectives: To equip participants with latest and innovative teaching strategies, which can be adapted into the local context, to encourage participants to practice research-based teaching, to support participants in developing sound teaching philosophies as a baseline of their profession, to provide a platform for teachers of different disciplines to interact and learn from each other, to develop teachers as inquirers and incite their passion for life-long learning





NUML Clerical Staff's Training Program [NCSTP]:

NUML Clerical Staff's Training Program was designed for training the staff members in effective execution of the 'routine clerical and administrative duties' in an office setting at NUML. The participants from the regional campuses attended it via video conferencing session.

Objectives:

The objectives of the training program were:

- To be able to use practical techniques to achieve personal and organizational success.
- To be able to review their responsibilities at work and with it, take the initiative to strengthen their critical competencies.
- Seeing the organization in a new perspective and feel more accountable to achieve mutual success.
- To be able to practice good verbal and written communication skills - both in Urdu and English language.
- To effectively execute the routine office tasks.

Resource Personnel:

Trained Human Resource Managers were invited to train the participants in specially tailored modules.

Modules:

The training program was based on four modules: Basics of IT & Office Automation, Workplace Communication Skills, and Workplace Ethics & Office Procedures.

Methodology:

Tell - Show – Involve

The program was divided into modules with the tell - show - involve interactive sessions where participants were given an explanation or a short talk appropriate to the topic followed by examples that enabled participants to apply the knowledge and experience in their workplace.





NUML Supervisors' Training Program:

ORIC at NUML organised a Supervisors' Training Programme in July, 2017 to enhance the research skills of its Faculty members.

The emphasis being paid to research and development as Higher Education Institutions are known by the quantity as well as the quality of research they produce. The top management of NUML is committed to improving both numbers as well as quality of research produced by investing in the capacity building of its research supervisors and scholars.

Participants:

The programme consisted of four customized trainings for each of the mentioned below faculties of NUML:

- Management Sciences
- Social Sciences
- Languages



BICON Incubate Selection Meeting:

Incubate Selection Meeting was held on September 13, 2017 from 11:00 am till 2:00 pm in Business Incubation Center of NUML, Islamabad. The selection Committee comprised of Director ORIC Dr. Karamat Ali, Ms. Noshaba Awais (HEC Representative), Mr. Atif Mumtaz (Industry Representative), Dr. Gulfam Baghoor (Manager Business Incubation) , Dr. Nadeem Talib (HOD MS, NUML), Dr Naveed Alam (HOD CS, NUML) while Ms Salleha Azam Ali(Asst. Manager Incubation) Ms Maria Khalid Satti (Asst Manager Admin & Finance) & Ms Adeela Athaar (Business Development Officer) attended the meeting as observers .

Incubates were from the following companies:

- Charity Sharity
- Liaison Tech
- AquaX

Mr. Hassan Zulfiqar (CEO, Charity Sharity) shared his company's vision and statement with the committee members by launching an IT based company that will collect charity by employing Digital Marketing techniques.

Second Start-up Company was AquaX a local mineral Water brand. This initiative was taken by NUML University Management Sciences students Qamar and Naimat.

Committee approved the two companies Sharity and AquaX as new incubators of B ICON NUML Islamabad while Liason Tech already in the market with the brand name of Jotla Technologies was recommended to join B ICON as partner organization in mentoring incubates through signing MOU with NUML.



Change Maker Institute:

British Council in collaboration with Youth Engagement Services (YES) Network Pakistan had launched a project titled “Change maker Institute Award” in the leading higher education institutions of Pakistan.

This activity was conducted for four months in different campuses of National University of Modern Languages. Competition taught the basic principles of an enterprise development to students by a hands-on approach. Competition was split into three phases; Trial phase, Build phase and Expand phase.

Change Making Institute Award Ceremony:

National University of Modern Languages (NUML) Islamabad has won the Change making Competition jointly organized by the NUML, Yes Network and British Council. Change making Institute Award Ceremony was held at NUML Islamabad on Tuesday, October 10, 2017 at 10:30am

The British Council and Youth Engagement Services (YES) Network Pakistan have launched a project titled “Change Maker Institute Award in different campuses NUML. Director General NUML, Brig Muhammad Ibrahim, Director Education British Council Ms. Nishat Riaz, CEO Yes Network Mr. Ali Raza Khan, CEO Blue Synq Technologies, Mr. Atif Mumtaz were the chief guests of the ceremony while Registrar NUML, Dean Faculty of Social Sciences, Dr. Sufiana khatoon, Director ORIC, Prof. Dr. Karamat Ali, Manager Incubation (BICON) Dr. Gulfam Khan Khalid, Heads of Departments and students also attended the ceremony.

Change making competition inspired students of NUML to tackle society’s toughest challenges and make a remarkable difference in the country. The competition stirred up a creative energy among students that has been dormant for many years.

Addressing the audience, Director General NUML Brig Mohammad Ibrahim stated youth engagement is the great initiative by NUML, YES Network & British Council. NUML always welcomed new initiatives and appreciated students in these activities. He also distributed certificates and awards of acknowledgment among faculty members and participants. He thanked all worthy guests and partner organizations.

Manager Incubation, Dr. Gulfam Khan Khalid Baghori introduced Business Incubation Center of NUML (BICON) to the participants and acknowledged the chief guests. He shared his views concerning over all change making competition in NUML in year 2016-17. He appreciated the efforts, volunteerism and hard work of faculty members and students and wish them success in their future endeavors.

Founder & CEO Yes Network, Ali Raza Khan presented cash prize of PKR.100, 000/- to the first award winner Mr. Shamoan Masih from Quetta campus, NUML-Pakistan. He stated, youth a main asset of our country but unfortunately they have not been given any sort of participation towards the development of our country. . He stressed there is a high need to channelize the direction of youth in the right way and concluded his speech by stating one must see youth as a solution; not as problem.



English Language Communication through Neuro Linguistic Programming (NLP):

About the Workshop:

Learning Innovation Division of Higher Education Commission, Pakistan (HEC) in collaboration with National University of Modern Languages (NUML) organized a three day workshop from 23rd - 25th October, 2017 on Effective English Language Communication through Neuro Linguistic Programming (NLP) Techniques for the teaching faculty of higher education institutions of the twin cities.

Participants:

Selected Faculty members of different universities of Rawalpindi and Islamabad

Resource Persons :

NLP Master Trainer Mr. Kamran Sultan, along with other NLP Practitioners and knowledgeable academicians were invited to deliver constructive and engaging sessions.

Background:

Neuro Linguistic Programming is a body of knowledge as well as skills which deals with enhancing the performance of the human mind and is a relevantly under-studied topic and under-utilized method of communication in the higher education institutions. Keeping this in view, Ms. Huma Rasheed, Manager R&D at the Office of Research Innovation and Commercialization of NUML, under the visionary guidance of the Director ORIC Prof. Dr. Karamat Ali, proposed the idea of conducting a workshop on utilizing NLP techniques. The idea was endorsed by Director General LID, HEC Mr. Fida Hussain who reinforced the need to bring about innovation in learning and development initiatives of HEIs.

Certificate Distribution Ceremony:

The programme concluded on 25th October, 2017 in a graceful certificate distribution ceremony where DG LID HEC, Mr. Fida Hussain announced to expand the initiative and conduct a national training programme on NLP to enhance communication skills of faculty members of the higher education institutions.





Three Days Workshop on Educational Leadership & Management:

Office of Research, Innovation and Commercialization (ORIC) and Association for Academic Quality (AFAQ) organized a Three Days Workshop "Educational Leadership & Management" from October 17th to 19th 2017

Objectives:

At the completion of the training, the participants were expected to achieve the following objectives:

- To Understand educational leadership and management both as a subject of study and as a field of practice.
- Identify current and emerging leadership situations and issues through analysis.
- Consider views of what constitutes 'good' leadership and management.
- Gain insights into the potential for 'Capacity Building' in their respective educational organization

The overall goal was to provide the participants a conducive venue for discussion & sharing with participants from a variety of teaching and administrative contexts.

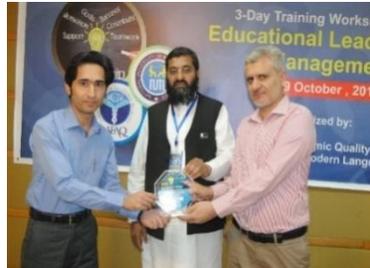
Modules:

Strategic Vision, Basics of Educational Management, Leadership Styles & Tactics, School Curriculum Management, School Improvement & Marketing Plan, Effective Communication in Schools and Effective Examination System Resource Personnel: Trained Teacher Educators & Master Trainers were invited to impart up-to-date content.

Methodology:

Present- Show- Engage

Hands on Practical Sessions, Collaborative Learning, Simulation & Role Play, Presentations, Case Studies & Carry-home Assignments





National Business Plan Competition 2017:

A two day National Business Plan competition organized by Business Incubation Center (BICON) of National University of Modern Languages kicked off on December, 26, 2017. Executive Director Higher Education Commission, Prof Dr Arshad Ali inaugurated the session while Rector NUML, Maj.Gen Zia Uddin Najam HI(M)(Retd), Director General NUML, Brig.Muhammad Ibrahim and Director ORIC, Prof Dr. Karamat Ali also attended the session.

Participation was diverse, students from various universities took part in this competition. Speaking on the occasion, Executive Director of HEC, Dr Arshid appreciated NUML for its underlying efforts aimed at generating employment opportunities rather than finding jobs. It is pertinent to mention, around 360 ideas were received from all over Pakistan and only 54 were selected for competition. Each workable idea will be given financial support by the partners. Business Incubator center in academia would help to eradicate financial suffering from all across the country.



Industry Technology Cell of NUML (ITCON) established by ORIC:

Introduction:

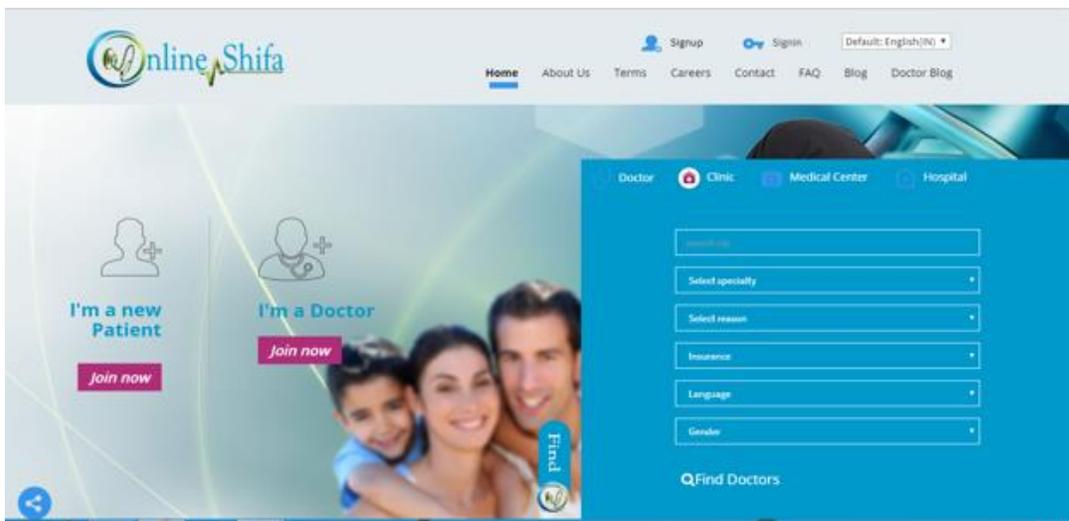
As universities become more entrepreneurial and look towards technology transfer into non-traditional fields, there is a need for alternative conceptualizations of technology transfer that are more accurate and realistic than the traditional linear model and are adaptable to the nuances of the university to which they are applied.

In order to Fulfill this need NUML ORIC Department has developed a Technology Incubator named "ITCON" working on Technology and Innovation.

ITCON train students for developing prototypes of IT Products such commercial IT projects cater the local market. Currently there are two projects developed by ITCON

- Online Shifa.com
- Mobile base sign language translation system

OnlineShifa.com



Lack of access to health care in Pakistan is a massive, growing problem. The average wait time to see a physician is three weeks. Even if you can see a doctor, it takes 2-3 hours from the time you leave your home or office to the time you get back home. Nearly half of patients with mental health issues go without treatment. Mostly in rural area hundred and thousands of lives can be saved by timely diagnostic of disease or by educating masses about basic health care procedures. Quacks are increasing day by day and so far to control this issue no solution is available to reach patients in rural area and far reached areas. In the article published in medical newspaper stated The government has estimated the presence of more than 600,000 of unqualified doctors all over Pakistan. It is pertinent from the report that the people of Pakistan are not getting the care that they need. There is a high need to design a system assisting patients to reach qualified Doctors on time. The project aims at providing convenient ways to consult doctors online. For consultation services only licensed Physicians would be on board . The solution shall be designed without making any compromise on quality.

For consultation services only licensed Physicians shall be available. The main objectives of the project are to:

- Improve the physical and mental well-being of citizens.
- Harmonize the provision of health, and its knowledge in Pakistan.
- Provide opportunities for female doctors to contribute to the cause from their houses.
- Reduce health inequalities.
- Reduce dependency on Quacks.
- Generate and disseminate health information and knowledge.
- Provide health care service at the door step of patients.

Sign Language based Video Translator:

An application targeted at people with hearing impairment and speaking difficulties It is a Mobile application to display Sign Language for special people by typing text in English. Text can also be copy pasted from educational notes, books, websites and online materials. Video File can be saved to make it a video tutorial of Sign Language

People with hearing and speaking disabilities (deaf-mute) across the world can utilize the mobile applications to make their life normal and richer in social Through the usage of this application, written text in cell phones will be converted to sign language based video. It will also convert the educational notes, websites' text and news etc. into sign language based video tutorials

Objectives:

The overall objectives of the project are:

- Convert Text to Sign conversion.
- Convert Text to Voice conversion.
- Convert notes and website text in sign language



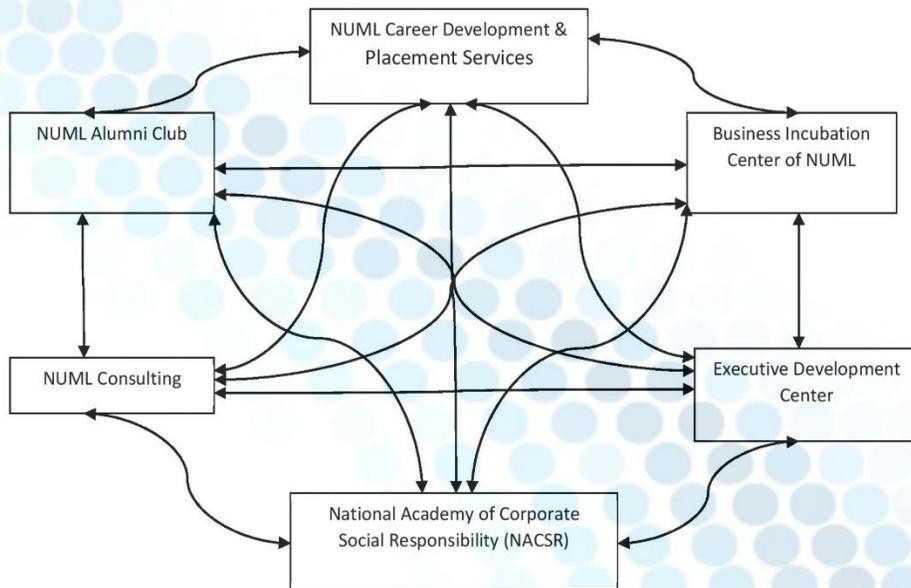
NATIONAL UNIVERSITY OF MODERN LANGUAGES (NUML)
RESEARCH PROJECTS

S.No	Project Title	Name of PI	Faculty	Period	Budget (Millions)
A	National Research Program of University				
1	Sociolinguistic Competence: School Teachers' Perception and Practices in Pakistan	Dr. Ghazala Kausar	Faculty of English Languages	2017-18	0.51
B	Thematic Research Grant Program				
2	A way Forward to improve The Ethical Conduct of BS Level Students in Universities of Pakistan Through Training Education	Dr. Syed Abdul Ghaffar Bukhari	Faculty of Social Sciences	2017-18	3.30
3	Education Financing For Vocational /Technical Education	Dr. M Shoaib Malik	Faculty of Social Sciences	2017-18	4.00
4	Arabic, Urdu,Pashto,Saraiki The Study of Comparative and Translational work of Public Sector University of Pakistan	Dr. Kafiya Ullah Hamdani	Faculty of Social Sciences	2017-18	3.90
5	Domestic Violence Against Women In Pakistan-Pakistan Studies	Dr. M Shoaib Malik	Faculty of Social Sciences	2017-18	2.30
C	Non HEC Funded Projects				
6	A Case Study of Edhi Foundation	Dr. Gulfam Khan Khalid	Faculty of Management Sciences	2017-18	2.30



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Beyond ICONship



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